Panel Schedules
Tower B
4-B1-2 - 4-B1-299

# WTC
# Drawing Book 4

# 4-B1-2
# through
# 4-B1-299

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — **Civil & Structural Engineers** — WTCI-15-LERA

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 10-18-68

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 103B 10 9 | 10C | 144 | 50 | 50 | 692 | 102 | 147 | 45 | 45 | 692 | 102 | 150 | 42 | 42 | 693 | 103 |
| 112B 10 9 | 10C | 162 | 45 | 45 | 693 | 103 | 162 | 45 | 45 | 693 | 103 | 162 | 45 | 45 | 693 | 103 |
| 121B 10 9 | 100 | 162 | 45 | 45 | 693 | 103 | 162 | 45 | 45 | 693 | 103 | 162 | 45 | 45 | 693 | 103 |
| 130B 10 9 | 100 | 163 | 45 | 45 | 683 | 103 | 164 | 45 | 45 | 683 | 103 | 164 | 45 | 45 | 683 | 103 |
| 139B 10 9 | 10C | 164 | 45 | 45 | 693 | 103 | 164 | 45 | 45 | 693 | 103 | 164 | 45 | 45 | 693 | 103 |
| 148B 10 9 | 10C | 162 | 42 | 42 | 693 | 103 | 162 | 42 | 42 | 693 | 103 | 162 | 42 | 42 | 693 | 103 |
| 157B 10 9 | 10C | 150 | 46 | 46 | 693 | 103 | 147 | 50 | 50 | 692 | 102 | 144 | 55 | 55 | 692 | 102 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPAN FY4 | SPAN SCL | SPAN SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 103B 10 9 | 10 | 1- 3/8 | 42 | 133 | 125 | 1- 1/4 X16 | 1/2 | 3/8 | 5100 | 4621 | 5100 |
| 3 | 112B 10 9 | 10 | 1- 3/8 | 36 | 125 | 125 | 1- 1/8 X16 | 9/16 | 0 | 4621 | 5210 | 4621 |
| 3 | 121B 10 9 | 10 | 1- 3/8 | 36 | 125 | 125 | 1- 1/8 X16 | 9/16 | 0 | 5210 | 4611 | 5210 |
| 3 | 130B 10 9 | 10 | 1- 3/8 | 36 | 124 | 124 | 15/16X16 | 1/2 | 0 | 4611 | 5210 | 4611 |
| 3 | 139B 10 9 | 10 | 1- 3/8 | 36 | 125 | 125 | 1- 3/16X16 | 9/16 | 0 | 5210 | 4611 | 5210 |
| 3 | 148B 10 9 | 10 | 1- 3/8 | 36 | 125 | 125 | 1- 3/16X16 | 9/16 | 0 | 4611 | 5210 | 4611 |
| 3 | 157B 10 9 | 10 | 1- 3/8 | 42 | 125 | 133 | 1- 1/4 X16 | 9/16 | 3/8 | 5100 | 4611 | 5100 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — REGISTERED IN THE STATE OF NEW YORK

4-81- 2

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 10-18-68

EVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2038 10 9 | 10C | 137 | 65 | 65 | 692 | 102 | 138 | 55 | 55 | 682 | 102 | 138 | 55 | 55 | 682 | 102 |
| 2128 10 9 | 10C | 139 | 55 | 55 | 682 | 102 | 141 | 50 | 50 | 682 | 102 | 141 | 50 | 50 | 682 | 102 |
| 2218 10 9 | 10C | 149 | 45 | 45 | 492 | 103 | 148 | 45 | 45 | 492 | 102 | 147 | 45 | 45 | 492 | 102 |
| 2308 10 9 | 10C | 146 | 45 | 45 | 492 | 102 | 146 | 45 | 45 | 442 | 102 | 146 | 46 | 46 | 442 | 102 |
| 2398 10 9 | 10C | 147 | 50 | 50 | 492 | 102 | 148 | 50 | 50 | 492 | 102 | 149 | 50 | 50 | 492 | 103 |
| 2488 10 9 | 10C | 141 | 55 | 55 | 492 | 102 | 141 | 55 | 55 | 492 | 102 | 139 | 55 | 55 | 682 | 102 |
| 2578 10 9 | 10C | 138 | 60 | 60 | 682 | 102 | 138 | 60 | 60 | 682 | 102 | 136 | 65 | 65 | 692 | 102 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 2038 10 9 | 1C | 1- 3/8 | 50 | 133 | 125 | 1- 3/16X16 | 1/2 | 5/16 | (4612) | 5210 | 5010 |
| | 2128 10 9 | 1C | 1- 3/8 | 36 | 124 | 124 | 15/16X16 | 7/16 | 0 | 5210 | 5010 | 5210 |
| 3 | 2218 10 9 | 1C | 1- 3/8 | 36 | 124 | 123 | 11/16X16 | 3/8 | 0 | 5210 | (4611) | 5210 |
| 3 | 2308 10 9 | 1C | 1- 3/8 | 36 | 123 | 122 | 7/16X16 | 3/8 | 0 | (4611) | 5210 | (5210) |
| 3 | 2398 10 9 | 1C | 1- 3/8 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | (4611) | 5210 |
| | 2488 10 9 | 1C | 1- 3/8 | 42 | 124 | 124 | 13/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 3 | 2578 10 9 | 1C | 1- 3/8 | 55 | 124 | 133 | 1- 1/16X16 | 1/2 | 5/16 | 5010 | 5210 | (4612) |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 10-18-68

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 303B 10 9 | 10C | 144 | 60 | 60 | 692 | 102 | 147 | 50 | 50 | 682 | 102 | 150 | 50 | 50 | 683 | 103 |
| 312B 10 9 | 10C | 162 | 42 | 42 | 693 | 103 | 162 | 42 | 42 | 693 | 103 | 162 | 42 | 42 | 693 | 103 |
| 321B 10 9 | 10C | 162 | 42 | 42 | 683 | 103 | 162 | 42 | 42 | 683 | 103 | 162 | 42 | 42 | 683 | 103 |
| 330B 10 9 | 10C | 163 | 42 | 42 | 683 | 103 | 164 | 42 | 42 | 683 | 103 | 164 | 42 | 42 | 683 | 103 |
| 339B 10 9 | 10C | 164 | 42 | 42 | 693 | 103 | 164 | 42 | 42 | 693 | 103 | 164 | 42 | 42 | 693 | 103 |
| 348B 10 9 | 10C | 162 | 42 | 42 | 693 | 103 | 162 | 42 | 42 | 693 | 103 | 162 | 42 | 42 | 693 | 103 |
| 357B 10 9 | 10C | 150 | 50 | 50 | 693 | 103 | 147 | 55 | 55 | 692 | 102 | 144 | 60 | 60 | 692 | 102 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 303B 10 9 | 10 | 1- 3/8 | 45 | 133 | 125 | 1- 3/16X16 | 1/2 | 3/8 | 5100 | 4611 | 5100 |
| 3 | 312B 10 9 | 10 | 1- 3/8 | 36 | 125 | 125 | 1- 1/8 X16 | 1/2 | 0 | 4611 | 5210 | 4611 |
| 3 | 321B 10 9 | 10 | 1- 3/8 | 36 | 125 | 125 | 1- 1/16X16 | 1/2 | 0 | 5210 | 4611 | 5210 |
| 3 | 330B 10 9 | 10 | 1- 3/8 | 36 | 124 | 124 | 15/16X16 | 1/2 | 0 | 4611 | 5210 | 4611 |
| 3 | 339B 10 9 | 10 | 1- 3/8 | 36 | 125 | 125 | 1- 1/8 X16 | 9/16 | 0 | 5210 | 4611 | 5210 |
| 3 | 348B 10 9 | 10 | 1- 3/8 | 36 | 125 | 125 | 1- 3/16X16 | 9/16 | 0 | 4621 | 5210 | 4621 |
| 3 | 357B 10 9 | 10 | 1- 3/8 | 46 | 125 | 133 | 1- 1/4 X16 | 9/16 | 3/8 | 5100 | 4621 | 5100 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 10-18-68

EVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4038 10 9 | 100 | 137 | 70 | 70 | 692 | 102 | 138 | 60 | 60 | 682 | 102 | 138 | 60 | 60 | 682 | 102 |
| 4128 10 9 | 100 | 139 | 60 | 60 | 682 | 102 | 141 | 55 | 55 | 682 | 102 | 141 | 55 | 55 | 682 | 102 |
| 4218 10 9 | 100 | 149 | 50 | 50 | 492 | 103 | 148 | 50 | 50 | 492 | 102 | 147 | 50 | 50 | 492 | 102 |
| 4308 10 9 | 100 | 146 | 50 | 50 | 492 | 102 | 146 | 50 | 50 | 442 | 102 | 146 | 50 | 50 | 442 | 102 |
| 4398 10 9 | 100 | 147 | 45 | 45 | 492 | 102 | 148 | 45 | 45 | 492 | 102 | 149 | 45 | 45 | 492 | 103 |
| 4488 10 9 | 100 | 141 | 45 | 45 | 682 | 102 | 141 | 45 | 45 | 682 | 102 | 139 | 45 | 45 | 682 | 102 |
| 4578 10 9 | 100 | 137 | 50 | 50 | 682 | 102 | 138 | 50 | 50 | 682 | 102 | 137 | 60 | 60 | 692 | 102 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | WELD NO 6 | WELD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 4038 10 9 | 10 | 1- 3/8 | 55 | 133 | 125 | 1- 3/16X16 | 1/2 | 5/16 | (4622) | 5210 | 5010 |
| | 4128 10 9 | 10 | 1- 3/8 | 42 | 124 | 124 | 15/16X16 | 7/16 | 0 | 5210 | 5010 | 5210 |
| 3 | 4218 10 9 | 10 | 1- 3/8 | 36 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 5210 | (4611) | 5210 |
| 3 | 4308 10 9 | 10 | 1- 3/8 | 36 | 123 | 123 | 3/8 X16 | 3/8 | 0 | (4611) | 5210 | (4611) |
| 3 | 4398 10 9 | 10 | 1- 3/8 | 36 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 5210 | (4611) | 5210 |
| | 4488 10 9 | 10 | 1- 3/8 | 36 | 124 | 124 | 7/8 X16 | 7/16 | 0 | 5210 | 5010 | 5210 |
| 3 | 4578 10 9 | 10 | 1- 3/8 | 46 | 124 | 133 | 1- 1/8 X16 | 1/2 | 5/16 | 5010 | 5210 | (4622) |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 10-18-68

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2008 10 9 | 11C | 152 | 55 | 55 | 113 | 103 | 552 | 60 | 60 | 0 | 123 | 147 | 60 | 60 | 692 | 102 |
| 4008 10 9 | 11C | 152 | 60 | 60 | 113 | 103 | 552 | 65 | 65 | 0 | 123 | 147 | 65 | 65 | 692 | 102 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPL FY4 | SPL SCL | SPL SCR | WELDMENTS NO 5 | WLD NO 6 | WLD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 2008 10 9 | 1C | 1- 3/8 | 50 | 133 | 133 | 1- 3/8 X16 | 5/8 | 3/8 | 4611 | 5010 | 5610 |
| 3 | 4008 10 9 | 1C | 1- 3/8 | 50 | 133 | 133 | 1- 3/8 X16 | 5/8 | 3/8 | 4621 | 5010 | 5610 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 10-18-68

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 109B 11 9 | 20C | 159 | 45 | 45 | 693 | 103 | 160 | 45 | 45 | 693 | 103 | 162 | 45 | 45 | 693 | 103 |
| 118B 11 9 | 20C | 162 | 46 | 46 | 693 | 103 | 162 | 46 | 46 | 693 | 103 | 162 | 46 | 46 | 693 | 103 |
| 127B 11 9 | 20C | 162 | 50 | 50 | 683 | 103 | 162 | 50 | 50 | 683 | 103 | 163 | 50 | 50 | 683 | 103 |
| 133B 11 9 | 20C | 164 | 50 | 50 | 683 | 103 | 164 | 50 | 50 | 683 | 103 | 164 | 50 | 50 | 683 | 103 |
| 142B 11 9 | 20C | 163 | 50 | 50 | 693 | 103 | 163 | 50 | 50 | 693 | 103 | 162 | 50 | 50 | 693 | 103 |
| 151B 11 9 | 20C | 162 | 45 | 45 | 693 | 103 | 160 | 45 | 45 | 693 | 103 | 159 | 46 | 46 | 693 | 103 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 109B 11 9 | 11 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 5100 | 4611 | 5100 |
| 3 | 118B 11 9 | 11 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 4611 | 5210 | 4611 |
| 3 | 127B 11 9 | 11 | 1- 3/8 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5110 | 4611 | 5210 |
| 3 | 133B 11 9 | 11 | 1- 3/8 | 36 | 124 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 4611 | 5110 |
| 3 | 142B 11 9 | 11 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 4611 | 5210 | 4611 |
| 3 | 151B 11 9 | 11 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 5100 | 4611 | 5100 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 1098 11 9 | 1C | 1- 3/8 | 36 | 125 | 125 | 1- 1/8 X16 | 9/16 | 0 | 5100 | 4621 | 5100 |
| 3 | 1188 11 9 | 1C | 1- 3/8 | 36 | 125 | 125 | 1- 1/8 X16 | 9/16 | 0 | 4621 | 5210 | 4611 |
| 3 | 1278 11 9 | 1C | 1- 3/8 | 36 | 125 | 124 | 1 X16 | 1/2 | 0 | 5110 | 4611 | 5210 |
| 3 | 1338 11 9 | 1C | 1- 3/8 | 36 | 124 | 125 | 1- 1/16X16 | 1/2 | 0 | 5210 | 4611 | 5110 |
| 3 | 1428 11 9 | 1C | 1- 3/8 | 36 | 125 | 125 | 1- 3/16X16 | 9/16 | 0 | 4611 | 5210 | 4611 |
| 3 | 1518 11 9 | 1C | 1- 3/8 | 36 | 125 | 125 | 1- 3/16X16 | 9/16 | 0 | 5100 | 4611 | 5100 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 209B 11 9 | 200 | 138 | 60 | 60 | 682 | 102 | 138 | 60 | 60 | 682 | 102 | 139 | 60 | 60 | 682 | 102 |
| 218B 11 9 | 200 | 149 | 50 | 50 | 682 | 103 | 149 | 50 | 50 | 492 | 103 | 149 | 50 | 50 | 492 | 103 |
| 227B 11 9 | 200 | 146 | 46 | 46 | 492 | 102 | 146 | 46 | 46 | 492 | 102 | 146 | 50 | 50 | 492 | 102 |
| 233B 11 9 | 200 | 146 | 50 | 50 | 442 | 102 | 146 | 50 | 50 | 442 | 102 | 146 | 50 | 50 | 442 | 102 |
| 242B 11 9 | 200 | 149 | 50 | 50 | 492 | 103 | 149 | 55 | 55 | 492 | 103 | 149 | 55 | 55 | 492 | 103 |
| 251B 11 9 | 200 | 139 | 60 | 60 | 682 | 102 | 138 | 60 | 60 | 682 | 102 | 138 | 65 | 65 | 682 | 102 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | WELD NO 6 | WELD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 209B 11 9 | 11 | 1- 3/8 | 42 | 124 | 124 | 13/16X16 | 7/16 | 0 | 5010 | 5210 | 4612 |
| 4 | 218B 11 9 | 11 | 1- 3/8 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | (4632) | 5210 | 4611 |
| 3 | 227B 11 9 | 11 | 1- 3/8 | 36 | 123 | 123 | 3/8 X15 | 3/8 | 0 | 5110 | 4611 | 5210 |
| 3 | 233B 11 9 | 11 | 1- 3/8 | 36 | 122 | 123 | 3/8 X13 | 3/8 | 0 | 5210 | 4611 | 5110 |
| 4 | 242B 11 9 | 11 | 1- 3/8 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 4611 | 5210 | (4632) |
| 3 | 251B 11 9 | 11 | 1- 3/8 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 4612 | 5210 | 5010 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | WELD NO 6 | WELD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 209B 11 9 | 10 | 1- 3/8 | 42 | 125 | 124 | 1 X16 | 7/16 | 0 | 5010 | 5210 | 4612 |
| 4 | 218B 11 9 | 10 | 1- 3/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | (4632) | 5210 | 4611 |
| 3 | 227B 11 9 | 10 | 1- 3/8 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5110 | 4611 | 5210 |
| 3 | 233B 11 9 | 10 | 1- 3/8 | 36 | 122 | 123 | 3/8 X16 | 3/8 | 0 | 4611 | 5210 | 4611 |
| 4 | 242B 11 9 | 10 | 1- 3/8 | 36 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 4611 | 5210 | (4632) |
| 3 | 251B 11 9 | 10 | 1- 3/8 | 42 | 124 | 124 | 7/8 X16 | 3/8 | 0 | 4612 | 5210 | 5010 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — NO. 54360 — UNIVERSITY OF THE STATE OF NEW YORK

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 10-18-68

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 309B 11 9 | 200 | 159 | 50 | 50 | 683 | 103 | 160 | 46 | 46 | 683 | 103 | 162 | 45 | 45 | 693 | 103 |
| 318B 11 9 | 200 | 162 | 42 | 42 | 683 | 103 | 162 | 42 | 42 | 683 | 103 | 162 | 42 | 42 | 683 | 103 |
| 327B 11 9 | 200 | 162 | 42 | 42 | 683 | 103 | 162 | 42 | 42 | 683 | 103 | 163 | 45 | 45 | 683 | 103 |
| 333B 11 9 | 200 | 164 | 42 | 42 | 683 | 103 | 164 | 42 | 42 | 683 | 103 | 164 | 42 | 42 | 683 | 103 |
| 342B 11 9 | 200 | 163 | 42 | 42 | 693 | 103 | 163 | 45 | 45 | 693 | 103 | 162 | 45 | 45 | 693 | 103 |
| 351B 11 9 | 200 | 162 | 46 | 46 | 693 | 103 | 160 | 50 | 50 | 693 | 103 | 159 | 50 | 50 | 693 | 103 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPL FY4 | SPL SCL | SPL SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 309B 11 9 | 11 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5100 | 4611 | 5100 |
| 3 | 318B 11 9 | 11 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 4611 | 5210 | 4611 |
| 3 | 327B 11 9 | 11 | 1- 3/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5110 | 4611 | 5210 |
| 3 | 333B 11 9 | 11 | 1- 3/8 | 36 | 124 | 124 | 7/8 X16 | 1/2 | 0 | 5210 | 4621 | 5110 |
| 3 | 342B 11 9 | 11 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 4621 | 5210 | 4621 |
| 3 | 351B 11 9 | 11 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 5100 | 4621 | 5100 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPL FY4 | SPL SCL | SPL SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 309B 11 9 | 10 | 1- 3/8 | 36 | 125 | 125 | 1- 1/16X16 | 1/2 | 0 | 5100 | 4611 | 5100 |
| 3 | 318B 11 9 | 10 | 1- 3/8 | 36 | 125 | 125 | 1- 1/16X16 | 1/2 | 0 | 4611 | 5210 | 4611 |
| 3 | 327B 11 9 | 10 | 1- 3/8 | 36 | 124 | 124 | 15/16X16 | 1/2 | 0 | 5110 | 4611 | 5210 |
| 3 | 333B 11 9 | 10 | 1- 3/8 | 36 | 124 | 125 | 1- 1/16X16 | 1/2 | 0 | 5210 | 4611 | 5110 |
| 3 | 342B 11 9 | 10 | 1- 3/8 | 36 | 125 | 125 | 1- 3/16X16 | 9/16 | 0 | 4611 | 5210 | 4621 |
| 3 | 351B 11 9 | 10 | 1- 3/8 | 36 | 125 | 125 | 1- 3/16X16 | 9/16 | 0 | 5100 | 4621 | 5100 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

4-61- 9

**SKILLING, HELLE, CHRISTIANSEN, ROBERTSON** — **Structural & Civil Engineers**

| PROJECT | TITLE | DATE |
|---|---|---|
| THE WORLD TRADE CENTER | EXTERIOR WALL PANEL SCHEDULE | 3-12-69 |

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 409B 11 9 | 200 | 138 | 65 | 65 | 682 | 102 | 138 | 65 | 65 | 682 | 102 | 139 | 65 | 65 | 682 | 102 |
| 418B 11 9 | 200 | 149 | 55 | 55 | 492 | 103 | 149 | 55 | 55 | 492 | 103 | 149 | 55 | 55 | 492 | 103 |
| 427B 11 9 | 200 | 146 | 55 | 55 | 492 | 102 | 146 | 55 | 55 | 492 | 102 | 146 | 50 | 50 | 492 | 102 |
| 433B 11 9 | 200 | 146 | 50 | 50 | 442 | 102 | 146 | 50 | 50 | 442 | 102 | 146 | 50 | 50 | 492 | 102 |
| 442B 11 9 | 200 | 149 | 45 | 45 | 492 | 103 | 149 | 45 | 45 | 492 | 103 | 149 | 45 | 45 | 492 | 103 |
| 451B 11 9 | 200 | 139 | 50 | 50 | 682 | 102 | 138 | 55 | 55 | 682 | 102 | 138 | 55 | 55 | 682 | 102 |

X

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 409B 11 9 | 11 | 1- 3/8 | 45 | 124 | 124 | 13/16X16 | 7/16 | 0 | 5010 | 5210 | 4622 |
| 4 | 418B 11 9 | 11 | 1- 3/8 | 42 | 124 | 124 | 9/16X16 | 3/8 | 0 | (4632) | 5210 | 4611 |
| 3 | 427B 11 9 | 11 | 1- 3/8 | 36 | 123 | 123 | 3/8 X15 | 3/8 | 0 | 5110 | 4611 | 5210 |
| 3 | 433B 11 9 | 11 | 1- 3/8 | 36 | 123 | 123 | 3/8 X14 | 3/8 | 0 | 5210 | 4611 | 5110 |
| 4 | 442B 11 9 | 11 | 1- 3/8 | 36 | 123 | 124 | 9/16X16 | 3/8 | 0 | 4611 | 5210 | (4632) |
| 3 | 451B 11 9 | 11 | 1- 3/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 4612 | 5210 | 5010 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 409B 11 9 | 10 | 1- 3/8 | 42 | 125 | 124 | 15/16X16 | 7/16 | 0 | 5010 | 5210 | 4622 |
| 4 | 418B 11 9 | 10 | 1- 3/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | (4632) | 5210 | 4611 |
| 3 | 427B 11 9 | 10 | 1- 3/8 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5110 | 4611 | 5210 |
| 3 | 433B 11 9 | 10 | 1- 3/8 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5210 | 4611 | 5110 |
| 4 | 442B 11 9 | 10 | 1- 3/8 | 36 | 123 | 124 | 11/16X16 | 3/8 | 0 | 4611 | 5210 | (4632) |
| 3 | 451B 11 9 | 10 | 1- 3/8 | 36 | 124 | 124 | 15/16X16 | 7/16 | 0 | 4622 | 5210 | 5010 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — NO. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

4-31- 10

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — **Civil & Structural Engineers**

| PROJECT | TITLE | DATE |
|---|---|---|
| THE WORLD TRADE CENTER | EXTERIOR WALL PANEL SCHEDULE | 10-18-68 |

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1008 11 9 | 210 | 147 | 60 | 60 | 692 | 102 | 552 | 60 | 60 | 0 | 0 | 152 | 55 | 55 | 693 | 103 |
| 3008 11 9 | 210 | 147 | 70 | 70 | 692 | 102 | 552 | 70 | 70 | 0 | 0 | 152 | 65 | 65 | 693 | 103 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPL FY4 | SPL SCL | SPL SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 1008 11 9 | 11 | 1- 3/8 | 50 | 133 | 133 | 1- 1/8 X16 | 9/16 | 0 | 5410 | 5010 | 4611 |
| 3 | 3008 11 9 | 11 | 1- 3/8 | 50 | 133 | 133 | 1- 1/16X16 | 9/16 | 0 | 5410 | 5010 | 4611 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPL FY4 | SPL SCL | SPL SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 1008 11 9 | 10 | 1- 3/8 | 50 | 133 | 133 | 1- 5/16X16 | 5/8 | 3/8 | 5410 | 5010 | 4621 |
| 3 | 3008 11 9 | 10 | 1- 3/8 | 50 | 133 | 133 | 1- 1/4 X16 | 9/16 | 0 | 5410 | 5010 | 4611 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 10-18-68

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 106B 12 9 | 300 | 153 | 45 | 45 | 693 | 103 | 156 | 45 | 45 | 693 | 103 | 157 | 45 | 45 | 693 | 103 |
| 115B 12 9 | 300 | 162 | 45 | 45 | 693 | 103 | 162 | 46 | 46 | 693 | 103 | 162 | 46 | 46 | 693 | 103 |
| 124B 12 9 | 300 | 162 | 50 | 50 | 683 | 103 | 162 | 50 | 50 | 683 | 103 | 162 | 50 | 50 | 683 | 103 |
| 136B 12 9 | 30C | 164 | 50 | 50 | 683 | 103 | 164 | 50 | 50 | 683 | 103 | 164 | 50 | 50 | 693 | 103 |
| 145B 12 9 | 30C | 162 | 50 | 50 | 693 | 103 | 162 | 50 | 50 | 693 | 103 | 162 | 50 | 50 | 693 | 103 |
| 154B 12 9 | 30C | 157 | 46 | 46 | 693 | 103 | 156 | 50 | 50 | 693 | 103 | 153 | 50 | 50 | 693 | 103 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 106B 12 9 | 12 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 4621 | 5100 | 4621 |
| 3 | 115B 12 9 | 12 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 5110 | 4621 | 5110 |
| 3 | 124B 12 9 | 12 | 1- 3/8 | 36 | 125 | 124 | 7/8 X16 | 1/2 | 0 | 4611 | 5110 | 4611 |
| 3 | 136B 12 9 | 12 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 4611 | 5110 | 4611 |
| 3 | 145B 12 9 | 12 | 1- 3/8 | 36 | 125 | 125 | 1 X16 | 9/16 | 0 | 5110 | 4611 | 5110 |
| 3 | 154B 12 9 | 12 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 4611 | 5100 | 4611 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 106B 12 9 | 11 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 4611 | 5100 | 4611 |
| 3 | 115B 12 9 | 11 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 5110 | 4621 | 5110 |
| 3 | 124B 12 9 | 11 | 1- 3/8 | 36 | 125 | 124 | 7/8 X16 | 1/2 | 0 | 4611 | 5110 | 4611 |
| 3 | 136B 12 9 | 11 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 4611 | 5110 | 4611 |
| 3 | 145B 12 9 | 11 | 1- 3/8 | 36 | 125 | 125 | 1 X16 | 9/16 | 0 | 5110 | 4621 | 5110 |
| 3 | 154B 12 9 | 11 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 4611 | 5100 | 4611 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 106B 12 9 | 1C | 1- 3/8 | 36 | 125 | 125 | 1- 1/16X16 | 1/2 | 0 | 4621 | 5100 | 4621 |
| 3 | 115B 12 9 | 1C | 1- 3/8 | 36 | 125 | 125 | 1- 1/8 X16 | 9/16 | 0 | 5110 | 4621 | 5110 |
| 3 | 124B 12 9 | 1C | 1- 3/8 | 36 | 125 | 125 | 1- 1/16X16 | 1/2 | 0 | 4611 | 5110 | 4611 |
| 3 | 136B 12 9 | 1C | 1- 3/8 | 36 | 125 | 125 | 1- 1/8 X16 | 9/16 | 0 | 4611 | 5110 | 4611 |
| 3 | 145B 12 9 | 1C | 1- 3/8 | 36 | 125 | 125 | 1- 3/16X16 | 9/16 | 0 | 5110 | 4611 | 5110 |
| 3 | 154B 12 9 | 1C | 1- 3/8 | 36 | 125 | 125 | 1- 1/8 X16 | 1/2 | 0 | 4611 | 5100 | 4611 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

4-B1- 12

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERICR WALL PANEL SCHEDULE | DATE: 10-18-68

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 206B | 12 | 9 | 300 | 138 | 60 | 60 | 682 | 102 | 138 | 60 | 60 | 682 | 102 | 138 | 60 | 60 | 682 | 102 |
| 215B | 12 | 9 | 300 | 144 | 55 | 55 | 682 | 102 | 146 | 50 | 50 | 682 | 102 | 147 | 50 | 50 | 682 | 102 |
| 224B | 12 | 9 | 300 | 146 | 50 | 50 | 492 | 102 | 146 | 50 | 50 | 492 | 102 | 146 | 50 | 50 | 492 | 102 |
| 236B | 12 | 9 | 300 | 146 | 50 | 50 | 492 | 102 | 146 | 50 | 50 | 492 | 102 | 146 | 50 | 50 | 492 | 102 |
| 245B | 12 | 9 | 300 | 147 | 55 | 55 | 492 | 102 | 146 | 55 | 55 | 492 | 102 | 144 | 55 | 55 | 492 | 102 |
| 254B | 12 | 9 | 300 | 138 | 65 | 65 | 682 | 102 | 138 | 65 | 65 | 682 | 102 | 138 | 65 | 65 | 682 | 102 |

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 206B | 12 | 9 | 12 | 1- 3/8 | 42 | 125 | 124 | 13/16X16 | 7/16 | 0 | 5110 | 4612 | 5110 |
| 3 | 215B | 12 | 9 | 12 | 1- 3/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 4612 | 5510 | 5110 |
| 3 | 224B | 12 | 9 | 12 | 1- 3/8 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 4611 | 5110 | 4611 |
| 3 | 236B | 12 | 9 | 12 | 1- 3/8 | 36 | 123 | 123 | 3/8 X15 | 3/8 | 0 | 5110 | 5110 | 4611 |
| 3 | 245B | 12 | 9 | 12 | 1- 3/8 | 42 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 5310 | 4612 |
| 3 | 254B | 12 | 9 | 12 | 1- 3/8 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 4612 | 5110 |

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 206B | 12 | 9 | 11 | 1- 3/8 | 42 | 125 | 124 | 13/16X16 | 7/16 | 0 | 5110 | 4612 | 5110 |
| 3 | 215B | 12 | 9 | 11 | 1- 3/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 4612 | 5510 | 5110 |
| 3 | 224B | 12 | 9 | 11 | 1- 3/8 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 4611 | 5110 | 4611 |
| 3 | 236B | 12 | 9 | 11 | 1- 3/8 | 36 | 123 | 123 | 3/8 X15 | 3/8 | 0 | 4611 | 5110 | 4611 |
| 3 | 245B | 12 | 9 | 11 | 1- 3/8 | 42 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 5310 | 4612 |
| 3 | 254B | 12 | 9 | 11 | 1- 3/8 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 4612 | 5110 |

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 206B | 12 | 9 | 10 | 1- 3/8 | 42 | 125 | 125 | 1 X16 | 7/16 | 0 | 5110 | 4612 | 5110 |
| 3 | 215B | 12 | 9 | 10 | 1- 3/8 | 36 | 124 | 124 | 15/16X16 | 7/16 | 0 | 4612 | 5510 | 5110 |
| 3 | 224B | 12 | 9 | 10 | 1- 3/8 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 4611 | 5110 | 4611 |
| 3 | 236B | 12 | 9 | 10 | 1- 3/8 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5110 | 5110 | 4611 |
| 3 | 245B | 12 | 9 | 10 | 1- 3/8 | 36 | 124 | 124 | 13/16X16 | 3/8 | 0 | 5110 | 5310 | 4612 |
| 3 | 254B | 12 | 9 | 10 | 1- 3/8 | 42 | 124 | 124 | 7/8 X16 | 7/16 | 0 | 5110 | 4612 | 5110 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

4-B1- 13

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 10-18-68

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 306B 12 9 | 30C | 153 | 50 | 50 | 683 | 103 | 156 | 50 | 50 | 683 | 103 | 157 | 50 | 50 | 683 | 103 |
| 315B 12 9 | 30C | 162 | 45 | 45 | 693 | 103 | 162 | 45 | 45 | 693 | 103 | 162 | 45 | 45 | 693 | 103 |
| 324B 12 9 | 30C | 162 | 45 | 45 | 683 | 103 | 162 | 45 | 45 | 683 | 103 | 162 | 45 | 45 | 683 | 103 |
| 336B 12 9 | 30C | 164 | 42 | 42 | 683 | 103 | 164 | 42 | 42 | 683 | 103 | 164 | 42 | 42 | 683 | 103 |
| 345B 12 9 | 30C | 162 | 45 | 45 | 693 | 103 | 162 | 45 | 45 | 693 | 103 | 162 | 45 | 45 | 693 | 103 |
| 354B 12 9 | 30C | 157 | 50 | 50 | 693 | 103 | 156 | 50 | 50 | 693 | 103 | 153 | 55 | 55 | 693 | 103 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 306B 12 9 | 12 | 1- 3/8 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 4611 | 5100 | 4611 |
| 3 | 315B 12 9 | 12 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5110 | 4611 | 5110 |
| 3 | 324B 12 9 | 12 | 1- 3/8 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 4611 | 5110 | 4611 |
| 3 | 336B 12 9 | 12 | 1- 3/8 | 36 | 124 | 125 | 7/8 X16 | 1/2 | 0 | 4611 | 5110 | 4611 |
| 3 | 345B 12 9 | 12 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 5110 | 4621 | 5110 |
| 3 | 354B 12 9 | 12 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 4621 | 5100 | 4621 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 306B 12 9 | 11 | 1- 3/8 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 4611 | 5100 | 4611 |
| 3 | 315B 12 9 | 11 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5110 | 4621 | 5110 |
| 3 | 324B 12 9 | 11 | 1- 3/8 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 4611 | 5110 | 4611 |
| 3 | 336B 12 9 | 11 | 1- 3/8 | 36 | 124 | 125 | 7/8 X16 | 1/2 | 0 | 4621 | 5110 | 4621 |
| 3 | 345B 12 9 | 11 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 5110 | 4631 | 5110 |
| 3 | 354B 12 9 | 11 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 4621 | 5100 | 4621 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 306B 12 9 | 10 | 1- 3/8 | 36 | 125 | 125 | 1 X16 | 1/2 | 0 | 4611 | 5100 | 4611 |
| 3 | 315B 12 9 | 10 | 1- 3/8 | 36 | 125 | 125 | 1- 1/8 X16 | 1/2 | 0 | 5110 | 4611 | 5110 |
| 3 | 324B 12 9 | 10 | 1- 3/8 | 36 | 125 | 124 | 1 X16 | 1/2 | 0 | 4611 | 5110 | 4611 |
| 3 | 336B 12 9 | 10 | 1- 3/8 | 36 | 125 | 125 | 1- 1/8 X16 | 1/2 | 0 | 4611 | 5110 | 4611 |
| 3 | 345B 12 9 | 10 | 1- 3/8 | 36 | 125 | 125 | 1- 3/16X16 | 9/16 | 0 | 5110 | 4621 | 5110 |
| 3 | 354B 12 9 | 10 | 1- 3/8 | 36 | 125 | 125 | 1- 1/8 X16 | 1/2 | 0 | 4621 | 5100 | 4621 |

4-81- 14

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERICR WALL PANEL SCHEDULE | DATE: 10-18-68

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 406B 12 9 | 300 | 138 | 65 | 65 | 682 | 102 | 138 | 65 | 65 | 682 | 102 | 138 | 65 | 65 | 682 | 102 |
| 415B 12 9 | 300 | 144 | 60 | 60 | 682 | 102 | 146 | 55 | 55 | 682 | 102 | 147 | 55 | 55 | 682 | 102 |
| 424B 12 9 | 300 | 146 | 55 | 55 | 492 | 102 | 146 | 55 | 55 | 492 | 102 | 146 | 55 | 55 | 492 | 102 |
| 436B 12 9 | 300 | 146 | 50 | 50 | 492 | 102 | 146 | 50 | 50 | 492 | 102 | 146 | 50 | 50 | 492 | 102 |
| 445B 12 9 | 300 | 147 | 45 | 45 | 492 | 102 | 146 | 45 | 45 | 492 | 102 | 144 | 45 | 45 | 682 | 102 |
| 454B 12 9 | 300 | 138 | 55 | 55 | 682 | 102 | 138 | 55 | 55 | 682 | 102 | 138 | 55 | 55 | 682 | 102 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 406B 12 9 | 12 | 1- 3/8 | 45 | 125 | 124 | 13/16X16 | 7/16 | 0 | 5110 | (4622) | 5110 |
| 3 | 415B 12 9 | 12 | 1- 3/8 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | (4622) | 5510 | 5110 |
| 3 | 424B 12 9 | 12 | 1- 3/8 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | (4611) | 5110 | (4611) |
| 3 | 436B 12 9 | 12 | 1- 3/8 | 36 | 123 | 123 | 3/8 X16 | 3/8 | 0 | (4611) | 5110 | (4611) |
| 3 | 445B 12 9 | 12 | 1- 3/8 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 5310 | (4622) |
| 3 | 454B 12 9 | 12 | 1- 3/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | (4622) | 5110 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 406B 12 9 | 11 | 1- 3/8 | 45 | 125 | 124 | 13/16X16 | 7/16 | 0 | 5110 | (4622) | 5110 |
| 3 | 415B 12 9 | 11 | 1- 3/8 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | (4622) | 5510 | 5110 |
| 3 | 424B 12 9 | 11 | 1- 3/8 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | (4611) | 5110 | (4611) |
| 3 | 436B 12 9 | 11 | 1- 3/8 | 36 | 123 | 123 | 3/8 X16 | 3/8 | 0 | (4611) | 5110 | (4611) |
| 3 | 445B 12 9 | 11 | 1- 3/8 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 5310 | (4612) |
| 3 | 454B 12 9 | 11 | 1- 3/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | (4612) | 5110 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 406B 12 9 | 10 | 1- 3/8 | 42 | 125 | 125 | 1 X16 | 7/16 | 0 | 5110 | (4622) | 5110 |
| 3 | 415B 12 9 | 10 | 1- 3/8 | 36 | 124 | 124 | 15/16X16 | 7/16 | 0 | (4622) | 5510 | 5110 |
| 3 | 424B 12 9 | 10 | 1- 3/8 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | (4611) | 5110 | (4611) |
| 3 | 436B 12 9 | 10 | 1- 3/8 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | (4611) | 5110 | (4611) |
| 3 | 445B 12 9 | 10 | 1- 3/8 | 36 | 124 | 124 | 7/8 X16 | 3/8 | 0 | 5110 | 5310 | (4622) |
| 3 | 454B 12 9 | 10 | 1- 3/8 | 36 | 124 | 124 | 15/16X16 | 7/16 | 0 | 5110 | (4622) | 5110 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34960 — UNIVERSITY OF THE STATE OF NEW YORK

4-B1- 15

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 10-18-68

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 200B 12 10 | 210 | 151 | 60 | 60 | 113 | 113 | 551 | 65 | 65 | 0 | 0 | 146 | 65 | 65 | 692 | 692 |
| 400B 12 10 | 210 | 151 | 65 | 65 | 693 | 113 | 551 | 70 | 70 | 0 | 0 | 146 | 70 | 70 | 692 | 692 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 200B 12 10 | 12 | 1- 3/8 | 50 | 133 | 133 | 1- 1/8 X16 | 5/8 | 3/8 | 461 | 5010 | 5610 |
| 3 | 400B 12 10 | 12 | 1- 3/8 | 50 | 133 | 133 | 1- 1/8 X16 | 5/8 | 3/8 | 462 | 5010 | 5610 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 200B 12 10 | 11 | 1- 3/8 | 50 | 133 | 133 | 1- 3/16X16 | 5/8 | 3/8 | 4611 | 5010 | 5610 |
| 3 | 400B 12 10 | 11 | 1- 3/8 | 50 | 133 | 133 | 1- 1/8 X16 | 5/8 | 3/8 | 462 | 5010 | 5610 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

4-B1- 16

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 10-18-68

DIVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 1038 | 13 | 10 | 300 | 144 | 55 | 55 | 692 | 692 | 147 | 50 | 50 | 682 | 692 | 150 | 46 | 46 | 683 | 693 |
| 1128 | 13 | 10 | 300 | 162 | 45 | 45 | 693 | 693 | 162 | 45 | 45 | 693 | 693 | 162 | 45 | 45 | 693 | 693 |
| 1218 | 13 | 10 | 300 | 162 | 50 | 50 | 693 | 693 | 162 | 50 | 50 | 683 | 693 | 162 | 50 | 50 | 683 | 693 |
| 1308 | 13 | 10 | 300 | 163 | 50 | 50 | 683 | 683 | 163 | 50 | 50 | 683 | 683 | 164 | 50 | 50 | 683 | 683 |
| 1398 | 13 | 10 | 300 | 164 | 50 | 50 | 693 | 693 | 164 | 50 | 50 | 693 | 693 | 163 | 50 | 50 | 693 | 693 |
| 1488 | 13 | 10 | 300 | 162 | 46 | 46 | 693 | 693 | 162 | 46 | 46 | 693 | 693 | 162 | 46 | 46 | 693 | 693 |
| 1578 | 13 | 10 | 300 | 150 | 50 | 50 | 693 | 693 | 147 | 55 | 55 | 692 | 692 | 144 | 60 | 60 | 692 | 692 |

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1038 | 13 | 10 | 13 | 1- 3/8 | 42 | 133 | 125 | 1 X16 | 1/2 | 3/8 | 5110 | 1311 | 5210 |
| | 1128 | 13 | 10 | 13 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 1511 | 5210 | 1411 |
| | 1218 | 13 | 10 | 13 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| | 1308 | 13 | 10 | 13 | 1- 3/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| | 1398 | 13 | 10 | 13 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 5210 | 1411 | 5210 |
| | 1488 | 13 | 10 | 13 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 1411 | 5210 | 1511 |
| 3 | 1578 | 13 | 10 | 13 | 1- 3/8 | 45 | 125 | 133 | 1- 1/16X16 | 1/2 | 3/8 | 5100 | 1311 | 5100 |

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 1038 | 13 | 10 | 12 | 1- 3/8 | 42 | 133 | 125 | 1 X16 | 1/2 | 3/8 | 5100 | 4621 | 5100 |
| 3 | 1128 | 13 | 10 | 12 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 4621 | 5210 | 4621 |
| 3 | 1218 | 13 | 10 | 12 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 4611 | 5210 |
| 3 | 1308 | 13 | 10 | 12 | 1- 3/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 4611 | 5210 | 4611 |
| 3 | 1398 | 13 | 10 | 12 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 5210 | 4611 | 5210 |
| 3 | 1488 | 13 | 10 | 12 | 1- 3/8 | 36 | 125 | 125 | 1 X16 | 9/16 | 0 | 4611 | 5210 | 4611 |
| 3 | 1578 | 13 | 10 | 12 | 1- 3/8 | 46 | 125 | 133 | 1- 1/16X16 | 1/2 | 3/8 | 5100 | 4611 | 5100 |

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 1038 | 13 | 10 | 11 | 1- 3/8 | 42 | 133 | 125 | 1 X16 | 1/2 | 3/8 | 5100 | 4611 | 5100 |
| 3 | 1128 | 13 | 10 | 11 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 4621 | 5210 | 4621 |
| 3 | 1218 | 13 | 10 | 11 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 5210 | 4611 | 5210 |
| 3 | 1308 | 13 | 10 | 11 | 1- 3/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 4611 | 5210 | 4611 |
| 3 | 1398 | 13 | 10 | 11 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 5210 | 4611 | 5210 |
| 3 | 1488 | 13 | 10 | 11 | 1- 3/8 | 36 | 125 | 125 | 1 X16 | 9/16 | 0 | 4621 | 5210 | 4621 |
| 3 | 1578 | 13 | 10 | 11 | 1- 3/8 | 46 | 125 | 133 | 1- 1/16X16 | 1/2 | 3/8 | 5100 | 4611 | 5100 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

4-81- 17

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 10-18-68

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | FY1 | FY2 | CSU | CSL | COLUMN 2 TYPE | FY1 | FY2 | CSU | CSL | COLUMN 3 TYPE | FY1 | FY2 | CSU | CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 203B 13 10 | 30C | 137 | 70 | 70 | 692 | 692 | 137 | 60 | 60 | 682 | 682 | 138 | 60 | 60 | 682 | 682 |
| 212B 13 10 | 30C | 138 | 60 | 60 | 682 | 682 | 140 | 60 | 60 | 682 | 682 | 141 | 55 | 55 | 682 | 682 |
| 221B 13 10 | 30C | 148 | 50 | 50 | 492 | 492 | 147 | 50 | 50 | 492 | 492 | 147 | 50 | 50 | 492 | 492 |
| 230B 13 10 | 30C | 146 | 50 | 50 | 492 | 492 | 146 | 50 | 50 | 442 | 442 | 146 | 50 | 50 | 442 | 442 |
| 239B 13 10 | 30C | 147 | 50 | 50 | 492 | 492 | 147 | 50 | 50 | 492 | 492 | 148 | 50 | 50 | 492 | 492 |
| 248B 13 10 | 30C | 141 | 60 | 60 | 492 | 492 | 140 | 60 | 60 | 492 | 492 | 138 | 60 | 60 | 682 | 682 |
| 257B 13 10 | 30C | 138 | 65 | 65 | 682 | 682 | 137 | 65 | 65 | 682 | 682 | 137 | 75 | 75 | 692 | 692 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 203B 13 10 | 13 | 1- 3/8 | 55 | 133 | 125 | 1 X16 | 1/2 | 5/16 | 1113 | 5210 | 5010 |
| | 212B 13 10 | 13 | 1- 3/8 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 5010 | 5210 |
| | 221B 13 10 | 13 | 1- 3/8 | 36 | 124 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| | 230B 13 10 | 13 | 1- 3/8 | 36 | 123 | 122 | 3/8 X13 | 3/8 | 0 | 1111 | 5210 | 1111 |
| | 239B 13 10 | 13 | 1- 3/8 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| | 248B 13 10 | 13 | 1- 3/8 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 3 | 257B 13 10 | 13 | 1- 3/8 | 60 | 124 | 132 | 7/8 X16 | 7/16 | 0 | 5010 | 5210 | 1113 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 203B 13 10 | 12 | 1- 3/8 | 55 | 133 | 125 | 1 X16 | 1/2 | 5/16 | 4612 | 5210 | 5010 |
| | 212B 13 10 | 12 | 1- 3/8 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 5010 | 5210 |
| 3 | 221B 13 10 | 12 | 1- 3/8 | 36 | 124 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 4611 | 5210 |
| 3 | 230B 13 10 | 12 | 1- 3/8 | 36 | 123 | 122 | 3/8 X13 | 3/8 | 0 | 4611 | 5210 | 5210 |
| 3 | 239B 13 10 | 12 | 1- 3/8 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5210 | 4611 | 5210 |
| | 248B 13 10 | 12 | 1- 3/8 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 3 | 257B 13 10 | 12 | 1- 3/8 | 55 | 124 | 133 | 7/8 X16 | 7/16 | 0 | 5010 | 5210 | 4612 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 203B 13 10 | 11 | 1- 3/8 | 55 | 133 | 125 | 1 X16 | 1/2 | 5/16 | 4612 | 5210 | 5010 |
| | 212B 13 10 | 11 | 1- 3/8 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 5010 | 5210 |
| 3 | 221B 13 10 | 11 | 1- 3/8 | 36 | 124 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 4611 | 5210 |
| 3 | 230B 13 10 | 11 | 1- 3/8 | 36 | 123 | 122 | 3/8 X13 | 3/8 | 0 | 4611 | 5210 | 4611 |
| 3 | 239B 13 10 | 11 | 1- 3/8 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5210 | 4611 | 5210 |
| | 248B 13 10 | 11 | 1- 3/8 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 3 | 257B 13 10 | 11 | 1- 3/8 | 55 | 124 | 133 | 7/8 X16 | 7/16 | 0 | 5010 | 5210 | 4612 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

4-81- 18

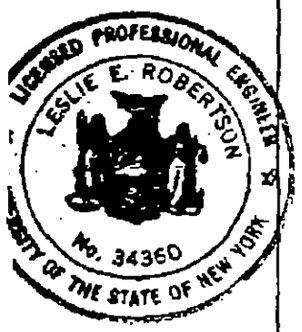
**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 10-18-68

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 303B 13 10 | 300 | 144 | 60 | 60 | 692 | 692 | 147 | 55 | 55 | 682 | 682 | 150 | 55 | 55 | 683 | 683 |
| 312B 13 10 | 300 | 162 | 45 | 45 | 683 | 693 | 162 | 45 | 45 | 683 | 693 | 162 | 45 | 45 | 683 | 693 |
| 321B 13 10 | 300 | 162 | 42 | 42 | 683 | 683 | 162 | 45 | 45 | 683 | 683 | 162 | 45 | 45 | 683 | 683 |
| 330B 13 10 | 300 | 163 | 42 | 42 | 683 | 683 | 163 | 42 | 42 | 683 | 683 | 164 | 42 | 42 | 683 | 683 |
| 339B 13 10 | 300 | 164 | 42 | 42 | 683 | 693 | 164 | 42 | 42 | 683 | 693 | 163 | 42 | 42 | 693 | 693 |
| 348B 13 10 | 300 | 162 | 45 | 45 | 693 | 693 | 162 | 46 | 46 | 693 | 693 | 162 | 46 | 46 | 693 | 693 |
| 357B 13 10 | 300 | 150 | 55 | 55 | 693 | 693 | 147 | 55 | 55 | 692 | 692 | 144 | 65 | 65 | 692 | 692 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPL FY4 | SPL SCL | SPL SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 303B 13 10 | 13 | 1- 3/8 | 50 | 133 | 124 | 15/16X16 | 1/2 | 3/8 | 5100 | 1311 | 5100 |
| | 312B 13 10 | 13 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| | 321B 13 10 | 13 | 1- 3/8 | 36 | 125 | 124 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| | 330B 13 10 | 13 | 1- 3/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| | 339B 13 10 | 13 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| | 348B 13 10 | 13 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 1411 | 5210 | 1511 |
| | 357B 13 10 | 13 | 1- 3/8 | 50 | 125 | 133 | 1- 1/16X16 | 1/2 | 3/8 | 5210 | 1311 | 5110 |




| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPL FY4 | SPL SCL | SPL SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 303B 13 10 | 12 | 1- 3/8 | 50 | 133 | 125 | 15/16X16 | 1/2 | 3/8 | 5100 | 4611 | 5100 |
| 3 | 312B 13 10 | 12 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 4611 | 5210 | 4611 |
| 3 | 321B 13 10 | 12 | 1- 3/8 | 36 | 125 | 124 | 7/8 X16 | 1/2 | 0 | 5210 | 4611 | 5210 |
| 3 | 330B 13 10 | 12 | 1- 3/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 4611 | 5210 | 4611 |
| 3 | 339B 13 10 | 12 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 5210 | 4611 | 5210 |
| 3 | 348B 13 10 | 12 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 4621 | 5210 | 4621 |
| 3 | 357B 13 10 | 12 | 1- 3/8 | 50 | 125 | 133 | 1- 1/16X16 | 1/2 | 3/8 | 5100 | 4621 | 5100 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPL FY4 | SPL SCL | SPL SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 303B 13 10 | 11 | 1- 3/8 | 50 | 133 | 125 | 15/16X16 | 1/2 | 3/8 | 5100 | 4611 | 5100 |
| 3 | 312B 13 10 | 11 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 4621 | 5210 | 4621 |
| 3 | 321B 13 10 | 11 | 1- 3/8 | 36 | 125 | 124 | 7/8 X16 | 1/2 | 0 | 5210 | 4611 | 5210 |
| 3 | 330B 13 10 | 11 | 1- 3/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 4621 | 5210 | 4621 |
| 3 | 339B 13 10 | 11 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 5210 | 4621 | 5210 |
| 3 | 348B 13 10 | 11 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 4631 | 5210 | 4631 |
| 3 | 357B 13 10 | 11 | 1- 3/8 | 50 | 125 | 133 | 1- 1/16X16 | 1/2 | 3/8 | 5100 | 4621 | 5100 |

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 10-18-68

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | FY1 | FY2 | CSU | CSL | COLUMN 2 TYPE | FY1 | FY2 | CSU | CSL | COLUMN 3 TYPE | FY1 | FY2 | CSU | CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4038 13 1C | 300 | 137 | 75 | 75 | 692 | 692 | 137 | 70 | 70 | 682 | 682 | 138 | 70 | 70 | 682 | 682 |
| 4128 13 1C | 300 | 138 | 65 | 65 | 682 | 682 | 140 | 65 | 65 | 682 | 682 | 141 | 60 | 60 | 682 | 682 |
| 4218 13 1C | 300 | 148 | 55 | 55 | 492 | 492 | 147 | 55 | 55 | 492 | 492 | 147 | 55 | 55 | 492 | 492 |
| 4308 13 1C | 300 | 146 | 50 | 50 | 442 | 492 | 146 | 50 | 50 | 442 | 442 | 146 | 50 | 50 | 442 | 442 |
| 4398 13 1C | 300 | 147 | 46 | 46 | 492 | 492 | 147 | 46 | 46 | 492 | 492 | 148 | 45 | 45 | 492 | 492 |
| 4488 13 1C | 300 | 141 | 46 | 46 | 682 | 682 | 140 | 50 | 50 | 682 | 682 | 138 | 50 | 50 | 682 | 682 |
| 4578 13 1C | 300 | 138 | 60 | 60 | 682 | 682 | 137 | 60 | 60 | 682 | 682 | 137 | 65 | 65 | 692 | 692 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 4038 13 1C | 13 | 1- 3/8 | 60 | 133 | 124 | 15/16X16 | 1/2 | 5/16 | 1113 | 5210 | 5010 |
| | 4128 13 1C | 13 | 1- 3/8 | 45 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 5010 | 5210 |
| | 4218 13 1C | 13 | 1- 3/8 | 36 | 124 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| | 4308 13 1C | 13 | 1- 3/8 | 36 | 123 | 123 | 3/8 X13 | 3/8 | 0 | 1111 | 5210 | 1111 |
| | 4398 13 1C | 13 | 1- 3/8 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| | 4488 13 1C | 13 | 1- 3/8 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 3 | 4578 13 1C | 13 | 1- 3/8 | 50 | 124 | 133 | 15/16X16 | 1/2 | 5/16 | 5010 | 5210 | 1113 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 4038 13 1C | 12 | 1- 3/8 | 60 | 133 | 125 | 15/16X16 | 1/2 | 5/16 | 4622 | 5210 | 5010 |
| | 4128 13 1C | 12 | 1- 3/8 | 45 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 5010 | 5210 |
| 3 | 4218 13 1C | 12 | 1- 3/8 | 36 | 124 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 4611 | 5210 |
| 3 | 4308 13 1C | 12 | 1- 3/8 | 36 | 123 | 123 | 3/8 X13 | 3/8 | 0 | 4611 | 5210 | 4611 |
| 3 | 4398 13 1C | 12 | 1- 3/8 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5210 | 4611 | 5210 |
| | 4488 13 1C | 12 | 1- 3/8 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 3 | 4578 13 1C | 12 | 1- 3/8 | 50 | 124 | 133 | 15/16X16 | 1/2 | 5/16 | 5010 | 5210 | 4622 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 4038 13 1C | 11 | 1- 3/8 | 60 | 133 | 125 | 1 X16 | 1/2 | 5/16 | 4622 | 5210 | 5010 |
| | 4128 13 1C | 11 | 1- 3/8 | 45 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 5010 | 5210 |
| 3 | 4218 13 1C | 11 | 1- 3/8 | 36 | 124 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 4611 | 5210 |
| 3 | 4308 13 1C | 11 | 1- 3/8 | 36 | 123 | 123 | 3/8 X13 | 3/8 | 0 | 4611 | 5210 | 4611 |
| 3 | 4398 13 1C | 11 | 1- 3/8 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5210 | 4611 | 5210 |
| | 4488 13 1C | 11 | 1- 3/8 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 3 | 4578 13 1C | 11 | 1- 3/8 | 50 | 124 | 133 | 15/16X16 | 1/2 | 5/16 | 5010 | 5210 | 4612 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

4-B1- 20

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — **Civil & Structural Engineers**

| PROJECT | TITLE | DATE |
|---|---|---|
| THE WORLD TRADE CENTER | EXTERIOR WALL PANEL SCHEDULE | 10-18-68 |

EVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100B 13 11 | 21C | 146 | 60 | 60 | 692 | 692 | 551 | 60 | 60 | 0 | 0 | 151 | 55 | 55 | 693 | 693 |
| 300B 13 11 | 210 | 146 | 70 | 70 | 692 | 692 | 551 | 70 | 70 | 0 | 0 | 151 | 65 | 65 | 693 | 693 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 100B 13 11 | 13 | 1- 3/8 | 50 | 133 | 133 | 1- 1/16X16 | 9/16 | 0 | 5410 | 5010 | (141) |
| 3 | 300B 13 11 | 13 | 1- 3/8 | 50 | 132 | 133 | 1- 1/16X16 | 9/16 | 0 | 5410 | 5010 | (141) |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 100B 13 11 | 12 | 1- 3/8 | 50 | 133 | 133 | 1- 1/8 X16 | 9/16 | 0 | 5410 | 5010 | (462) |
| 3 | 300B 13 11 | 12 | 1- 3/8 | 50 | 133 | 133 | 1- 1/16X16 | 9/16 | 0 | 5410 | 5010 | (461) |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — STATE OF NEW YORK

4-81- 21

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 10-18-68

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 1098 14 11 | 300 | 158 | 45 | 45 | 693 | 693 | 159 | 45 | 45 | 693 | 693 | 161 | 45 | 45 | 693 | 693 |
| 1188 14 11 | 300 | 161 | 46 | 46 | 693 | 693 | 161 | 46 | 46 | 693 | 693 | 161 | 50 | 50 | 693 | 693 |
| 1278 14 11 | 300 | 161 | 50 | 50 | 683 | 683 | 162 | 50 | 50 | 683 | 683 | 162 | 50 | 50 | 683 | 683 |
| 1338 14 11 | 300 | 163 | 50 | 50 | 683 | 683 | 163 | 50 | 50 | 683 | 683 | 163 | 50 | 50 | 683 | 683 |
| 1428 14 11 | 300 | 162 | 50 | 50 | 693 | 693 | 162 | 50 | 50 | 693 | 693 | 162 | 50 | 50 | 693 | 693 |
| 1518 14 11 | 300 | 161 | 45 | 45 | 693 | 693 | 159 | 45 | 45 | 693 | 693 | 158 | 46 | 46 | 693 | 693 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 1098 14 11 | 14 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 1188 14 11 | 14 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 1278 14 11 | 14 | 1- 3/8 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5110 | 1411 | 5210 |
| 1338 14 11 | 14 | 1- 3/8 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 1428 14 11 | 14 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 1411 | 5210 | 1411 |
| 1518 14 11 | 14 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 1098 14 11 | 13 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 1188 14 11 | 13 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 1278 14 11 | 13 | 1- 3/8 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5110 | 1411 | 5210 |
| 1338 14 11 | 13 | 1- 3/8 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 1428 14 11 | 13 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 1411 | 5210 | 1411 |
| 3 1518 14 11 | 13 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 5210 | 1411 | (5100) |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 3 1098 14 11 | 12 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | (5100) | (4621) | (5100) |
| 3 1188 14 11 | 12 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | (4621) | 5210 | (4611) |
| 3 1278 14 11 | 12 | 1- 3/8 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5110 | (4611) | 5210 |
| 3 1338 14 11 | 12 | 1- 3/8 | 36 | 124 | 125 | 13/16X16 | 1/2 | 0 | 5210 | (4611) | 5110 |
| 3 1428 14 11 | 12 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | (4611) | 5210 | (4611) |
| 3 1518 14 11 | 12 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | (5100) | (4611) | (5100) |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 209B 14 11 | 300 | 138 | 60 | 60 | 682 | 682 | 138 | 60 | 60 | 682 | 682 | 138 | 60 | 60 | 682 | 682 |
| 218B 14 11 | 300 | 148 | 50 | 50 | 492 | 682 | 148 | 50 | 50 | 492 | 492 | 148 | 50 | 50 | 492 | 492 |
| 227B 14 11 | 300 | 145 | 50 | 50 | 492 | 492 | 145 | 50 | 50 | 492 | 492 | 145 | 50 | 50 | 492 | 492 |
| 233B 14 11 | 300 | 145 | 50 | 50 | 442 | 442 | 145 | 50 | 50 | 442 | 442 | 145 | 50 | 50 | 442 | 442 |
| 242B 14 11 | 300 | 148 | 55 | 55 | 492 | 492 | 148 | 55 | 55 | 492 | 492 | 148 | 55 | 55 | 492 | 492 |
| 251B 14 11 | 300 | 138 | 60 | 60 | 682 | 682 | 138 | 60 | 60 | 682 | 682 | 138 | 60 | 60 | 682 | 682 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 209B 14 11 | 14 | 1- 3/8 | 42 | 124 | 124 | 13/16X16 | 7/16 | 0 | 5010 | 5210 | 1212 |
| 218B 14 11 | 14 | 1- 3/8 | 36 | 124 | 124 | 9/16X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 227B 14 11 | 14 | 1- 3/8 | 36 | 123 | 123 | 3/8 X15 | 3/8 | 0 | 5110 | 1111 | 5210 |
| 233B 14 11 | 14 | 1- 3/8 | 36 | 122 | 123 | 3/8 X13 | 3/8 | 0 | 5210 | 1111 | 5110 |
| 242B 14 11 | 14 | 1- 3/8 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 251B 14 11 | 14 | 1- 3/8 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 209B 14 11 | 13 | 1- 3/8 | 42 | 124 | 124 | 13/16X16 | 7/16 | 0 | 5010 | 5210 | 1113 |
| | 218B 14 11 | 13 | 1- 3/8 | 36 | 124 | 124 | 9/16X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| | 227B 14 11 | 13 | 1- 3/8 | 36 | 123 | 123 | 3/8 X15 | 3/8 | 0 | 5110 | 1111 | 5210 |
| | 233B 14 11 | 13 | 1- 3/8 | 36 | 122 | 123 | 3/8 X13 | 3/8 | 0 | 5210 | 1111 | 5110 |
| | 242B 14 11 | 13 | 1- 3/8 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 3 | 251B 14 11 | 13 | 1- 3/8 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1113 | 5210 | 5010 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 209B 14 11 | 12 | 1- 3/8 | 42 | 124 | 124 | 13/16X16 | 7/16 | 0 | 5010 | 5210 | 4612 |
| 4 | 218B 14 11 | 12 | 1- 3/8 | 36 | 124 | 124 | 9/16X16 | 3/8 | 0 | (4632) | 5210 | 4611 |
| 3 | 227B 14 11 | 12 | 1- 3/8 | 36 | 123 | 123 | 3/8 X15 | 3/8 | 0 | 5110 | 4611 | 5210 |
| 3 | 233B 14 11 | 12 | 1- 3/8 | 36 | 122 | 123 | 3/8 X13 | 3/8 | 0 | 4611 | 5210 | 4611 |
| 4 | 242B 14 11 | 12 | 1- 3/8 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 4611 | 5210 | (4632) |
| 3 | 251B 14 11 | 12 | 1- 3/8 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 4612 | 5210 | 5010 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 10-18-68

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 3098 | 14 | 11 | 30C | 158 | 50 | 50 | 683 | 683 | 159 | 46 | 46 | 683 | 683 | 161 | 45 | 45 | 683 | 693 |
| 3188 | 14 | 11 | 30C | 161 | 45 | 45 | 683 | 683 | 161 | 42 | 42 | 683 | 683 | 161 | 42 | 42 | 683 | 683 |
| 3278 | 14 | 11 | 30C | 161 | 45 | 45 | 683 | 683 | 162 | 45 | 45 | 683 | 683 | 162 | 45 | 45 | 683 | 683 |
| 3338 | 14 | 11 | 30C | 163 | 42 | 42 | 683 | 683 | 163 | 42 | 42 | 683 | 683 | 163 | 42 | 42 | 683 | 683 |
| 3428 | 14 | 11 | 30C | 162 | 45 | 45 | 693 | 693 | 162 | 45 | 45 | 693 | 693 | 162 | 45 | 45 | 693 | 693 |
| 3518 | 14 | 11 | 30C | 161 | 50 | 50 | 693 | 693 | 159 | 50 | 50 | 693 | 693 | 158 | 50 | 50 | 693 | 693 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 3098 | 14 | 11 | 14 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 3188 | 14 | 11 | 14 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 3278 | 14 | 11 | 14 | 1- 3/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5110 | 1411 | 5210 |
| 3338 | 14 | 11 | 14 | 1- 3/8 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 3428 | 14 | 11 | 14 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 1411 | 5210 | 1411 |
| 3518 | 14 | 11 | 14 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 3 | 3098 | 14 | 11 | 13 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5100 | 1411 | 5210 |
| | 3188 | 14 | 11 | 13 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| | 3278 | 14 | 11 | 13 | 1- 3/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5110 | 1411 | 5210 |
| | 3338 | 14 | 11 | 13 | 1- 3/8 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| | 3428 | 14 | 11 | 13 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 1411 | 5210 | 1411 |
| | 3518 | 14 | 11 | 13 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 3 | 3098 | 14 | 11 | 12 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5100 | 4611 | 5100 |
| 3 | 3188 | 14 | 11 | 12 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 4611 | 5210 | 4611 |
| 3 | 3278 | 14 | 11 | 12 | 1- 3/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5110 | 4611 | 5210 |
| 3 | 3338 | 14 | 11 | 12 | 1- 3/8 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5210 | 4611 | 5110 |
| 3 | 3428 | 14 | 11 | 12 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 4611 | 5210 | 4621 |
| 3 | 3518 | 14 | 11 | 12 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 5100 | 4621 | 5100 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — STATE OF NEW YORK

**SKILLING, HELLE, CHRISTIANSEN, ROBERTSON** — **Structural & Civil Engineers**

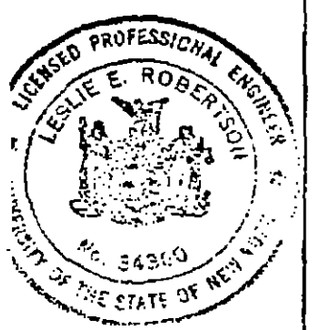
PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 3-12-69

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4098 14 11 | 300 | 138 | 65 | 65 | 682 | 682 | 138 | 65 | 65 | 682 | 682 | 138 | 65 | 65 | 682 | 682 |
| 4188 14 11 | 300 | 148 | 55 | 55 | 492 | 492 | 148 | 55 | 55 | 492 | 492 | 148 | 55 | 55 | 492 | 492 |
| 4278 14 11 | 300 | 145 | 55 | 55 | 492 | 492 | 145 | 55 | 55 | 492 | 492 | 145 | 55 | 55 | 492 | 492 |
| 4338 14 11 | 300 | 145 | 50 | 50 | 442 | 442 | 145 | 50 | 50 | 442 | 442 | 145 | 50 | 50 | 492 | 492 |
| 4428 14 11 | 300 | 148 | 45 | 45 | 492 | 492 | 148 | 45 | 45 | 492 | 492 | 148 | 45 | 45 | 492 | 492 |
| 4518 14 11 | 300 | 138 | 50 | 50 | 682 | 682 | 138 | 55 | 55 | 682 | 682 | 138 | 55 | 55 | 682 | 682 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | WELD NO 6 | WELD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4098 14 11 | 14 | 1- 3/8 | 45 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5010 | 5210 | 1212 |
| 4188 14 11 | 14 | 1- 3/8 | 42 | 124 | 123 | 9/16X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 4278 14 11 | 14 | 1- 3/8 | 36 | 123 | 123 | 3/8 X14 | 3/8 | 0 | 5110 | 1111 | 5210 |
| 4338 14 11 | 14 | 1- 3/8 | 36 | 123 | 123 | 3/8 X14 | 3/8 | 0 | 5210 | 1111 | 5110 |
| 4428 14 11 | 14 | 1- 3/8 | 36 | 123 | 124 | 1/2 X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 4518 14 11 | 14 | 1- 3/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1212 | 5210 | 5010 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | WELD NO 6 | WELD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 4098 14 11 | 13 | 1- 3/8 | 45 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5010 | 5210 | 1113 |
| | 4188 14 11 | 13 | 1- 3/8 | 42 | 124 | 124 | 9/16X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| | 4278 14 11 | 13 | 1- 3/8 | 36 | 123 | 123 | 3/8 X14 | 3/8 | 0 | 5110 | 1111 | 5210 |
| | 4338 14 11 | 13 | 1- 3/8 | 36 | 123 | 123 | 3/8 X14 | 3/8 | 0 | 5210 | 1111 | 5110 |
| | 4428 14 11 | 13 | 1- 3/8 | 36 | 123 | 124 | 1/2 X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 3 | 4518 14 11 | 13 | 1- 3/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1113 | 5210 | 5010 |




| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | WELD NO 6 | WELD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 4098 14 11 | 12 | 1- 3/8 | 45 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5010 | 5210 | 4622 |
| 4 | 4188 14 11 | 12 | 1- 3/8 | 36 | 124 | 124 | 9/16X16 | 3/8 | 0 | (4632) | 5210 | 4611 |
| 3 | 4278 14 11 | 12 | 1- 3/8 | 36 | 123 | 123 | 3/8 X14 | 3/8 | 0 | 5110 | 4611 | 5210 |
| 3 | 4338 14 11 | 12 | 1- 3/8 | 36 | 123 | 123 | 3/8 X14 | 3/8 | 0 | 5210 | 4611 | 5110 |
| 4 | 4428 14 11 | 12 | 1- 3/8 | 36 | 123 | 124 | 9/16X16 | 3/8 | 0 | 4611 | 5210 | (4632) |
| 3 | 4518 14 11 | 12 | 1- 3/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 4622 | 5210 | 5010 |

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 2008 | 14 | 12 | 210 | 150 | 60 | 60 | 693 | 113 | 550 | 65 | 65 | 0 | 0 | 145 | 65 | 65 | 692 | 692 |
| 4008 | 14 | 12 | 210 | 150 | 65 | 65 | 693 | 693 | 550 | 70 | 70 | 0 | 0 | 145 | 70 | 70 | 692 | 692 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 2008 | 14 | 12 | 14 | 1- 3/8 | 50 | 133 | 133 | 1- 1/8 X16 | 5/8 | 3/8 | 1313 | 5010 | 5610 |
| 4008 | 14 | 12 | 14 | 1- 3/8 | 50 | 133 | 133 | 1- 1/8 X16 | 9/16 | 0 | 1313 | 5010 | 5610 |

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 3 | 2008 | 14 | 12 | 13 | 1- 3/8 | 50 | 133 | 133 | 1- 1/8 X16 | 5/8 | 3/8 | 1411 | 5010 | 5610 |
| 3 | 4008 | 14 | 12 | 13 | 1- 3/8 | 50 | 133 | 133 | 1- 1/8 X16 | 5/8 | 3/8 | 1411 | 5010 | 5610 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — **Civil & Structural Engineers**

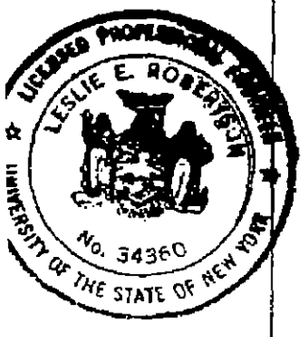
| PROJECT | TITLE | DATE |
|---|---|---|
| THE WORLD TRADE CENTER | EXTERIOR WALL PANEL SCHEDULE | 10-18-68 |

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 1068 15 12 | 300 | 153 | 46 | 46 | 683 | 693 | 154 | 45 | 45 | 683 | 693 | 156 | 45 | 45 | 693 | 693 |
| 1158 15 12 | 300 | 161 | 45 | 45 | 693 | 693 | 161 | 46 | 46 | 693 | 693 | 161 | 46 | 46 | 693 | 693 |
| 1248 15 12 | 300 | 161 | 50 | 50 | 683 | 683 | 161 | 50 | 50 | 683 | 683 | 161 | 50 | 50 | 683 | 683 |
| 1368 15 12 | 300 | 162 | 50 | 50 | 683 | 683 | 162 | 50 | 50 | 683 | 683 | 162 | 50 | 50 | 683 | 693 |
| 1458 15 12 | 300 | 161 | 50 | 50 | 693 | 693 | 161 | 50 | 50 | 693 | 693 | 161 | 50 | 50 | 693 | 693 |
| 1548 15 12 | 300 | 156 | 50 | 50 | 693 | 693 | 154 | 50 | 50 | 693 | 693 | 153 | 50 | 50 | 693 | 693 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 1068 15 12 | 15 | 1- 3/8 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1311 | 5110 | 1411 |
| 1158 15 12 | 15 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 1248 15 12 | 15 | 1- 3/8 | 36 | 125 | 124 | 7/8 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 1368 15 12 | 15 | 1- 3/8 | 36 | 124 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 1458 15 12 | 15 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 5110 | 1411 | 5110 |
| 1548 15 12 | 15 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 1068 15 12 | 14 | 1- 3/8 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1311 | 5110 | 1411 |
| 1158 15 12 | 14 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 1248 15 12 | 14 | 1- 3/8 | 36 | 125 | 124 | 7/8 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 1368 15 12 | 14 | 1- 3/8 | 36 | 124 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 1458 15 12 | 14 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 5110 | 1411 | 5110 |
| 1548 15 12 | 14 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5110 | 1311 |




| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 1068 15 12 | 13 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1311 | 5110 | 1411 |
| 1158 15 12 | 13 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 1248 15 12 | 13 | 1- 3/8 | 36 | 125 | 124 | 7/8 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 1368 15 12 | 13 | 1- 3/8 | 36 | 124 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 1458 15 12 | 13 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 5110 | 1411 | 5110 |
| 3 1548 15 12 | 13 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5100 | 1311 |

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 10-18-68

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 2068 | 15 | 12 | 300 | 137 | 60 | 60 | 682 | 682 | 138 | 60 | 60 | 682 | 682 | 138 | 60 | 60 | 682 | 682 |
| 2158 | 15 | 12 | 300 | 143 | 55 | 55 | 682 | 682 | 145 | 50 | 50 | 682 | 682 | 147 | 50 | 50 | 682 | 682 |
| 2248 | 15 | 12 | 300 | 145 | 50 | 50 | 492 | 492 | 145 | 50 | 50 | 492 | 492 | 145 | 50 | 50 | 492 | 492 |
| 2368 | 15 | 12 | 300 | 145 | 50 | 50 | 492 | 492 | 145 | 50 | 50 | 492 | 492 | 145 | 50 | 50 | 492 | 492 |
| 2458 | 15 | 12 | 300 | 147 | 55 | 55 | 492 | 492 | 145 | 55 | 55 | 492 | 492 | 143 | 55 | 55 | 492 | 492 |
| 2548 | 15 | 12 | 300 | 138 | 65 | 65 | 682 | 682 | 138 | 65 | 65 | 682 | 682 | 137 | 65 | 65 | 682 | 682 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 2068 | 15 | 12 | 15 | 1- 3/8 | 42 | 125 | 124 | 13/16X16 | 7/16 | 0 | 5110 | 1212 | 5110 |
| 2158 | 15 | 12 | 15 | 1- 3/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1212 | 5510 | 5110 |
| 2248 | 15 | 12 | 15 | 1- 3/8 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 2368 | 15 | 12 | 15 | 1- 3/8 | 36 | 123 | 123 | 3/8 X14 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 2458 | 15 | 12 | 15 | 1- 3/8 | 42 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 5310 | 1212 |
| 2548 | 15 | 12 | 15 | 1- 3/8 | 45 | 124 | 124 | 3/4 X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 2068 | 15 | 12 | 14 | 1- 3/8 | 42 | 125 | 124 | 13/16X16 | 7/16 | 0 | 5110 | 1212 | 5110 |
| 2158 | 15 | 12 | 14 | 1- 3/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1212 | 5510 | 5110 |
| 2248 | 15 | 12 | 14 | 1- 3/8 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 2368 | 15 | 12 | 14 | 1- 3/8 | 36 | 123 | 123 | 3/8 X14 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 2458 | 15 | 12 | 14 | 1- 3/8 | 42 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 5310 | 1212 |
| 2548 | 15 | 12 | 14 | 1- 3/8 | 45 | 124 | 124 | 3/4 X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 3 | 2068 | 15 | 12 | 13 | 1- 3/8 | 42 | 125 | 124 | 13/16X16 | 7/16 | 0 | 5110 | 1113 | 5110 |
| 3 | 2158 | 15 | 12 | 13 | 1- 3/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1113 | 5510 | 5110 |
| | 2248 | 15 | 12 | 13 | 1- 3/8 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| | 2368 | 15 | 12 | 13 | 1- 3/8 | 36 | 123 | 123 | 3/8 X14 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 3 | 2458 | 15 | 12 | 13 | 1- 3/8 | 42 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 5310 | 1113 |
| 3 | 2548 | 15 | 12 | 13 | 1- 3/8 | 45 | 124 | 124 | 3/4 X16 | 3/8 | 0 | 5110 | 1113 | 5110 |

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 10-18-68

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3068 | 15 | 12 | 300 | 153 | 50 | 50 | 683 | 683 | 154 | 50 | 50 | 683 | 683 | 156 | 50 | 50 | 683 | 683 |
| 3158 | 15 | 12 | 300 | 161 | 45 | 45 | 683 | 693 | 161 | 45 | 45 | 683 | 693 | 161 | 45 | 45 | 683 | 693 |
| 3248 | 15 | 12 | 300 | 161 | 45 | 45 | 683 | 683 | 161 | 45 | 45 | 683 | 683 | 161 | 45 | 45 | 683 | 683 |
| 3368 | 15 | 12 | 300 | 162 | 42 | 42 | 683 | 683 | 162 | 42 | 42 | 683 | 683 | 162 | 42 | 42 | 683 | 683 |
| 3458 | 15 | 12 | 300 | 161 | 45 | 45 | 693 | 693 | 161 | 45 | 45 | 693 | 693 | 161 | 45 | 45 | 693 | 693 |
| 3548 | 15 | 12 | 300 | 156 | 50 | 50 | 693 | 693 | 154 | 50 | 50 | 693 | 693 | 153 | 55 | 55 | 693 | 693 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | WELD NO 6 | WELD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3068 | 15 | 12 | 15 | 1- 3/8 | 36 | 124 | 125 | 13/16X16 | 1/2 | 0 | 1311 | 5110 | 1411 |
| 3158 | 15 | 12 | 15 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 3248 | 15 | 12 | 15 | 1- 3/8 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 3368 | 15 | 12 | 15 | 1- 3/8 | 36 | 124 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 3458 | 15 | 12 | 15 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 5110 | 1411 | 5110 |
| 3548 | 15 | 12 | 15 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | WELD NO 6 | WELD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3068 | 15 | 12 | 14 | 1- 3/8 | 36 | 124 | 125 | 13/16X16 | 1/2 | 0 | 1311 | 5110 | 1411 |
| 3158 | 15 | 12 | 14 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 3248 | 15 | 12 | 14 | 1- 3/8 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 3368 | 15 | 12 | 14 | 1- 3/8 | 36 | 124 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 3458 | 15 | 12 | 14 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 5110 | 1411 | 5110 |
| 3548 | 15 | 12 | 14 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5110 | 1311 |

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | WELD NO 6 | WELD NC 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 3068 | 15 | 12 | 13 | 1- 3/8 | 36 | 124 | 125 | 13/16X16 | 1/2 | 0 | 1311 | 5100 | 1411 |
| | 3158 | 15 | 12 | 13 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| | 3248 | 15 | 12 | 13 | 1- 3/8 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| | 3368 | 15 | 12 | 13 | 1- 3/8 | 36 | 124 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| | 3458 | 15 | 12 | 13 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 5110 | 1411 | 5110 |
| | 3548 | 15 | 12 | 13 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5110 | 1311 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERICR WALL PANEL SCHEDULE | DATE: 10-18-68

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | FY1 | FY2 | CSU | CSL | COLUMN 2 TYPE | FY1 | FY2 | CSU | CSL | COLUMN 3 TYPE | FY1 | FY2 | CSU | CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 406B 15 12 | 300 | 137 | 65 | 65 | 682 | 682 | 138 | 65 | 65 | 682 | 682 | 138 | 65 | 65 | 682 | 682 |
| 415B 15 12 | 300 | 143 | 60 | 60 | 682 | 682 | 145 | 55 | 55 | 492 | 682 | 147 | 55 | 55 | 492 | 682 |
| 424B 15 12 | 300 | 145 | 55 | 55 | 492 | 492 | 145 | 55 | 55 | 492 | 492 | 145 | 55 | 55 | 492 | 492 |
| 436B 15 12 | 300 | 145 | 50 | 50 | 492 | 492 | 145 | 50 | 50 | 492 | 492 | 145 | 50 | 50 | 492 | 492 |
| 445B 15 12 | 300 | 147 | 45 | 45 | 492 | 492 | 145 | 45 | 45 | 492 | 492 | 143 | 45 | 45 | 492 | 682 |
| 454B 15 12 | 300 | 138 | 55 | 55 | 682 | 682 | 138 | 55 | 55 | 682 | 682 | 137 | 55 | 55 | 682 | 682 |

X

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 406B 15 12 | 15 | 1- 3/8 | 45 | 124 | 124 | 13/16X16 | 7/16 | 0 | 5110 | 1212 | 5110 |
| 415B 15 12 | 15 | 1- 3/8 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 424B 15 12 | 15 | 1- 3/8 | 36 | 123 | 123 | 3/8 X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 436B 15 12 | 15 | 1- 3/8 | 36 | 123 | 123 | 3/8 X15 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 445B 15 12 | 15 | 1- 3/8 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 5310 | 1212 |
| 454B 15 12 | 15 | 1- 3/8 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 406B 15 12 | 14 | 1- 3/8 | 45 | 124 | 124 | 13/16X16 | 7/16 | 0 | 5110 | 1212 | 5110 |
| 415B 15 12 | 14 | 1- 3/8 | 42 | 124 | 124 | 3/4 X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 424B 15 12 | 14 | 1- 3/8 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 436B 15 12 | 14 | 1- 3/8 | 36 | 123 | 123 | 3/8 X15 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 445B 15 12 | 14 | 1- 3/8 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 5310 | 1212 |
| 454B 15 12 | 14 | 1- 3/8 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1212 | 5110 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 406B 15 12 | 13 | 1- 3/8 | 45 | 124 | 124 | 13/16X16 | 7/16 | 0 | 5110 | 1113 | 5110 |
| 3 | 415B 15 12 | 13 | 1- 3/8 | 42 | 124 | 124 | 3/4 X16 | 3/8 | 0 | 1113 | 5510 | 5110 |
| | 424B 15 12 | 13 | 1- 3/8 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| | 436B 15 12 | 13 | 1- 3/8 | 36 | 123 | 123 | 3/8 X15 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 3 | 445B 15 12 | 13 | 1- 3/8 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 5310 | 1113 |
| 3 | 454B 15 12 | 13 | 1- 3/8 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1113 | 5110 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

4-B1- 30

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 1008 15 13 | 210 | 145 | 60 | 60 | 692 | 692 | 550 | 60 | 60 | 0 | 0 | 150 | 55 | 55 | 693 | 693 |
| 3008 15 13 | 210 | 145 | 70 | 70 | 692 | 692 | 550 | 70 | 70 | 0 | 0 | 150 | 65 | 65 | 693 | 693 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 1008 15 13 | 15 | 1- 3/8 | 50 | 133 | 133 | 1- 1/16X16 | 9/16 | 0 | 5410 | 5010 | 1313 |
| 3008 15 13 | 15 | 1- 3/8 | 50 | 132 | 133 | 1 X16 | 9/16 | 0 | 5410 | 5010 | 1313 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 1008 15 13 | 14 | 1- 3/8 | 50 | 133 | 133 | 1- 1/16X16 | 9/16 | 0 | 5410 | 5010 | 1313 |
| 3008 15 13 | 14 | 1- 3/8 | 50 | 132 | 133 | 1 X16 | 9/16 | 0 | 5410 | 5010 | 1313 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

4-81- 31

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 103B | 16 | 13 | 300 | 143 | 60 | 60 | 692 | 692 | 146 | 50 | 50 | 682 | 682 | 149 | 50 | 50 | 682 | 683 |
| 112B | 16 | 13 | 300 | 160 | 45 | 45 | 693 | 693 | 160 | 45 | 45 | 693 | 693 | 160 | 45 | 45 | 693 | 693 |
| 121B | 16 | 13 | 300 | 160 | 50 | 50 | 683 | 693 | 160 | 50 | 50 | 683 | 683 | 160 | 50 | 50 | 683 | 683 |
| 130B | 16 | 13 | 300 | 161 | 50 | 50 | 683 | 683 | 162 | 50 | 50 | 683 | 683 | 162 | 50 | 50 | 683 | 683 |
| 139B | 16 | 13 | 300 | 162 | 50 | 50 | 683 | 693 | 162 | 50 | 50 | 683 | 693 | 162 | 50 | 50 | 693 | 693 |
| 148B | 16 | 13 | 300 | 160 | 50 | 50 | 693 | 693 | 160 | 46 | 46 | 693 | 693 | 160 | 46 | 46 | 693 | 693 |
| 157B | 16 | 13 | 300 | 149 | 50 | 50 | 692 | 693 | 146 | 55 | 55 | 692 | 692 | 143 | 60 | 60 | 692 | 692 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 103B | 16 | 13 | 16 | 1- 5/16 | 45 | 133 | 125 | 1 X16 | 1/2 | 3/8 | 5110 | 1311 | 5210 |
| 112B | 16 | 13 | 16 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| 121B | 16 | 13 | 16 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 130B | 16 | 13 | 16 | 1- 5/16 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 139B | 16 | 13 | 16 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 148B | 16 | 13 | 16 | 1- 5/16 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 1411 | 5210 | 1511 |
| 157B | 16 | 13 | 16 | 1- 5/16 | 50 | 125 | 133 | 1- 1/16X16 | 1/2 | 3/8 | 5210 | 1311 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 103B | 16 | 13 | 15 | 1- 3/8 | 45 | 133 | 125 | 1 X16 | 1/2 | 3/8 | 5110 | 1311 | 5210 |
| 112B | 16 | 13 | 15 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| 121B | 16 | 13 | 15 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 130B | 16 | 13 | 15 | 1- 3/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 139B | 16 | 13 | 15 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 148B | 16 | 13 | 15 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 1411 | 5210 | 1511 |
| 157B | 16 | 13 | 15 | 1- 3/8 | 46 | 125 | 133 | 1- 1/16X16 | 1/2 | 3/8 | 5210 | 1311 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 103B | 16 | 13 | 14 | 1- 3/8 | 45 | 133 | 125 | 1 X16 | 1/2 | 3/8 | 5110 | 1311 | 5210 |
| 112B | 16 | 13 | 14 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| 121B | 16 | 13 | 14 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 130B | 16 | 13 | 14 | 1- 3/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 139B | 16 | 13 | 14 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 148B | 16 | 13 | 14 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 1411 | 5210 | 1511 |
| 157B | 16 | 13 | 14 | 1- 3/8 | 46 | 125 | 133 | 1- 1/16X16 | 1/2 | 3/8 | 5210 | 1311 | 5110 |

4-B1- 32

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 203B | 16 | 13 | 300 | 136 | 70 | 70 | 692 | 692 | 136 | 65 | 65 | 682 | 682 | 137 | 65 | 65 | 682 | 682 |
| 212B | 16 | 13 | 300 | 138 | 60 | 60 | 682 | 682 | 139 | 60 | 60 | 682 | 682 | 141 | 55 | 55 | 682 | 682 |
| 221B | 16 | 13 | 300 | 147 | 50 | 50 | 492 | 492 | 147 | 50 | 50 | 492 | 492 | 146 | 50 | 50 | 492 | 492 |
| 230B | 16 | 13 | 300 | 145 | 50 | 50 | 442 | 492 | 145 | 50 | 50 | 442 | 442 | 145 | 50 | 50 | 442 | 442 |
| 239B | 16 | 13 | 300 | 146 | 50 | 50 | 492 | 492 | 147 | 50 | 50 | 492 | 492 | 147 | 50 | 50 | 492 | 492 |
| 248B | 16 | 13 | 300 | 141 | 60 | 60 | 492 | 492 | 139 | 60 | 60 | 492 | 492 | 138 | 60 | 60 | 492 | 682 |
| 257B | 16 | 13 | 300 | 137 | 65 | 65 | 682 | 682 | 136 | 65 | 65 | 682 | 682 | 136 | 75 | 75 | 692 | 692 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 203B | 16 | 13 | 16 | 1- 5/16 | 55 | 133 | 124 | 15/16X16 | 1/2 | 5/16 | 1013 | 5210 | 5010 |
| 212B | 16 | 13 | 16 | 1- 5/16 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 5010 | 5210 |
| 221B | 16 | 13 | 16 | 1- 5/16 | 36 | 124 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 230B | 16 | 13 | 16 | 1- 5/16 | 36 | 123 | 122 | 3/8 X13 | 3/8 | 0 | 1111 | 5210 | 1111 |
| 239B | 16 | 13 | 16 | 1- 5/16 | 36 | 123 | 123 | 3/8 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 248B | 16 | 13 | 16 | 1- 5/16 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 257B | 16 | 13 | 16 | 1- 5/16 | 60 | 124 | 132 | 7/8 X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 203B | 16 | 13 | 15 | 1- 3/8 | 55 | 133 | 125 | 15/16X16 | 1/2 | 5/16 | 1013 | 5210 | 5010 |
| 212B | 16 | 13 | 15 | 1- 3/8 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 5010 | 5210 |
| 221B | 16 | 13 | 15 | 1- 3/8 | 36 | 124 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 230B | 16 | 13 | 15 | 1- 3/8 | 36 | 123 | 122 | 3/8 X13 | 3/8 | 0 | 1111 | 5210 | 1111 |
| 239B | 16 | 13 | 15 | 1- 3/8 | 36 | 123 | 123 | 3/8 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 248B | 16 | 13 | 15 | 1- 3/8 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 257B | 16 | 13 | 15 | 1- 3/8 | 55 | 124 | 132 | 7/8 X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
STATE UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 203B | 16 | 13 | 14 | 1- 3/8 | 55 | 133 | 125 | 15/16X16 | 1/2 | 5/16 | 1013 | 5210 | 5010 |
| 212B | 16 | 13 | 14 | 1- 3/8 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 5010 | 5210 |
| 221B | 16 | 13 | 14 | 1- 3/8 | 36 | 124 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 230B | 16 | 13 | 14 | 1- 3/8 | 36 | 123 | 122 | 3/8 X13 | 3/8 | 0 | 1111 | 5210 | 1111 |
| 239B | 16 | 13 | 14 | 1- 3/8 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 248B | 16 | 13 | 14 | 1- 3/8 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 257B | 16 | 13 | 14 | 1- 3/8 | 60 | 124 | 132 | 7/8 X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

4-81- 33

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 303B | 16 | 13 | 300 | 143 | 65 | 65 | 692 | 692 | 146 | 55 | 55 | 682 | 682 | 149 | 55 | 55 | 682 | 683 |
| 312B | 16 | 13 | 300 | 160 | 45 | 45 | 683 | 683 | 160 | 45 | 45 | 683 | 683 | 160 | 45 | 45 | 683 | 683 |
| 321B | 16 | 13 | 300 | 160 | 42 | 42 | 683 | 683 | 160 | 45 | 45 | 683 | 683 | 160 | 45 | 45 | 683 | 683 |
| 330B | 16 | 13 | 300 | 161 | 45 | 45 | 683 | 683 | 162 | 42 | 42 | 683 | 683 | 162 | 42 | 42 | 683 | 683 |
| 339B | 16 | 13 | 300 | 162 | 42 | 42 | 683 | 683 | 162 | 42 | 42 | 683 | 683 | 162 | 42 | 42 | 693 | 693 |
| 348B | 16 | 13 | 300 | 160 | 46 | 46 | 693 | 693 | 160 | 46 | 46 | 693 | 693 | 160 | 46 | 46 | 693 | 693 |
| 357B | 16 | 13 | 300 | 149 | 55 | 55 | 692 | 693 | 146 | 60 | 60 | 692 | 692 | 143 | 65 | 65 | 692 | 692 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 303B | 16 | 13 | 16 | 1- 5/16 | 50 | 132 | 124 | 15/16X16 | 1/2 | 3/8 | 5110 | 1311 | 5210 |
| 312B | 16 | 13 | 16 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| 321B | 16 | 13 | 16 | 1- 5/16 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 330B | 16 | 13 | 16 | 1- 5/16 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 339B | 16 | 13 | 16 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 348B | 16 | 13 | 16 | 1- 5/16 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 1411 | 5210 | 1511 |
| 357B | 16 | 13 | 16 | 1- 5/16 | 55 | 125 | 133 | 1 X16 | 1/2 | 3/8 | 5210 | 1311 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 303B | 16 | 13 | 15 | 1- 3/8 | 50 | 133 | 124 | 15/16X16 | 1/2 | 3/8 | 5110 | 1311 | 5210 |
| 312B | 16 | 13 | 15 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| 321B | 16 | 13 | 15 | 1- 3/8 | 36 | 125 | 124 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 330B | 16 | 13 | 15 | 1- 3/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 339B | 16 | 13 | 15 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 348B | 16 | 13 | 15 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 1411 | 5210 | 1511 |
| 357B | 16 | 13 | 15 | 1- 3/8 | 50 | 125 | 133 | 1 X16 | 1/2 | 3/8 | 5210 | 1311 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 303B | 16 | 13 | 14 | 1- 3/8 | 50 | 133 | 124 | 15/16X16 | 1/2 | 3/8 | 5110 | 1311 | 5210 |
| 312B | 16 | 13 | 14 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| 321B | 16 | 13 | 14 | 1- 3/8 | 36 | 125 | 124 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 330B | 16 | 13 | 14 | 1- 3/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 339B | 16 | 13 | 14 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 348B | 16 | 13 | 14 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 1411 | 5210 | 1511 |
| 357B | 16 | 13 | 14 | 1- 3/8 | 55 | 125 | 133 | 1- 1/16X16 | 1/2 | 3/8 | 5210 | 1311 | 5110 |

4-B1- 34

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 403B | 16 | 13 | 300 | 136 | 75 | 75 | 692 | 692 | 136 | 70 | 70 | 682 | 682 | 137 | 70 | 70 | 682 | 682 |
| 412B | 16 | 13 | 300 | 138 | 65 | 65 | 682 | 682 | 139 | 65 | 65 | 682 | 682 | 141 | 60 | 60 | 682 | 682 |
| 421B | 16 | 13 | 300 | 147 | 55 | 55 | 492 | 492 | 147 | 55 | 55 | 492 | 492 | 146 | 55 | 55 | 492 | 492 |
| 430B | 16 | 13 | 300 | 145 | 50 | 50 | 442 | 442 | 145 | 50 | 50 | 442 | 442 | 145 | 50 | 50 | 442 | 442 |
| 439B | 16 | 13 | 300 | 146 | 46 | 46 | 492 | 492 | 147 | 45 | 45 | 492 | 492 | 147 | 45 | 45 | 492 | 492 |
| 448B | 16 | 13 | 300 | 141 | 50 | 50 | 682 | 682 | 139 | 50 | 50 | 682 | 682 | 138 | 50 | 50 | 682 | 682 |
| 457B | 16 | 13 | 300 | 137 | 60 | 60 | 682 | 682 | 136 | 60 | 60 | 682 | 682 | 136 | 65 | 65 | 692 | 692 |

X

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 403B | 16 | 13 | 16 | 1- 5/16 | 60 | 133 | 124 | 15/16X16 | 1/2 | 5/16 | 1013 | 5210 | 5010 |
| 412B | 16 | 13 | 16 | 1- 5/16 | 45 | 124 | 124 | 3/4 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 421B | 16 | 13 | 16 | 1- 5/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 430B | 16 | 13 | 16 | 1- 5/16 | 36 | 123 | 122 | 3/8 X12 | 3/8 | 0 | 1111 | 5210 | 1111 |
| 439B | 16 | 13 | 16 | 1- 5/16 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 448B | 16 | 13 | 16 | 1- 5/16 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 457B | 16 | 13 | 16 | 1- 5/16 | 55 | 124 | 133 | 7/8 X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 403B | 16 | 13 | 15 | 1- 3/8 | 60 | 133 | 124 | 15/16X16 | 1/2 | 5/16 | 1013 | 5210 | 5010 |
| 412B | 16 | 13 | 15 | 1- 3/8 | 42 | 124 | 124 | 3/4 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 421B | 16 | 13 | 15 | 1- 3/8 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 430B | 16 | 13 | 15 | 1- 3/8 | 36 | 123 | 122 | 3/8 X12 | 3/8 | 0 | 1111 | 5210 | 1111 |
| 439B | 16 | 13 | 15 | 1- 3/8 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 448B | 16 | 13 | 15 | 1- 3/8 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 457B | 16 | 13 | 15 | 1- 3/8 | 50 | 124 | 133 | 7/8 X16 | 1/2 | 5/16 | 5010 | 5210 | 1013 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 403B | 16 | 13 | 14 | 1- 3/8 | 60 | 133 | 124 | 15/16X16 | 1/2 | 5/16 | 1013 | 5210 | 5010 |
| 412B | 16 | 13 | 14 | 1- 3/8 | 45 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 5010 | 5210 |
| 421B | 16 | 13 | 14 | 1- 3/8 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 430B | 16 | 13 | 14 | 1- 3/8 | 36 | 123 | 123 | 3/8 X13 | 3/8 | 0 | 1111 | 5210 | 1111 |
| 439B | 16 | 13 | 14 | 1- 3/8 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 448B | 16 | 13 | 14 | 1- 3/8 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 457B | 16 | 13 | 14 | 1- 3/8 | 50 | 124 | 133 | 15/16X16 | 1/2 | 5/16 | 5010 | 5210 | 1013 |

4-81- 35

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 200B | 16 | 14 | 210 | 150 | 65 | 65 | 693 | 693 | 550 | 65 | 65 | 0 | 0 | 144 | 65 | 65 | 692 | 692 |
| 400B | 16 | 14 | 210 | 150 | 70 | 70 | 693 | 693 | 550 | 70 | 70 | 0 | 0 | 144 | 70 | 70 | 692 | 692 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 200B | 16 | 14 | 16 | 1- 5/16 | 50 | 133 | 133 | 1- 1/4 X16 | 9/16 | 3/8 | 1313 | 5010 | 5610 |
| 400B | 16 | 14 | 16 | 1- 5/16 | 50 | 133 | 133 | 1- 3/16X16 | 9/16 | 3/8 | 1313 | 5010 | 5610 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 200B | 16 | 14 | 15 | 1- 3/8 | 50 | 133 | 133 | 1- 1/4 X16 | 5/8 | 3/8 | 1313 | 5010 | 5610 |
| 400B | 16 | 14 | 15 | 1- 3/8 | 50 | 133 | 133 | 1- 3/16X16 | 9/16 | 3/8 | 1313 | 5010 | 5610 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

4-B1- 36

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 109B | 17 | 14 | 300 | 156 | 45 | 45 | 693 | 693 | 158 | 45 | 45 | 693 | 693 | 159 | 45 | 45 | 693 | 693 |
| 118B | 17 | 14 | 300 | 159 | 46 | 46 | 693 | 693 | 159 | 50 | 50 | 693 | 693 | 159 | 50 | 50 | 693 | 693 |
| 127B | 17 | 14 | 300 | 159 | 50 | 50 | 683 | 683 | 160 | 50 | 50 | 683 | 683 | 160 | 50 | 50 | 683 | 683 |
| 133B | 17 | 14 | 300 | 162 | 50 | 50 | 683 | 683 | 162 | 50 | 50 | 683 | 683 | 162 | 50 | 50 | 683 | 683 |
| 142B | 17 | 14 | 300 | 161 | 50 | 50 | 693 | 693 | 160 | 50 | 50 | 693 | 693 | 160 | 50 | 50 | 693 | 693 |
| 151B | 17 | 14 | 300 | 159 | 45 | 45 | 693 | 693 | 158 | 46 | 46 | 693 | 693 | 156 | 46 | 46 | 693 | 693 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 109B | 17 | 14 | 17 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 118B | 17 | 14 | 17 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 127B | 17 | 14 | 17 | 1- 5/16 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5110 | 1411 | 5210 |
| 133B | 17 | 14 | 17 | 1- 5/16 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 142B | 17 | 14 | 17 | 1- 5/16 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 151B | 17 | 14 | 17 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 109B | 17 | 14 | 16 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 118B | 17 | 14 | 16 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 127B | 17 | 14 | 16 | 1- 5/16 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5110 | 1411 | 5210 |
| 133B | 17 | 14 | 16 | 1- 5/16 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 142B | 17 | 14 | 16 | 1- 5/16 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 151B | 17 | 14 | 16 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 109B | 17 | 14 | 15 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 118B | 17 | 14 | 15 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 127B | 17 | 14 | 15 | 1- 3/8 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5110 | 1411 | 5210 |
| 133B | 17 | 14 | 15 | 1- 3/8 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 142B | 17 | 14 | 15 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 9/16 | 0 | 1411 | 5210 | 1411 |
| 151B | 17 | 14 | 15 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

4-B1- 37

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 2098 | 17 | 14 | 300 | 137 | 60 | 60 | 682 | 682 | 138 | 60 | 60 | 682 | 662 | 138 | 60 | 60 | 682 | 682 |
| 2188 | 17 | 14 | 300 | 147 | 50 | 50 | 492 | 492 | 147 | 50 | 50 | 492 | 492 | 147 | 50 | 50 | 492 | 492 |
| 2278 | 17 | 14 | 300 | 144 | 50 | 50 | 492 | 492 | 144 | 50 | 50 | 492 | 492 | 144 | 50 | 50 | 492 | 492 |
| 2338 | 17 | 14 | 300 | 144 | 50 | 50 | 442 | 442 | 144 | 50 | 50 | 442 | 442 | 144 | 50 | 50 | 442 | 442 |
| 2428 | 17 | 14 | 300 | 147 | 55 | 55 | 492 | 492 | 147 | 55 | 55 | 492 | 492 | 147 | 55 | 55 | 492 | 492 |
| 2518 | 17 | 14 | 300 | 138 | 65 | 65 | 492 | 682 | 138 | 65 | 65 | 492 | 682 | 137 | 65 | 65 | 682 | 682 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 2098 | 17 | 14 | 17 | 1- 5/16 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5010 | 5210 | 1212 |
| 2188 | 17 | 14 | 17 | 1- 5/16 | 36 | 124 | 123 | 9/16X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 2278 | 17 | 14 | 17 | 1- 5/16 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5110 | 1111 | 5210 |
| 2338 | 17 | 14 | 17 | 1- 5/16 | 36 | 122 | 123 | 3/8 X15 | 3/8 | 0 | 5210 | 1111 | 5110 |
| 2428 | 17 | 14 | 17 | 1- 5/16 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 2518 | 17 | 14 | 17 | 1- 5/16 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 2098 | 17 | 14 | 16 | 1- 5/16 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5010 | 5210 | 1212 |
| 2188 | 17 | 14 | 16 | 1- 5/16 | 36 | 124 | 124 | 9/16X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 2278 | 17 | 14 | 16 | 1- 5/16 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5110 | 1111 | 5210 |
| 2338 | 17 | 14 | 16 | 1- 5/16 | 36 | 122 | 123 | 3/8 X15 | 3/8 | 0 | 5210 | 1111 | 5110 |
| 2428 | 17 | 14 | 16 | 1- 5/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 2518 | 17 | 14 | 16 | 1- 5/16 | 45 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 2098 | 17 | 14 | 15 | 1- 3/8 | 42 | 124 | 124 | 13/16X16 | 7/16 | 0 | 5010 | 5210 | 1212 |
| 2188 | 17 | 14 | 15 | 1- 3/8 | 36 | 124 | 124 | 9/16X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 2278 | 17 | 14 | 15 | 1- 3/8 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5110 | 1111 | 5210 |
| 2338 | 17 | 14 | 15 | 1- 3/8 | 36 | 122 | 123 | 3/8 X15 | 3/8 | 0 | 5210 | 1111 | 5110 |
| 2428 | 17 | 14 | 15 | 1- 3/8 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 2518 | 17 | 14 | 15 | 1- 3/8 | 45 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

4-B1- 38

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 309B | 17 | 14 | 300 | 156 | 50 | 50 | 683 | 683 | 158 | 46 | 46 | 683 | 683 | 159 | 45 | 45 | 683 | 683 |
| 318B | 17 | 14 | 300 | 159 | 45 | 45 | 683 | 683 | 159 | 45 | 45 | 683 | 683 | 159 | 42 | 42 | 683 | 683 |
| 327B | 17 | 14 | 300 | 159 | 45 | 45 | 683 | 683 | 160 | 45 | 45 | 683 | 683 | 160 | 45 | 45 | 683 | 683 |
| 333B | 17 | 14 | 300 | 162 | 45 | 45 | 683 | 683 | 162 | 45 | 45 | 683 | 683 | 162 | 45 | 45 | 683 | 683 |
| 342B | 17 | 14 | 300 | 161 | 45 | 45 | 693 | 693 | 160 | 45 | 45 | 693 | 693 | 160 | 45 | 45 | 693 | 693 |
| 351B | 17 | 14 | 300 | 159 | 50 | 50 | 693 | 693 | 158 | 50 | 50 | 693 | 693 | 156 | 50 | 50 | 693 | 693 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 309B | 17 | 14 | 17 | 1- 5/16 | 36 | 124 | 125 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 318B | 17 | 14 | 17 | 1- 5/16 | 36 | 125 | 124 | 13/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 327B | 17 | 14 | 17 | 1- 5/16 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5110 | 1411 | 5210 |
| 333B | 17 | 14 | 17 | 1- 5/16 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 342B | 17 | 14 | 17 | 1- 5/16 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 351B | 17 | 14 | 17 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 309B | 17 | 14 | 16 | 1- 5/16 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 318B | 17 | 14 | 16 | 1- 5/16 | 36 | 125 | 124 | 13/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 327B | 17 | 14 | 16 | 1- 5/16 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5110 | 1411 | 5210 |
| 333B | 17 | 14 | 16 | 1- 5/16 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 342B | 17 | 14 | 16 | 1- 5/16 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 351B | 17 | 14 | 16 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 309B | 17 | 14 | 15 | 1- 3/8 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 318B | 17 | 14 | 15 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 327B | 17 | 14 | 15 | 1- 3/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5110 | 1411 | 5210 |
| 333B | 17 | 14 | 15 | 1- 3/8 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 342B | 17 | 14 | 15 | 1- 3/8 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 351B | 17 | 14 | 15 | 1- 3/8 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 409B | 17 | 14 | 300 | 137 | 65 | 65 | 682 | 682 | 138 | 65 | 65 | 682 | 682 | 138 | 65 | 65 | 682 | 682 |
| 418B | 17 | 14 | 300 | 147 | 55 | 55 | 492 | 492 | 147 | 55 | 55 | 492 | 492 | 147 | 55 | 55 | 492 | 492 |
| 427B | 17 | 14 | 300 | 144 | 55 | 55 | 492 | 492 | 144 | 55 | 55 | 492 | 492 | 144 | 55 | 55 | 492 | 492 |
| 433B | 17 | 14 | 300 | 144 | 50 | 50 | 442 | 442 | 144 | 50 | 50 | 442 | 442 | 144 | 50 | 50 | 492 | 492 |
| 442B | 17 | 14 | 300 | 147 | 45 | 45 | 492 | 492 | 147 | 45 | 45 | 492 | 492 | 147 | 45 | 45 | 492 | 492 |
| 451B | 17 | 14 | 300 | 138 | 55 | 55 | 682 | 682 | 138 | 55 | 55 | 682 | 682 | 137 | 55 | 55 | 682 | 682 |

X

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 409B | 17 | 14 | 17 | 1- 5/16 | 45 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5010 | 5210 | 1212 |
| 418B | 17 | 14 | 17 | 1- 5/16 | 42 | 124 | 123 | 9/16X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 427B | 17 | 14 | 17 | 1- 5/16 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5110 | 1111 | 5210 |
| 433B | 17 | 14 | 17 | 1- 5/16 | 36 | 122 | 123 | 7/16X16 | 3/8 | 0 | 5210 | 1111 | 5110 |
| 442B | 17 | 14 | 17 | 1- 5/16 | 36 | 123 | 124 | 1/2 X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 451B | 17 | 14 | 17 | 1- 5/16 | 42 | 124 | 124 | 3/4 X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 409B | 17 | 14 | 16 | 1- 5/16 | 45 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5010 | 5210 | 1212 |
| 418B | 17 | 14 | 16 | 1- 5/16 | 36 | 124 | 123 | 9/16X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 427B | 17 | 14 | 16 | 1- 5/16 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5110 | 1111 | 5210 |
| 433B | 17 | 14 | 16 | 1- 5/16 | 36 | 122 | 123 | 7/16X16 | 3/8 | 0 | 5210 | 1111 | 5110 |
| 442B | 17 | 14 | 16 | 1- 5/16 | 36 | 123 | 124 | 1/2 X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 451B | 17 | 14 | 16 | 1- 5/16 | 42 | 124 | 124 | 3/4 X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 409B | 17 | 14 | 15 | 1- 3/8 | 45 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5010 | 5210 | 1212 |
| 418B | 17 | 14 | 15 | 1- 3/8 | 36 | 124 | 123 | 9/16X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 427B | 17 | 14 | 15 | 1- 3/8 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5110 | 1111 | 5210 |
| 433B | 17 | 14 | 15 | 1- 3/8 | 36 | 122 | 123 | 7/16X16 | 3/8 | 0 | 5210 | 1111 | 5110 |
| 442B | 17 | 14 | 15 | 1- 3/8 | 36 | 123 | 124 | 1/2 X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 451B | 17 | 14 | 15 | 1- 3/8 | 42 | 124 | 124 | 3/4 X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

EVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100B 17 15 | 210 | 144 | 60 | 60 | 692 | 692 | 549 | 60 | 60 | 0 | 0 | 149 | 60 | 60 | 692 | 693 |
| 300B 17 15 | 210 | 144 | 70 | 70 | 692 | 692 | 549 | 70 | 70 | 0 | 0 | 149 | 65 | 65 | 692 | 693 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPL FY4 | SPL SCL | SPL SCR | WELDMENTS NO 5 | WLD NO 6 | WLD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 100B 17 15 | 17 | 1- 5/16 | 50 | 133 | 133 | 1- 3/16X16 | 9/16 | 3/8 | 5410 | 5010 | 1313 |
| 300B 17 15 | 17 | 1- 5/16 | 50 | 132 | 132 | 1- 1/8 X16 | 9/16 | 3/8 | 5410 | 5010 | 1313 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPL FY4 | SPL SCL | SPL SCR | WELDMENTS NO 5 | WLD NO 6 | WLD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 100B 17 15 | 16 | 1- 5/16 | 50 | 133 | 133 | 1- 3/16X16 | 9/16 | 3/8 | 5410 | 5010 | 1313 |
| 300B 17 15 | 16 | 1- 5/16 | 50 | 132 | 132 | 1- 1/8 X16 | 9/16 | 3/8 | 5410 | 5010 | 1313 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

4-81- 41

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

EVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | FY1 | FY2 | CSU | CSL | COLUMN 2 TYPE | FY1 | FY2 | CSU | CSL | COLUMN 3 TYPE | FY1 | FY2 | CSU | CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 106B 18 15 | 300 | 151 | 46 | 46 | 683 | 683 | 153 | 46 | 46 | 683 | 683 | 154 | 45 | 45 | 683 | 693 |
| 115B 18 15 | 300 | 159 | 46 | 46 | 693 | 693 | 159 | 46 | 46 | 693 | 693 | 159 | 46 | 46 | 693 | 693 |
| 124B 18 15 | 300 | 159 | 50 | 50 | 683 | 683 | 159 | 50 | 50 | 683 | 683 | 159 | 50 | 50 | 683 | 683 |
| 136B 18 15 | 300 | 161 | 50 | 50 | 683 | 683 | 161 | 50 | 50 | 683 | 683 | 161 | 50 | 50 | 683 | 683 |
| 145B 18 15 | 300 | 159 | 50 | 50 | 693 | 693 | 159 | 50 | 50 | 693 | 693 | 159 | 50 | 50 | 693 | 693 |
| 154B 18 15 | 300 | 154 | 50 | 50 | 693 | 693 | 153 | 50 | 50 | 693 | 693 | 151 | 50 | 50 | 693 | 693 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 106B 18 15 | 18 | 1- 5/16 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1311 | 5110 | 1411 |
| 115B 18 15 | 18 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 124B 18 15 | 18 | 1- 5/16 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 136B 18 15 | 18 | 1- 5/16 | 36 | 124 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 145B 18 15 | 18 | 1- 5/16 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 154B 18 15 | 18 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 106B 18 15 | 17 | 1- 5/16 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1311 | 5110 | 1411 |
| 115B 18 15 | 17 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 124B 18 15 | 17 | 1- 5/16 | 36 | 125 | 124 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 136B 18 15 | 17 | 1- 5/16 | 36 | 124 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 145B 18 15 | 17 | 1- 5/16 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 154B 18 15 | 17 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5110 | 1311 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 106B 18 15 | 16 | 1- 5/16 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1311 | 5110 | 1411 |
| 115B 18 15 | 16 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 124B 18 15 | 16 | 1- 5/16 | 36 | 125 | 124 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 136B 18 15 | 16 | 1- 5/16 | 36 | 124 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 145B 18 15 | 16 | 1- 5/16 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 154B 18 15 | 16 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5110 | 1311 |

4-B1- 42

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | FY1 | FY2 | CSU | CSL | COLUMN 2 TYPE | FY1 | FY2 | CSU | CSL | COLUMN 3 TYPE | FY1 | FY2 | CSU | CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 206B 18 15 | 300 | 136 | 65 | 65 | 682 | 682 | 136 | 65 | 65 | 682 | 682 | 137 | 60 | 60 | 682 | 682 |
| 215B 18 15 | 300 | 141 | 55 | 55 | 682 | 682 | 144 | 55 | 55 | 492 | 682 | 145 | 50 | 50 | 492 | 682 |
| 224B 18 15 | 300 | 144 | 50 | 50 | 492 | 492 | 144 | 50 | 50 | 492 | 492 | 144 | 50 | 50 | 492 | 492 |
| 236B 18 15 | 300 | 144 | 50 | 50 | 492 | 492 | 144 | 50 | 50 | 492 | 492 | 144 | 50 | 50 | 492 | 492 |
| 245B 18 15 | 300 | 145 | 55 | 55 | 492 | 492 | 144 | 55 | 55 | 492 | 492 | 141 | 60 | 60 | 492 | 492 |
| 254B 18 15 | 300 | 137 | 65 | 65 | 682 | 682 | 136 | 65 | 65 | 682 | 682 | 136 | 65 | 65 | 682 | 682 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 206B 18 15 | 18 | 1- 5/16 | 42 | 124 | 124 | 13/16X16 | 7/16 | 0 | 5110 | 1212 | 5110 |
| 215B 18 15 | 18 | 1- 5/16 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 224B 18 15 | 18 | 1- 5/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 236B 18 15 | 18 | 1- 5/16 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 245B 18 15 | 18 | 1- 5/16 | 42 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 5310 | 1212 |
| 254B 18 15 | 18 | 1- 5/16 | 45 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 206B 18 15 | 17 | 1- 5/16 | 42 | 124 | 124 | 13/16X16 | 7/16 | 0 | 5110 | 1212 | 5110 |
| 215B 18 15 | 17 | 1- 5/16 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 224B 18 15 | 17 | 1- 5/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 236B 18 15 | 17 | 1- 5/16 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 245B 18 15 | 17 | 1- 5/16 | 42 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 5310 | 1212 |
| 254B 18 15 | 17 | 1- 5/16 | 45 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 206B 18 15 | 16 | 1- 5/16 | 42 | 124 | 124 | 13/16X16 | 7/16 | 0 | 5110 | 1212 | 5110 |
| 215B 18 15 | 16 | 1- 5/16 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 224B 18 15 | 16 | 1- 5/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 236B 18 15 | 16 | 1- 5/16 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 245B 18 15 | 16 | 1- 5/16 | 42 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 5310 | 1212 |
| 254B 18 15 | 16 | 1- 5/16 | 45 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

EVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 306B | 18 | 15 | 300 | 151 | 50 | 50 | 683 | 683 | 153 | 50 | 50 | 683 | 683 | 154 | 50 | 50 | 683 | 683 |
| 315B | 18 | 15 | 300 | 159 | 45 | 45 | 683 | 683 | 159 | 45 | 45 | 683 | 683 | 159 | 45 | 45 | 683 | 683 |
| 324B | 18 | 15 | 300 | 159 | 45 | 45 | 683 | 683 | 159 | 45 | 45 | 683 | 683 | 159 | 45 | 45 | 683 | 683 |
| 336B | 18 | 15 | 300 | 161 | 42 | 42 | 683 | 683 | 161 | 42 | 42 | 683 | 683 | 161 | 42 | 42 | 683 | 683 |
| 345B | 18 | 15 | 300 | 159 | 45 | 45 | 693 | 693 | 159 | 45 | 45 | 693 | 693 | 159 | 46 | 46 | 693 | 693 |
| 354B | 18 | 15 | 300 | 154 | 50 | 50 | 693 | 693 | 153 | 55 | 55 | 693 | 693 | 151 | 55 | 55 | 693 | 693 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 306B | 18 | 15 | 18 | 1- 5/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 315B | 18 | 15 | 18 | 1- 5/16 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 324B | 18 | 15 | 18 | 1- 5/16 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 336B | 18 | 15 | 18 | 1- 5/16 | 36 | 124 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 345B | 18 | 15 | 18 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 354B | 18 | 15 | 18 | 1- 5/16 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 306B | 18 | 15 | 17 | 1- 5/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 315B | 18 | 15 | 17 | 1- 5/16 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 324B | 18 | 15 | 17 | 1- 5/16 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 336B | 18 | 15 | 17 | 1- 5/16 | 36 | 124 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 345B | 18 | 15 | 17 | 1- 5/16 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 354B | 18 | 15 | 17 | 1- 5/16 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1311 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 306B | 18 | 15 | 16 | 1- 5/16 | 36 | 124 | 125 | 3/4 X16 | 1/2 | 0 | 1311 | 5110 | 1411 |
| 315B | 18 | 15 | 16 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 324B | 18 | 15 | 16 | 1- 5/16 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 336B | 18 | 15 | 16 | 1- 5/16 | 36 | 124 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 345B | 18 | 15 | 16 | 1- 5/16 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 354B | 18 | 15 | 16 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5110 | 1311 |

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

EVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 406B 18 15 | 300 | 136 | 70 | 70 | 682 | 682 | 136 | 70 | 70 | 682 | 682 | 137 | 70 | 70 | 682 | 682 |
| 415B 18 15 | 300 | 141 | 60 | 60 | 682 | 682 | 144 | 60 | 60 | 492 | 492 | 145 | 55 | 55 | 492 | 492 |
| 424B 18 15 | 300 | 144 | 55 | 55 | 492 | 492 | 144 | 55 | 55 | 492 | 492 | 144 | 55 | 55 | 492 | 492 |
| 436B 18 15 | 300 | 144 | 50 | 50 | 492 | 492 | 144 | 50 | 50 | 492 | 492 | 144 | 46 | 46 | 492 | 492 |
| 445B 18 15 | 300 | 145 | 45 | 45 | 492 | 492 | 144 | 45 | 45 | 492 | 492 | 141 | 46 | 46 | 492 | 492 |
| 454B 18 15 | 300 | 137 | 55 | 55 | 682 | 682 | 136 | 60 | 60 | 682 | 682 | 136 | 60 | 60 | 682 | 682 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 406B 18 15 | 18 | 1- 5/16 | 46 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1212 | 5110 |
| 415B 18 15 | 18 | 1- 5/16 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 424B 18 15 | 18 | 1- 5/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 436B 18 15 | 18 | 1- 5/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 445B 18 15 | 18 | 1- 5/16 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 5310 | 1212 |
| 454B 18 15 | 18 | 1- 5/16 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 406B 18 15 | 17 | 1- 5/16 | 46 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1212 | 5110 |
| 415B 18 15 | 17 | 1- 5/16 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 424B 18 15 | 17 | 1- 5/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 436B 18 15 | 17 | 1- 5/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 445B 18 15 | 17 | 1- 5/16 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 5310 | 1212 |
| 454B 18 15 | 17 | 1- 5/16 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1212 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 406B 18 15 | 16 | 1- 5/16 | 46 | 124 | 124 | 13/16X16 | 7/16 | 0 | 5110 | 1212 | 5110 |
| 415B 18 15 | 16 | 1- 5/16 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 424B 18 15 | 16 | 1- 5/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 436B 18 15 | 16 | 1- 5/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 445B 18 15 | 16 | 1- 5/16 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 5310 | 1212 |
| 454B 18 15 | 16 | 1- 5/16 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1212 | 5110 |

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

EVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 2008 | 18 | 16 | 210 | 149 | 65 | 65 | 692 | 693 | 549 | 65 | 65 | 0 | 0 | 144 | 65 | 65 | 692 | 692 |
| 4008 | 18 | 16 | 210 | 149 | 70 | 70 | 692 | 693 | 549 | 70 | 70 | 0 | 0 | 144 | 70 | 70 | 692 | 692 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 2008 | 18 | 16 | 18 | 1- 5/16 | 50 | 133 | 133 | 1- 3/16X16 | 9/16 | 3/8 | 1313 | 5010 | 5610 |
| 4008 | 18 | 16 | 18 | 1- 5/16 | 50 | 133 | 133 | 1- 3/16X16 | 9/16 | 3/8 | 1313 | 5010 | 5610 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 2008 | 18 | 16 | 17 | 1- 5/16 | 50 | 133 | 133 | 1- 3/16X16 | 9/16 | 3/8 | 1313 | 5010 | 5610 |
| 4008 | 18 | 16 | 17 | 1- 5/16 | 50 | 133 | 133 | 1- 3/16X16 | 9/16 | 3/8 | 1313 | 5010 | 5610 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON NO. 34360 CITY OF THE STATE OF NEW YORK

4-B1- 46

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

EVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 103B | 19 | 16 | 300 | 142 | 60 | 60 | 692 | 692 | 145 | 50 | 50 | 682 | 682 | 147 | 50 | 50 | 682 | 682 |
| 112B | 19 | 16 | 300 | 159 | 45 | 45 | 693 | 693 | 159 | 45 | 45 | 693 | 693 | 159 | 46 | 46 | 693 | 693 |
| 121B | 19 | 16 | 300 | 159 | 50 | 50 | 683 | 683 | 159 | 50 | 50 | 683 | 683 | 159 | 50 | 50 | 683 | 683 |
| 130B | 19 | 16 | 300 | 159 | 50 | 50 | 683 | 683 | 160 | 50 | 50 | 683 | 683 | 160 | 50 | 50 | 683 | 683 |
| 139B | 19 | 16 | 300 | 160 | 50 | 50 | 683 | 683 | 160 | 50 | 50 | 683 | 683 | 160 | 50 | 50 | 693 | 693 |
| 148B | 19 | 16 | 300 | 159 | 50 | 50 | 693 | 693 | 159 | 50 | 50 | 693 | 693 | 159 | 46 | 46 | 693 | 693 |
| 157B | 19 | 16 | 300 | 147 | 50 | 50 | 692 | 692 | 145 | 55 | 55 | 692 | 692 | 142 | 60 | 60 | 692 | 692 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 103B | 19 | 16 | 19 | 1- 5/16 | 45 | 133 | 125 | 15/16X16 | 1/2 | 3/8 | 5110 | 1311 | 5210 |
| 112B | 19 | 16 | 19 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| 121B | 19 | 16 | 19 | 1- 5/16 | 36 | 125 | 124 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 130B | 19 | 16 | 19 | 1- 5/16 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 139B | 19 | 16 | 19 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 148B | 19 | 16 | 19 | 1- 5/16 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 1411 | 5210 | 1511 |
| 157B | 19 | 16 | 19 | 1- 5/16 | 50 | 125 | 133 | 1 X16 | 1/2 | 3/8 | 5210 | 1311 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 103B | 19 | 16 | 18 | 1- 5/16 | 45 | 133 | 125 | 15/16X16 | 1/2 | 3/8 | 5110 | 1311 | 5210 |
| 112B | 19 | 16 | 18 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| 121B | 19 | 16 | 18 | 1- 5/16 | 36 | 125 | 124 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 130B | 19 | 16 | 18 | 1- 5/16 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 139B | 19 | 16 | 18 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 148B | 19 | 16 | 18 | 1- 5/16 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 1411 | 5210 | 1511 |
| 157B | 19 | 16 | 18 | 1- 5/16 | 46 | 125 | 133 | 1 X16 | 1/2 | 3/8 | 5210 | 1311 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 103B | 19 | 16 | 17 | 1- 5/16 | 45 | 133 | 125 | 1 X16 | 1/2 | 3/8 | 5110 | 1311 | 5210 |
| 112B | 19 | 16 | 17 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| 121B | 19 | 16 | 17 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 130B | 19 | 16 | 17 | 1- 5/16 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 139B | 19 | 16 | 17 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 148B | 19 | 16 | 17 | 1- 5/16 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 1411 | 5210 | 1511 |
| 157B | 19 | 16 | 17 | 1- 5/16 | 46 | 125 | 133 | 1 X16 | 1/2 | 3/8 | 5210 | 1311 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

4-B1- 47

**WORTHINGTON, SKILLING, HELLE & JACKSON** · Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

EVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 203B | 19 | 16 | 300 | 135 | 70 | 70 | 692 | 692 | 135 | 65 | 65 | 682 | 682 | 136 | 65 | 65 | 682 | 682 |
| 212B | 19 | 16 | 300 | 137 | 60 | 60 | 682 | 682 | 138 | 60 | 60 | 682 | 682 | 140 | 55 | 55 | 682 | 682 |
| 221B | 19 | 16 | 300 | 146 | 50 | 50 | 492 | 492 | 145 | 50 | 50 | 492 | 492 | 144 | 50 | 50 | 492 | 492 |
| 230B | 19 | 16 | 300 | 144 | 50 | 50 | 442 | 442 | 144 | 50 | 50 | 442 | 442 | 144 | 50 | 50 | 442 | 442 |
| 239B | 19 | 16 | 300 | 144 | 55 | 55 | 492 | 492 | 145 | 55 | 55 | 492 | 492 | 146 | 55 | 55 | 492 | 492 |
| 248B | 19 | 16 | 300 | 140 | 60 | 60 | 492 | 492 | 138 | 60 | 60 | 492 | 492 | 137 | 65 | 65 | 492 | 492 |
| 257B | 19 | 16 | 300 | 136 | 65 | 65 | 682 | 682 | 135 | 70 | 70 | 682 | 682 | 135 | 75 | 75 | 682 | 692 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 203B | 19 | 16 | 19 | 1- 5/16 | 55 | 133 | 124 | 15/16X16 | 1/2 | 5/16 | 1013 | 5210 | 5010 |
| 212B | 19 | 16 | 19 | 1- 5/16 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 221B | 19 | 16 | 19 | 1- 5/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 230B | 19 | 16 | 19 | 1- 5/16 | 36 | 123 | 122 | 3/8 X15 | 3/8 | 0 | 1111 | 5210 | 1111 |
| 239B | 19 | 16 | 19 | 1- 5/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 248B | 19 | 16 | 19 | 1- 5/16 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 257B | 19 | 16 | 19 | 1- 5/16 | 60 | 124 | 132 | 13/16X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 203B | 19 | 16 | 18 | 1- 5/16 | 55 | 133 | 124 | 15/16X16 | 1/2 | 5/16 | 1013 | 5210 | 5010 |
| 212B | 19 | 16 | 18 | 1- 5/16 | 42 | 124 | 124 | 3/4 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 221B | 19 | 16 | 18 | 1- 5/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 230B | 19 | 16 | 18 | 1- 5/16 | 36 | 123 | 122 | 3/8 X15 | 3/8 | 0 | 1111 | 5210 | 1111 |
| 239B | 19 | 16 | 18 | 1- 5/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 248B | 19 | 16 | 18 | 1- 5/16 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 257B | 19 | 16 | 18 | 1- 5/16 | 60 | 124 | 132 | 13/16X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 203B | 19 | 16 | 17 | 1- 5/16 | 55 | 133 | 124 | 15/16X16 | 1/2 | 5/16 | 1013 | 5210 | 5010 |
| 212B | 19 | 16 | 17 | 1- 5/16 | 42 | 124 | 124 | 3/4 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 221B | 19 | 16 | 17 | 1- 5/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 230B | 19 | 16 | 17 | 1- 5/16 | 36 | 123 | 122 | 3/8 X15 | 3/8 | 0 | 1111 | 5210 | 1111 |
| 239B | 19 | 16 | 17 | 1- 5/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 248B | 19 | 16 | 17 | 1- 5/16 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 257B | 19 | 16 | 17 | 1- 5/16 | 60 | 124 | 132 | 13/16X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

4-B1- 48

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 303B 19 16 | 300 | 142 | 65 | 65 | 692 | 692 | 145 | 55 | 55 | 682 | 682 | 147 | 55 | 55 | 682 | 682 |
| 312B 19 16 | 300 | 159 | 45 | 45 | 683 | 683 | 159 | 45 | 45 | 683 | 683 | 159 | 45 | 45 | 683 | 683 |
| 321B 19 16 | 300 | 159 | 42 | 42 | 683 | 683 | 159 | 45 | 45 | 683 | 683 | 159 | 45 | 45 | 683 | 683 |
| 330B 19 16 | 300 | 159 | 45 | 45 | 683 | 683 | 160 | 45 | 45 | 683 | 683 | 160 | 45 | 45 | 683 | 683 |
| 339B 19 16 | 300 | 160 | 42 | 42 | 683 | 683 | 160 | 42 | 42 | 683 | 683 | 160 | 45 | 45 | 683 | 693 |
| 348B 19 16 | 300 | 159 | 46 | 46 | 693 | 693 | 159 | 46 | 46 | 693 | 693 | 159 | 50 | 50 | 693 | 693 |
| 357B 19 16 | 300 | 147 | 55 | 55 | 682 | 692 | 145 | 60 | 60 | 682 | 692 | 142 | 70 | 70 | 692 | 692 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 303B 19 16 | 19 | 1- 5/16 | 50 | 132 | 124 | 15/16X16 | 1/2 | 3/8 | 5110 | 1311 | 5210 |
| 312B 19 16 | 19 | 1- 5/16 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| 321B 19 16 | 19 | 1- 5/16 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 330B 19 16 | 19 | 1- 5/16 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 339B 19 16 | 19 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 348B 19 16 | 19 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5210 | 1511 |
| 357B 19 16 | 19 | 1- 5/16 | 55 | 125 | 133 | 1 X16 | 1/2 | 3/8 | 5210 | 1311 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 303B 19 16 | 18 | 1- 5/16 | 50 | 132 | 124 | 15/16X16 | 1/2 | 3/8 | 5110 | 1311 | 5210 |
| 312B 19 16 | 18 | 1- 5/16 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| 321B 19 16 | 18 | 1- 5/16 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 330B 19 16 | 18 | 1- 5/16 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 339B 19 16 | 18 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 348B 19 16 | 18 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5210 | 1511 |
| 357B 19 16 | 18 | 1- 5/16 | 50 | 125 | 133 | 1 X16 | 1/2 | 3/8 | 5210 | 1311 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 303B 19 16 | 17 | 1- 5/16 | 50 | 132 | 124 | 15/16X16 | 1/2 | 3/8 | 5110 | 1311 | 5210 |
| 312B 19 16 | 17 | 1- 5/16 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| 321B 19 16 | 17 | 1- 5/16 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 330B 19 16 | 17 | 1- 5/16 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 339B 19 16 | 17 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 348B 19 16 | 17 | 1- 5/16 | 36 | 125 | 125 | 15/16X16 | 1/2 | 0 | 1411 | 5210 | 1511 |
| 357B 19 16 | 17 | 1- 5/16 | 55 | 125 | 133 | 1 X16 | 1/2 | 3/8 | 5210 | 1311 | 5110 |

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

EVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4038 19 16 | 300 | 135 | 75 | 75 | 692 | 692 | 135 | 70 | 70 | 682 | 682 | 136 | 70 | 70 | 682 | 682 |
| 412B 19 16 | 300 | 137 | 65 | 65 | 682 | 682 | 138 | 65 | 65 | 682 | 682 | 140 | 60 | 60 | 682 | 682 |
| 421B 19 16 | 300 | 146 | 55 | 55 | 492 | 492 | 145 | 55 | 55 | 492 | 492 | 144 | 55 | 55 | 492 | 492 |
| 430B 19 16 | 300 | 144 | 55 | 55 | 442 | 442 | 144 | 50 | 50 | 442 | 442 | 144 | 50 | 50 | 442 | 442 |
| 439B 19 16 | 300 | 144 | 46 | 46 | 492 | 492 | 145 | 46 | 46 | 492 | 492 | 146 | 45 | 45 | 492 | 492 |
| 448B 19 16 | 300 | 140 | 50 | 50 | 492 | 682 | 138 | 50 | 50 | 492 | 682 | 137 | 55 | 55 | 682 | 682 |
| 457B 19 16 | 300 | 136 | 60 | 60 | 682 | 682 | 135 | 60 | 60 | 682 | 682 | 135 | 65 | 65 | 692 | 692 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B 19 16 | 19 | 1- 5/16 | 60 | 133 | 124 | 7/8 X16 | 1/2 | 5/16 | 1013 | 5210 | 5010 |
| 412B 19 16 | 19 | 1- 5/16 | 45 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 421B 19 16 | 19 | 1- 5/16 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 430B 19 16 | 19 | 1- 5/16 | 36 | 123 | 122 | 3/8 X15 | 3/8 | 0 | 1111 | 5210 | 1111 |
| 439B 19 16 | 19 | 1- 5/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 448B 19 16 | 19 | 1- 5/16 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 457B 19 16 | 19 | 1- 5/16 | 50 | 124 | 133 | 7/8 X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B 19 16 | 18 | 1- 5/16 | 60 | 133 | 124 | 15/16X16 | 1/2 | 5/16 | 1013 | 5210 | 5010 |
| 412B 19 16 | 18 | 1- 5/16 | 45 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 421B 19 16 | 18 | 1- 5/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 430B 19 16 | 18 | 1- 5/16 | 36 | 123 | 122 | 3/8 X15 | 3/8 | 0 | 1111 | 5210 | 1111 |
| 439B 19 16 | 18 | 1- 5/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 448B 19 16 | 18 | 1- 5/16 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 457B 19 16 | 18 | 1- 5/16 | 50 | 124 | 133 | 7/8 X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B 19 16 | 17 | 1- 5/16 | 60 | 133 | 124 | 15/16X16 | 1/2 | 5/16 | 1013 | 5210 | 5010 |
| 412B 19 16 | 17 | 1- 5/16 | 45 | 124 | 124 | 3/4 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 421B 19 16 | 17 | 1- 5/16 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 430B 19 16 | 17 | 1- 5/16 | 36 | 123 | 122 | 3/8 X15 | 3/8 | 0 | 1111 | 5210 | 1111 |
| 439B 19 16 | 17 | 1- 5/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 448B 19 16 | 17 | 1- 5/16 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 457B 19 16 | 17 | 1- 5/16 | 55 | 124 | 133 | 7/8 X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

4-81- 50

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 1008 19 17 | 210 | 144 | 60 | 60 | 692 | 692 | 548 | 60 | 60 | 0 | 0 | 148 | 60 | 60 | 692 | 692 |
| 3008 19 17 | 210 | 144 | 70 | 70 | 692 | 692 | 548 | 70 | 70 | 0 | 0 | 148 | 65 | 65 | 692 | 692 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 1008 19 17 | 19 | 1- 5/16 | 50 | 133 | 133 | 1- 1/8 X16 | 9/16 | 3/8 | 5410 | 5010 | 1313 |
| 3008 19 17 | 19 | 1- 5/16 | 50 | 132 | 132 | 1- 1/8 X16 | 9/16 | 3/8 | 5410 | 5010 | 1313 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 1008 19 17 | 18 | 1- 5/16 | 50 | 133 | 133 | 1- 3/16X16 | 9/16 | 3/8 | 5410 | 5010 | 1313 |
| 3008 19 17 | 18 | 1- 5/16 | 50 | 132 | 132 | 1- 1/8 X16 | 9/16 | 3/8 | 5410 | 5010 | 1313 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

4-81- 51

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

EVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 109B | 20 | 17 | 300 | 155 | 45 | 45 | 683 | 693 | 156 | 45 | 45 | 683 | 693 | 158 | 45 | 45 | 683 | 693 |
| 118B | 20 | 17 | 300 | 158 | 50 | 50 | 683 | 693 | 158 | 50 | 50 | 683 | 693 | 158 | 50 | 50 | 683 | 693 |
| 127B | 20 | 17 | 300 | 158 | 50 | 50 | 683 | 683 | 158 | 50 | 50 | 683 | 683 | 159 | 50 | 50 | 683 | 683 |
| 133B | 20 | 17 | 300 | 160 | 50 | 50 | 683 | 683 | 160 | 50 | 50 | 683 | 683 | 160 | 50 | 50 | 683 | 683 |
| 142B | 20 | 17 | 300 | 159 | 50 | 50 | 693 | 693 | 159 | 50 | 50 | 693 | 693 | 158 | 50 | 50 | 693 | 693 |
| 151B | 20 | 17 | 300 | 158 | 46 | 46 | 693 | 693 | 156 | 46 | 46 | 693 | 693 | 155 | 50 | 50 | 693 | 693 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 109B | 20 | 17 | 20 | 1- 5/16 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 118B | 20 | 17 | 20 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 127B | 20 | 17 | 20 | 1- 5/16 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5110 | 1411 | 5210 |
| 133B | 20 | 17 | 20 | 1- 5/16 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 142B | 20 | 17 | 20 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 151B | 20 | 17 | 20 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 109B | 20 | 17 | 19 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 118B | 20 | 17 | 19 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 127B | 20 | 17 | 19 | 1- 5/16 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5110 | 1411 | 5210 |
| 133B | 20 | 17 | 19 | 1- 5/16 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 142B | 20 | 17 | 19 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 151B | 20 | 17 | 19 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 109B | 20 | 17 | 18 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 118B | 20 | 17 | 18 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 127B | 20 | 17 | 18 | 1- 5/16 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5110 | 1411 | 5210 |
| 133B | 20 | 17 | 18 | 1- 5/16 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 142B | 20 | 17 | 18 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 151B | 20 | 17 | 18 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 209B | 20 | 17 | 300 | 136 | 60 | 60 | 682 | 682 | 137 | 60 | 60 | 682 | 682 | 137 | 60 | 60 | 682 | 682 |
| 218B | 20 | 17 | 300 | 146 | 50 | 50 | 492 | 492 | 146 | 50 | 50 | 492 | 492 | 146 | 50 | 50 | 492 | 492 |
| 227B | 20 | 17 | 300 | 144 | 50 | 50 | 492 | 492 | 144 | 50 | 50 | 492 | 492 | 144 | 50 | 50 | 492 | 492 |
| 233B | 20 | 17 | 300 | 144 | 50 | 50 | 442 | 442 | 144 | 50 | 50 | 442 | 442 | 144 | 50 | 50 | 442 | 442 |
| 242B | 20 | 17 | 300 | 146 | 55 | 55 | 492 | 492 | 146 | 55 | 55 | 492 | 492 | 146 | 55 | 55 | 492 | 492 |
| 251B | 20 | 17 | 300 | 137 | 65 | 65 | 492 | 492 | 137 | 65 | 65 | 492 | 492 | 136 | 65 | 65 | 682 | 682 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 209B | 20 | 17 | 20 | 1- 5/16 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5010 | 5210 | 1212 |
| 218B | 20 | 17 | 20 | 1- 5/16 | 36 | 124 | 123 | 9/16X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 227B | 20 | 17 | 20 | 1- 5/16 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5110 | 1111 | 5210 |
| 233B | 20 | 17 | 20 | 1- 5/16 | 36 | 122 | 123 | 3/8 X15 | 3/8 | 0 | 5210 | 1111 | 5110 |
| 242B | 20 | 17 | 20 | 1- 5/16 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 251B | 20 | 17 | 20 | 1- 5/16 | 45 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 209B | 20 | 17 | 19 | 1- 5/16 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5010 | 5210 | 1212 |
| 218B | 20 | 17 | 19 | 1- 5/16 | 36 | 124 | 123 | 9/16X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 227B | 20 | 17 | 19 | 1- 5/16 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5110 | 1111 | 5210 |
| 233B | 20 | 17 | 19 | 1- 5/16 | 36 | 122 | 123 | 3/8 X15 | 3/8 | 0 | 5210 | 1111 | 5110 |
| 242B | 20 | 17 | 19 | 1- 5/16 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 251B | 20 | 17 | 19 | 1- 5/16 | 45 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 209B | 20 | 17 | 18 | 1- 5/16 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5010 | 5210 | 1212 |
| 218B | 20 | 17 | 18 | 1- 5/16 | 36 | 124 | 123 | 9/16X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 227B | 20 | 17 | 18 | 1- 5/16 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5110 | 1111 | 5210 |
| 233B | 20 | 17 | 18 | 1- 5/16 | 36 | 122 | 123 | 3/8 X15 | 3/8 | 0 | 5210 | 1111 | 5110 |
| 242B | 20 | 17 | 18 | 1- 5/16 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 251B | 20 | 17 | 18 | 1- 5/16 | 45 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 309B | 20 | 17 | 300 | 155 | 50 | 50 | 683 | 683 | 156 | 50 | 50 | 683 | 683 | 158 | 46 | 46 | 683 | 683 |
| 318B | 20 | 17 | 300 | 158 | 45 | 45 | 683 | 683 | 158 | 45 | 45 | 683 | 683 | 158 | 45 | 45 | 683 | 683 |
| 327B | 20 | 17 | 300 | 158 | 45 | 45 | 683 | 683 | 158 | 45 | 45 | 683 | 683 | 159 | 45 | 45 | 683 | 683 |
| 333B | 20 | 17 | 300 | 160 | 45 | 45 | 683 | 683 | 160 | 42 | 42 | 683 | 683 | 160 | 42 | 42 | 683 | 683 |
| 342B | 20 | 17 | 300 | 159 | 45 | 45 | 683 | 693 | 159 | 45 | 45 | 683 | 693 | 158 | 45 | 45 | 693 | 693 |
| 351B | 20 | 17 | 300 | 158 | 50 | 50 | 693 | 693 | 156 | 50 | 50 | 693 | 693 | 155 | 50 | 50 | 693 | 693 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 309B | 20 | 17 | 20 | 1- 5/16 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 318B | 20 | 17 | 20 | 1- 5/16 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 327B | 20 | 17 | 20 | 1- 5/16 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5110 | 1411 | 5210 |
| 333B | 20 | 17 | 20 | 1- 5/16 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 342B | 20 | 17 | 20 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 351B | 20 | 17 | 20 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 309B | 20 | 17 | 19 | 1- 5/16 | 36 | 124 | 125 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 318B | 20 | 17 | 19 | 1- 5/16 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 327B | 20 | 17 | 19 | 1- 5/16 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5110 | 1411 | 5210 |
| 333B | 20 | 17 | 19 | 1- 5/16 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 342B | 20 | 17 | 19 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 351B | 20 | 17 | 19 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 309B | 20 | 17 | 18 | 1- 5/16 | 36 | 124 | 125 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 318B | 20 | 17 | 18 | 1- 5/16 | 36 | 125 | 124 | 13/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 327B | 20 | 17 | 18 | 1- 5/16 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5110 | 1411 | 5210 |
| 333B | 20 | 17 | 18 | 1- 5/16 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 342B | 20 | 17 | 18 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 351B | 20 | 17 | 18 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |

4-81- 54

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 409B 20 17 | 300 | 136 | 65 | 65 | 682 | 682 | 137 | 65 | 65 | 682 | 682 | 137 | 65 | 65 | 682 | 682 |
| 418B 20 17 | 300 | 146 | 55 | 55 | 492 | 492 | 146 | 55 | 55 | 492 | 492 | 146 | 55 | 55 | 492 | 492 |
| 427B 20 17 | 300 | 144 | 55 | 55 | 492 | 492 | 144 | 55 | 55 | 442 | 492 | 144 | 55 | 55 | 442 | 492 |
| 433B 20 17 | 300 | 144 | 50 | 50 | 442 | 442 | 144 | 50 | 50 | 442 | 442 | 144 | 50 | 50 | 492 | 492 |
| 442B 20 17 | 300 | 146 | 45 | 45 | 492 | 492 | 146 | 45 | 45 | 492 | 492 | 146 | 45 | 45 | 492 | 492 |
| 451B 20 17 | 300 | 137 | 55 | 55 | 682 | 682 | 137 | 55 | 55 | 682 | 682 | 136 | 55 | 55 | 682 | 682 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 409B 20 17 | 20 | 1- 5/16 | 45 | 124 | 124 | 3/4 X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 418B 20 17 | 20 | 1- 5/16 | 42 | 124 | 123 | 1/2 X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 427B 20 17 | 20 | 1- 5/16 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5110 | 1111 | 5210 |
| 433B 20 17 | 20 | 1- 5/16 | 36 | 122 | 123 | 3/8 X16 | 3/8 | 0 | 5210 | 1111 | 5110 |
| 442B 20 17 | 20 | 1- 5/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 451B 20 17 | 20 | 1- 5/16 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 409B 20 17 | 19 | 1- 5/16 | 45 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5010 | 5210 | 1212 |
| 418B 20 17 | 19 | 1- 5/16 | 42 | 124 | 123 | 1/2 X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 427B 20 17 | 19 | 1- 5/16 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5110 | 1111 | 5210 |
| 433B 20 17 | 19 | 1- 5/16 | 36 | 122 | 123 | 3/8 X16 | 3/8 | 0 | 5210 | 1111 | 5110 |
| 442B 20 17 | 19 | 1- 5/16 | 36 | 123 | 124 | 1/2 X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 451B 20 17 | 19 | 1- 5/16 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 409B 20 17 | 18 | 1- 5/16 | 45 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5010 | 5210 | 1212 |
| 418B 20 17 | 18 | 1- 5/16 | 42 | 124 | 123 | 9/16X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 427B 20 17 | 18 | 1- 5/16 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5110 | 1111 | 5210 |
| 433B 20 17 | 18 | 1- 5/16 | 36 | 122 | 123 | 7/16X16 | 3/8 | 0 | 5210 | 1111 | 5110 |
| 442B 20 17 | 18 | 1- 5/16 | 36 | 123 | 124 | 1/2 X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 451B 20 17 | 18 | 1- 5/16 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

4-B1- 55

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 200B 20 18 | 210 | 147 | 65 | 65 | 692 | 692 | 547 | 65 | 65 | 0 | 0 | 143 | 65 | 65 | 692 | 692 |
| 400B 20 18 | 210 | 147 | 70 | 70 | 692 | 692 | 547 | 75 | 75 | 0 | 0 | 143 | 75 | 75 | 692 | 692 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 200B 20 18 | 20 | 1- 5/16 | 50 | 133 | 133 | 1- 3/16X16 | 9/16 | 3/8 | 1313 | 5010 | 5610 |
| 400B 20 18 | 20 | 1- 5/16 | 50 | 133 | 133 | 1- 3/16X16 | 9/16 | 3/8 | 1313 | 5010 | 5610 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 200B 20 18 | 19 | 1- 5/16 | 50 | 133 | 133 | 1- 3/16X16 | 9/16 | 3/8 | 1313 | 5010 | 5610 |
| 400B 20 18 | 19 | 1- 5/16 | 50 | 133 | 133 | 1- 3/16X16 | 9/16 | 3/8 | 1313 | 5010 | 5610 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

4-B1- 56

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 106B | 21 | 18 | 300 | 150 | 50 | 50 | 683 | 683 | 151 | 46 | 46 | 683 | 683 | 153 | 46 | 46 | 683 | 683 |
| 115B | 21 | 18 | 300 | 158 | 46 | 46 | 683 | 693 | 158 | 46 | 46 | 683 | 693 | 158 | 50 | 50 | 683 | 693 |
| 124B | 21 | 18 | 300 | 158 | 50 | 50 | 683 | 683 | 158 | 50 | 50 | 683 | 683 | 158 | 50 | 50 | 683 | 683 |
| 136B | 21 | 18 | 300 | 159 | 50 | 50 | 683 | 683 | 159 | 50 | 50 | 683 | 683 | 159 | 50 | 50 | 683 | 683 |
| 145B | 21 | 18 | 300 | 158 | 50 | 50 | 693 | 693 | 158 | 50 | 50 | 693 | 693 | 158 | 50 | 50 | 693 | 693 |
| 154B | 21 | 18 | 300 | 153 | 50 | 50 | 693 | 693 | 151 | 50 | 50 | 693 | 693 | 150 | 50 | 50 | 693 | 693 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B | 21 | 18 | 21 | 1- 1/4 | 36 | 124 | 125 | 3/4 X16 | 1/2 | 0 | 1311 | 5110 | 1411 |
| 115B | 21 | 18 | 21 | 1- 1/4 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 124B | 21 | 18 | 21 | 1- 1/4 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 136B | 21 | 18 | 21 | 1- 1/4 | 36 | 124 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 145B | 21 | 18 | 21 | 1- 1/4 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 154B | 21 | 18 | 21 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B | 21 | 18 | 20 | 1- 5/16 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1311 | 5110 | 1411 |
| 115B | 21 | 18 | 20 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 124B | 21 | 18 | 20 | 1- 5/16 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 136B | 21 | 18 | 20 | 1- 5/16 | 36 | 124 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 145B | 21 | 18 | 20 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 154B | 21 | 18 | 20 | 1- 5/16 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1311 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B | 21 | 18 | 19 | 1- 5/16 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1311 | 5110 | 1411 |
| 115B | 21 | 18 | 19 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 124B | 21 | 18 | 19 | 1- 5/16 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 136B | 21 | 18 | 19 | 1- 5/16 | 36 | 124 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 145B | 21 | 18 | 19 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 154B | 21 | 18 | 19 | 1- 5/16 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1311 |

4-B1- 57

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 206B | 21 | 18 | 300 | 135 | 65 | 65 | 682 | 682 | 135 | 65 | 65 | 682 | 682 | 136 | 65 | 65 | 682 | 682 |
| 215B | 21 | 18 | 300 | 141 | 55 | 55 | 682 | 682 | 143 | 55 | 55 | 492 | 492 | 144 | 50 | 50 | 492 | 492 |
| 224B | 21 | 18 | 300 | 143 | 50 | 50 | 492 | 492 | 143 | 50 | 50 | 492 | 492 | 143 | 50 | 50 | 492 | 492 |
| 236B | 21 | 18 | 300 | 143 | 55 | 55 | 442 | 492 | 143 | 55 | 55 | 442 | 492 | 143 | 55 | 55 | 492 | 492 |
| 245B | 21 | 18 | 300 | 144 | 55 | 55 | 492 | 492 | 143 | 55 | 55 | 492 | 492 | 141 | 60 | 60 | 492 | 492 |
| 254B | 21 | 18 | 300 | 136 | 65 | 65 | 682 | 682 | 135 | 65 | 65 | 682 | 682 | 135 | 65 | 65 | 682 | 682 |

X

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 206B | 21 | 18 | 21 | 1- 1/4 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1212 | 5110 |
| 215B | 21 | 18 | 21 | 1- 1/4 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 224B | 21 | 18 | 21 | 1- 1/4 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 236B | 21 | 18 | 21 | 1- 1/4 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 245B | 21 | 18 | 21 | 1- 1/4 | 42 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 5310 | 1212 |
| 254B | 21 | 18 | 21 | 1- 1/4 | 45 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 206B | 21 | 18 | 20 | 1- 5/16 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1212 | 5110 |
| 215B | 21 | 18 | 20 | 1- 5/16 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 224B | 21 | 18 | 20 | 1- 5/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 236B | 21 | 18 | 20 | 1- 5/16 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 245B | 21 | 18 | 20 | 1- 5/16 | 42 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 5310 | 1212 |
| 254B | 21 | 18 | 20 | 1- 5/16 | 45 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 206B | 21 | 18 | 19 | 1- 5/16 | 45 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1212 | 5110 |
| 215B | 21 | 18 | 19 | 1- 5/16 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 224B | 21 | 18 | 19 | 1- 5/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 236B | 21 | 18 | 19 | 1- 5/16 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 245B | 21 | 18 | 19 | 1- 5/16 | 42 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 5310 | 1212 |
| 254B | 21 | 18 | 19 | 1- 5/16 | 45 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 306B | 21 | 18 | 300 | 150 | 55 | 55 | 683 | 683 | 151 | 50 | 50 | 683 | 683 | 153 | 50 | 50 | 683 | 683 |
| 315B | 21 | 18 | 300 | 158 | 45 | 45 | 683 | 683 | 158 | 45 | 45 | 683 | 683 | 158 | 45 | 45 | 683 | 683 |
| 324B | 21 | 18 | 300 | 158 | 45 | 45 | 683 | 683 | 158 | 45 | 45 | 683 | 683 | 158 | 45 | 45 | 683 | 683 |
| 336B | 21 | 18 | 300 | 159 | 42 | 42 | 683 | 683 | 159 | 42 | 42 | 683 | 683 | 159 | 42 | 42 | 683 | 683 |
| 345B | 21 | 18 | 300 | 158 | 46 | 46 | 693 | 693 | 158 | 46 | 46 | 693 | 693 | 158 | 46 | 46 | 693 | 693 |
| 354B | 21 | 18 | 300 | 153 | 50 | 50 | 683 | 693 | 151 | 55 | 55 | 683 | 693 | 150 | 55 | 55 | 683 | 693 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 306B | 21 | 18 | 21 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 315B | 21 | 18 | 21 | 1- 1/4 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 324B | 21 | 18 | 21 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 336B | 21 | 18 | 21 | 1- 1/4 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 345B | 21 | 18 | 21 | 1- 1/4 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 354B | 21 | 18 | 21 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 306B | 21 | 18 | 20 | 1- 5/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 315B | 21 | 18 | 20 | 1- 5/16 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 324B | 21 | 18 | 20 | 1- 5/16 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 336B | 21 | 18 | 20 | 1- 5/16 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 345B | 21 | 18 | 20 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 354B | 21 | 18 | 20 | 1- 5/16 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1311 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 306B | 21 | 18 | 19 | 1- 5/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 315B | 21 | 18 | 19 | 1- 5/16 | 36 | 125 | 124 | 13/16X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 324B | 21 | 18 | 19 | 1- 5/16 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 336B | 21 | 18 | 19 | 1- 5/16 | 36 | 124 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 345B | 21 | 18 | 19 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 354B | 21 | 18 | 19 | 1- 5/16 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1311 |

4-B1- 59

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 406B | 21 | 18 | 300 | 135 | 70 | 70 | 682 | 682 | 135 | 70 | 70 | 682 | 682 | 136 | 70 | 70 | 682 | 682 |
| 415B | 21 | 18 | 300 | 141 | 60 | 60 | 492 | 682 | 143 | 60 | 60 | 492 | 492 | 144 | 55 | 55 | 492 | 492 |
| 424B | 21 | 18 | 300 | 143 | 55 | 55 | 492 | 492 | 143 | 55 | 55 | 492 | 492 | 143 | 55 | 55 | 492 | 492 |
| 436B | 21 | 18 | 300 | 143 | 50 | 50 | 492 | 492 | 143 | 50 | 50 | 492 | 492 | 143 | 50 | 50 | 492 | 492 |
| 445B | 21 | 18 | 300 | 144 | 45 | 45 | 492 | 492 | 143 | 45 | 45 | 492 | 492 | 141 | 50 | 50 | 492 | 492 |
| 454B | 21 | 18 | 300 | 136 | 60 | 60 | 682 | 682 | 135 | 60 | 60 | 682 | 682 | 135 | 60 | 60 | 682 | 682 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 406B | 21 | 18 | 21 | 1- 1/4 | 46 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1212 | 5110 |
| 415B | 21 | 18 | 21 | 1- 1/4 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 424B | 21 | 18 | 21 | 1- 1/4 | 42 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 436B | 21 | 18 | 21 | 1- 1/4 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 445B | 21 | 18 | 21 | 1- 1/4 | 36 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 5310 | 1212 |
| 454B | 21 | 18 | 21 | 1- 1/4 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 406B | 21 | 18 | 20 | 1- 5/16 | 46 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1212 | 5110 |
| 415B | 21 | 18 | 20 | 1- 5/16 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 424B | 21 | 18 | 20 | 1- 5/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 436B | 21 | 18 | 20 | 1- 5/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 445B | 21 | 18 | 20 | 1- 5/16 | 36 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 5310 | 1212 |
| 454B | 21 | 18 | 20 | 1- 5/16 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 406B | 21 | 18 | 19 | 1- 5/16 | 46 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1212 | 5110 |
| 415B | 21 | 18 | 19 | 1- 5/16 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 424B | 21 | 18 | 19 | 1- 5/16 | 42 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 436B | 21 | 18 | 19 | 1- 5/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 445B | 21 | 18 | 19 | 1- 5/16 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 5310 | 1212 |
| 454B | 21 | 18 | 19 | 1- 5/16 | 42 | 124 | 124 | 3/4 X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

4-B1- 60

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 100B | 21 | 19 | 210 | 143 | 60 | 60 | 692 | 692 | 547 | 60 | 60 | 0 | 0 | 147 | 60 | 60 | 692 | 692 |
| 300B | 21 | 19 | 210 | 143 | 70 | 70 | 692 | 692 | 547 | 70 | 70 | 0 | 0 | 147 | 65 | 65 | 692 | 692 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 100B | 21 | 19 | 21 | 1- 1/4 | 50 | 132 | 133 | 1- 1/8 X16 | 9/16 | 3/8 | 5410 | 5010 | 1313 |
| 300B | 21 | 19 | 21 | 1- 1/4 | 50 | 132 | 132 | 1- 1/16X16 | 9/16 | 3/8 | 5410 | 5010 | 1313 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 100B | 21 | 19 | 20 | 1- 5/16 | 50 | 132 | 133 | 1- 1/8 X16 | 9/16 | 3/8 | 5410 | 5010 | 1313 |
| 300B | 21 | 19 | 20 | 1- 5/16 | 50 | 132 | 132 | 1- 1/8 X16 | 9/16 | 3/8 | 5410 | 5010 | 1313 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

4-B1- 61

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 103B | 22 | 19 | 300 | 141 | 60 | 60 | 692 | 692 | 144 | 55 | 55 | 682 | 682 | 147 | 50 | 50 | 682 | 682 |
| 112B | 22 | 19 | 300 | 157 | 45 | 45 | 683 | 693 | 157 | 45 | 45 | 683 | 693 | 157 | 46 | 46 | 683 | 693 |
| 121B | 22 | 19 | 300 | 157 | 50 | 50 | 683 | 683 | 157 | 50 | 50 | 683 | 683 | 157 | 50 | 50 | 683 | 683 |
| 130B | 22 | 19 | 300 | 158 | 50 | 50 | 683 | 683 | 159 | 50 | 50 | 683 | 683 | 159 | 50 | 50 | 683 | 683 |
| 139B | 22 | 19 | 300 | 159 | 50 | 50 | 683 | 683 | 159 | 50 | 50 | 683 | 683 | 159 | 50 | 50 | 683 | 693 |
| 148B | 22 | 19 | 300 | 157 | 50 | 50 | 693 | 693 | 157 | 50 | 50 | 693 | 693 | 157 | 50 | 50 | 693 | 693 |
| 157B | 22 | 19 | 300 | 147 | 55 | 55 | 682 | 692 | 144 | 55 | 55 | 682 | 692 | 141 | 60 | 60 | 692 | 692 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 103B | 22 | 19 | 22 | 1- 1/4 | 45 | 132 | 124 | 15/16X16 | 1/2 | 3/8 | 5110 | 1311 | 5210 |
| 112B | 22 | 19 | 22 | 1- 1/4 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| 121B | 22 | 19 | 22 | 1- 1/4 | 36 | 125 | 124 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 130B | 22 | 19 | 22 | 1- 1/4 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 139B | 22 | 19 | 22 | 1- 1/4 | 36 | 124 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 148B | 22 | 19 | 22 | 1- 1/4 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5210 | 1511 |
| 157B | 22 | 19 | 22 | 1- 1/4 | 46 | 125 | 133 | 15/16X16 | 1/2 | 3/8 | 5210 | 1311 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 103B | 22 | 19 | 21 | 1- 1/4 | 45 | 133 | 124 | 15/16X16 | 1/2 | 3/8 | 5110 | 1311 | 5210 |
| 112B | 22 | 19 | 21 | 1- 1/4 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| 121B | 22 | 19 | 21 | 1- 1/4 | 36 | 125 | 124 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 130B | 22 | 19 | 21 | 1- 1/4 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 139B | 22 | 19 | 21 | 1- 1/4 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 148B | 22 | 19 | 21 | 1- 1/4 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5210 | 1511 |
| 157B | 22 | 19 | 21 | 1- 1/4 | 50 | 125 | 133 | 1 X16 | 1/2 | 3/8 | 5210 | 1311 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 103B | 22 | 19 | 20 | 1- 5/16 | 45 | 133 | 125 | 15/16X16 | 1/2 | 3/8 | 5110 | 1311 | 5210 |
| 112B | 22 | 19 | 20 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| 121B | 22 | 19 | 20 | 1- 5/16 | 36 | 125 | 124 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 130B | 22 | 19 | 20 | 1- 5/16 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 139B | 22 | 19 | 20 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 148B | 22 | 19 | 20 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5210 | 1511 |
| 157B | 22 | 19 | 20 | 1- 5/16 | 50 | 125 | 133 | 1 X16 | 1/2 | 3/8 | 5210 | 1311 | 5110 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

4-B1- 62

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 203B | 22 | 19 | 300 | 135 | 70 | 70 | 692 | 692 | 135 | 65 | 65 | 682 | 682 | 135 | 65 | 65 | 682 | 682 |
| 212B | 22 | 19 | 300 | 136 | 60 | 60 | 682 | 682 | 138 | 60 | 60 | 682 | 682 | 138 | 60 | 60 | 682 | 682 |
| 221B | 22 | 19 | 300 | 145 | 50 | 50 | 492 | 492 | 144 | 50 | 50 | 492 | 492 | 144 | 50 | 50 | 492 | 492 |
| 230B | 22 | 19 | 300 | 143 | 50 | 50 | 442 | 442 | 143 | 50 | 50 | 442 | 442 | 143 | 50 | 50 | 442 | 442 |
| 239B | 22 | 19 | 300 | 144 | 55 | 55 | 492 | 492 | 144 | 50 | 50 | 492 | 492 | 145 | 55 | 55 | 492 | 492 |
| 248B | 22 | 19 | 300 | 138 | 60 | 60 | 492 | 492 | 138 | 65 | 65 | 492 | 492 | 136 | 65 | 65 | 492 | 492 |
| 257B | 22 | 19 | 300 | 135 | 65 | 65 | 682 | 682 | 135 | 65 | 65 | 682 | 682 | 135 | 75 | 75 | 682 | 682 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 203B | 22 | 19 | 22 | 1- 1/4 | 55 | 133 | 124 | 7/8 X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 212B | 22 | 19 | 22 | 1- 1/4 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 221B | 22 | 19 | 22 | 1- 1/4 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 230B | 22 | 19 | 22 | 1- 1/4 | 36 | 123 | 122 | 3/8 X15 | 3/8 | 0 | 1111 | 5210 | 1111 |
| 239B | 22 | 19 | 22 | 1- 1/4 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 248B | 22 | 19 | 22 | 1- 1/4 | 42 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 257B | 22 | 19 | 22 | 1- 1/4 | 55 | 124 | 132 | 13/16X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 203B | 22 | 19 | 21 | 1- 1/4 | 55 | 133 | 124 | 7/8 X16 | 1/2 | 5/16 | 1013 | 5210 | 5010 |
| 212B | 22 | 19 | 21 | 1- 1/4 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 221B | 22 | 19 | 21 | 1- 1/4 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 230B | 22 | 19 | 21 | 1- 1/4 | 36 | 123 | 122 | 3/8 X15 | 3/8 | 0 | 1111 | 5210 | 1111 |
| 239B | 22 | 19 | 21 | 1- 1/4 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 248B | 22 | 19 | 21 | 1- 1/4 | 45 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 257B | 22 | 19 | 21 | 1- 1/4 | 55 | 124 | 132 | 13/16X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 203B | 22 | 19 | 20 | 1- 5/16 | 55 | 133 | 124 | 15/16X16 | 1/2 | 5/16 | 1013 | 5210 | 5010 |
| 212B | 22 | 19 | 20 | 1- 5/16 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 221B | 22 | 19 | 20 | 1- 5/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 230B | 22 | 19 | 20 | 1- 5/16 | 36 | 123 | 122 | 3/8 X15 | 3/8 | 0 | 1111 | 5210 | 1111 |
| 239B | 22 | 19 | 20 | 1- 5/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 248B | 22 | 19 | 20 | 1- 5/16 | 45 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 257B | 22 | 19 | 20 | 1- 5/16 | 60 | 124 | 132 | 13/16X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

4-B1- 63

**WORTHINGTON, SKILLING, HELLE & JACKSON** — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 303B | 22 | 19 | 300 | 141 | 65 | 65 | 692 | 692 | 144 | 55 | 55 | 682 | 682 | 147 | 55 | 55 | 682 | 682 |
| 312B | 22 | 19 | 300 | 157 | 46 | 46 | 683 | 683 | 157 | 46 | 46 | 683 | 683 | 157 | 45 | 45 | 683 | 683 |
| 321B | 22 | 19 | 300 | 157 | 45 | 45 | 683 | 683 | 157 | 45 | 45 | 683 | 683 | 157 | 45 | 45 | 683 | 683 |
| 330B | 22 | 19 | 300 | 158 | 45 | 45 | 683 | 683 | 159 | 45 | 45 | 683 | 683 | 159 | 45 | 45 | 683 | 683 |
| 339B | 22 | 19 | 300 | 159 | 42 | 42 | 683 | 683 | 159 | 42 | 42 | 683 | 683 | 159 | 45 | 45 | 683 | 683 |
| 348B | 22 | 19 | 300 | 157 | 50 | 50 | 693 | 693 | 157 | 50 | 50 | 693 | 693 | 157 | 50 | 50 | 693 | 693 |
| 357B | 22 | 19 | 300 | 147 | 55 | 55 | 682 | 682 | 144 | 60 | 60 | 682 | 682 | 141 | 65 | 65 | 692 | 692 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 303B | 22 | 19 | 22 | 1- 1/4 | 50 | 132 | 124 | 7/8 X16 | 7/16 | 0 | 5110 | 1311 | 5210 |
| 312B | 22 | 19 | 22 | 1- 1/4 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| 321B | 22 | 19 | 22 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 330B | 22 | 19 | 22 | 1- 1/4 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 339B | 22 | 19 | 22 | 1- 1/4 | 36 | 124 | 125 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 348B | 22 | 19 | 22 | 1- 1/4 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5210 | 1511 |
| 357B | 22 | 19 | 22 | 1- 1/4 | 55 | 125 | 133 | 15/16X16 | 1/2 | 3/8 | 5210 | 1311 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 303B | 22 | 19 | 21 | 1- 1/4 | 50 | 132 | 124 | 7/8 X16 | 7/16 | 0 | 5110 | 1311 | 5210 |
| 312B | 22 | 19 | 21 | 1- 1/4 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| 321B | 22 | 19 | 21 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 330B | 22 | 19 | 21 | 1- 1/4 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 339B | 22 | 19 | 21 | 1- 1/4 | 36 | 124 | 125 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 348B | 22 | 19 | 21 | 1- 1/4 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5210 | 1511 |
| 357B | 22 | 19 | 21 | 1- 1/4 | 55 | 125 | 133 | 15/16X16 | 1/2 | 3/8 | 5210 | 1311 | 5110 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 303B | 22 | 19 | 20 | 1- 5/16 | 50 | 132 | 124 | 7/8 X16 | 1/2 | 3/8 | 5110 | 1311 | 5210 |
| 312B | 22 | 19 | 20 | 1- 5/16 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| 321B | 22 | 19 | 20 | 1- 5/16 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 330B | 22 | 19 | 20 | 1- 5/16 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 339B | 22 | 19 | 20 | 1- 5/16 | 36 | 124 | 125 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 348B | 22 | 19 | 20 | 1- 5/16 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5210 | 1511 |
| 357B | 22 | 19 | 20 | 1- 5/16 | 55 | 125 | 133 | 15/16X16 | 1/2 | 3/8 | 5210 | 1311 | 5110 |

4-B1- 64

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | FY1 | FY2 | CSU | CSL | COLUMN 2 TYPE | FY1 | FY2 | CSU | CSL | COLUMN 3 TYPE | FY1 | FY2 | CSU | CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B 22 19 | 300 | 135 | 75 | 75 | 692 | 692 | 135 | 70 | 70 | 682 | 682 | 135 | 70 | 70 | 682 | 682 |
| 412B 22 19 | 300 | 136 | 65 | 65 | 682 | 682 | 138 | 65 | 65 | 682 | 682 | 138 | 65 | 65 | 682 | 682 |
| 421B 22 19 | 300 | 145 | 55 | 55 | 492 | 492 | 144 | 55 | 55 | 492 | 492 | 144 | 55 | 55 | 492 | 492 |
| 430B 22 19 | 300 | 143 | 55 | 55 | 442 | 442 | 143 | 50 | 50 | 442 | 442 | 143 | 50 | 50 | 442 | 442 |
| 439B 22 19 | 300 | 144 | 46 | 46 | 492 | 492 | 144 | 45 | 45 | 492 | 492 | 145 | 45 | 45 | 492 | 492 |
| 448B 22 19 | 300 | 138 | 50 | 50 | 492 | 492 | 138 | 50 | 50 | 492 | 492 | 136 | 55 | 55 | 682 | 682 |
| 457B 22 19 | 300 | 135 | 60 | 60 | 682 | 682 | 135 | 60 | 60 | 682 | 682 | 135 | 65 | 65 | 692 | 692 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B 22 19 | 22 | 1- 1/4 | 60 | 133 | 124 | 7/8 X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 412B 22 19 | 22 | 1- 1/4 | 45 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 421B 22 19 | 22 | 1- 1/4 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 430B 22 19 | 22 | 1- 1/4 | 36 | 122 | 122 | 3/8 X14 | 3/8 | 0 | 1111 | 5210 | 1111 |
| 439B 22 19 | 22 | 1- 1/4 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 448B 22 19 | 22 | 1- 1/4 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 457B 22 19 | 22 | 1- 1/4 | 50 | 124 | 132 | 7/8 X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B 22 19 | 21 | 1- 1/4 | 60 | 133 | 124 | 7/8 X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 412B 22 19 | 21 | 1- 1/4 | 45 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 421B 22 19 | 21 | 1- 1/4 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 430B 22 19 | 21 | 1- 1/4 | 36 | 122 | 122 | 3/8 X14 | 3/8 | 0 | 1111 | 5210 | 1111 |
| 439B 22 19 | 21 | 1- 1/4 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 448B 22 19 | 21 | 1- 1/4 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 457B 22 19 | 21 | 1- 1/4 | 50 | 124 | 132 | 7/8 X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B 22 19 | 20 | 1- 5/16 | 60 | 133 | 124 | 7/8 X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 412B 22 19 | 20 | 1- 5/16 | 45 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 421B 22 19 | 20 | 1- 5/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 430B 22 19 | 20 | 1- 5/16 | 36 | 123 | 122 | 3/8 X14 | 3/8 | 0 | 1111 | 5210 | 1111 |
| 439B 22 19 | 20 | 1- 5/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 448B 22 19 | 20 | 1- 5/16 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 457B 22 19 | 20 | 1- 5/16 | 50 | 124 | 132 | 7/8 X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

4-B1- 65

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 200B | 22 | 20 | 210 | 147 | 65 | 65 | 692 | 692 | 547 | 70 | 70 | 0 | 0 | 142 | 70 | 70 | 692 | 692 |
| 400B | 22 | 20 | 210 | 147 | 70 | 70 | 692 | 692 | 547 | 75 | 75 | 0 | 0 | 142 | 75 | 75 | 692 | 692 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 200B | 22 | 20 | 22 | 1- 1/4 | 50 | 133 | 133 | 1- 3/16X16 | 9/16 | 3/8 | 1313 | 5010 | 5610 |
| 400B | 22 | 20 | 22 | 1- 1/4 | 50 | 133 | 133 | 1- 1/8 X16 | 9/16 | 3/8 | 1313 | 5010 | 5610 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 200B | 22 | 20 | 21 | 1- 1/4 | 50 | 133 | 133 | 1- 3/16X16 | 9/16 | 3/8 | 1313 | 5010 | 5610 |
| 400B | 22 | 20 | 21 | 1- 1/4 | 50 | 133 | 133 | 1- 1/8 X16 | 9/16 | 3/8 | 1313 | 5010 | 5610 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
STATE OF THE STATE OF NEW YORK

4-81- 66

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 109B 23 20 | 300 | 153 | 45 | 45 | 683 | 683 | 155 | 45 | 45 | 683 | 683 | 156 | 45 | 45 | 683 | 683 |
| 118B 23 20 | 300 | 156 | 50 | 50 | 683 | 683 | 156 | 50 | 50 | 683 | 683 | 156 | 50 | 50 | 683 | 683 |
| 127B 23 20 | 300 | 156 | 50 | 50 | 683 | 683 | 156 | 50 | 50 | 683 | 683 | 157 | 50 | 50 | 683 | 683 |
| 133B 23 20 | 300 | 159 | 50 | 50 | 683 | 683 | 159 | 50 | 50 | 683 | 683 | 159 | 50 | 50 | 683 | 683 |
| 142B 23 20 | 300 | 158 | 50 | 50 | 683 | 693 | 157 | 50 | 50 | 683 | 693 | 156 | 50 | 50 | 683 | 693 |
| 151B 23 20 | 300 | 156 | 50 | 50 | 693 | 693 | 155 | 50 | 50 | 693 | 693 | 153 | 50 | 50 | 693 | 693 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 109B 23 20 | 23 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 118B 23 20 | 23 | 1- 1/4 | 36 | 125 | 124 | 13/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 127B 23 20 | 23 | 1- 1/4 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5110 | 1411 | 5210 |
| 133B 23 20 | 23 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 142B 23 20 | 23 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 151B 23 20 | 23 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 109B 23 20 | 22 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 118B 23 20 | 22 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 127B 23 20 | 22 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5110 | 1411 | 5210 |
| 133B 23 20 | 22 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 142B 23 20 | 22 | 1- 1/4 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 151B 23 20 | 22 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 109B 23 20 | 21 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 118B 23 20 | 21 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 127B 23 20 | 21 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5110 | 1411 | 5210 |
| 133B 23 20 | 21 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 142B 23 20 | 21 | 1- 1/4 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 151B 23 20 | 21 | 1- 1/4 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |

4-81-67

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 209B | 23 20 | 300 | 135 | 65 | 65 | 682 | 682 | 136 | 60 | 60 | 682 | 682 | 136 | 60 | 60 | 682 | 682 |
| 218B | 23 20 | 300 | 144 | 50 | 50 | 492 | 492 | 144 | 50 | 50 | 492 | 492 | 144 | 50 | 50 | 492 | 492 |
| 227B | 23 20 | 300 | 142 | 50 | 50 | 492 | 492 | 142 | 50 | 50 | 442 | 492 | 142 | 50 | 50 | 442 | 492 |
| 233B | 23 20 | 300 | 142 | 50 | 50 | 442 | 442 | 142 | 50 | 50 | 442 | 442 | 142 | 50 | 50 | 442 | 442 |
| 242B | 23 20 | 300 | 144 | 55 | 55 | 492 | 492 | 144 | 55 | 55 | 492 | 492 | 144 | 55 | 55 | 492 | 492 |
| 251B | 23 20 | 300 | 136 | 65 | 65 | 492 | 492 | 136 | 65 | 65 | 492 | 492 | 135 | 65 | 65 | 492 | 682 |

| PANEL NUMBER | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 209B | 23 20 | 23 | 1- 1/4 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 218B | 23 20 | 23 | 1- 1/4 | 36 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 227B | 23 20 | 23 | 1- 1/4 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5110 | 1111 | 5210 |
| 233B | 23 20 | 23 | 1- 1/4 | 36 | 122 | 122 | 3/8 X14 | 3/8 | 0 | 5210 | 1111 | 5110 |
| 242B | 23 20 | 23 | 1- 1/4 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 251B | 23 20 | 23 | 1- 1/4 | 45 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

| PANEL NUMBER | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 209B | 23 20 | 22 | 1- 1/4 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 218B | 23 20 | 22 | 1- 1/4 | 36 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 227B | 23 20 | 22 | 1- 1/4 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5110 | 1111 | 5210 |
| 233B | 23 20 | 22 | 1- 1/4 | 36 | 122 | 123 | 3/8 X14 | 3/8 | 0 | 5210 | 1111 | 5110 |
| 242B | 23 20 | 22 | 1- 1/4 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 251B | 23 20 | 22 | 1- 1/4 | 45 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON NO. 34360 STATE UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 209B | 23 20 | 21 | 1- 1/4 | 42 | 124 | 124 | 3/4 X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 218B | 23 20 | 21 | 1- 1/4 | 36 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 227B | 23 20 | 21 | 1- 1/4 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5110 | 1111 | 5210 |
| 233B | 23 20 | 21 | 1- 1/4 | 36 | 122 | 123 | 3/8 X14 | 3/8 | 0 | 5210 | 1111 | 5110 |
| 242B | 23 20 | 21 | 1- 1/4 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 251B | 23 20 | 21 | 1- 1/4 | 45 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

4-81- 68

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 309B | 23 | 20 | 300 | 153 | 50 | 50 | 683 | 683 | 155 | 50 | 50 | 683 | 683 | 156 | 50 | 50 | 683 | 683 |
| 318B | 23 | 20 | 300 | 156 | 45 | 45 | 683 | 683 | 156 | 45 | 45 | 683 | 683 | 156 | 45 | 45 | 683 | 683 |
| 327B | 23 | 20 | 300 | 156 | 45 | 45 | 683 | 683 | 156 | 45 | 45 | 683 | 683 | 157 | 45 | 45 | 683 | 683 |
| 333B | 23 | 20 | 300 | 159 | 45 | 45 | 683 | 683 | 159 | 45 | 45 | 683 | 683 | 159 | 45 | 45 | 683 | 683 |
| 342B | 23 | 20 | 300 | 158 | 45 | 45 | 683 | 683 | 157 | 45 | 45 | 683 | 683 | 156 | 45 | 45 | 683 | 693 |
| 351B | 23 | 20 | 300 | 156 | 50 | 50 | 693 | 693 | 155 | 50 | 50 | 683 | 693 | 153 | 50 | 50 | 683 | 693 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 309B | 23 | 20 | 23 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 318B | 23 | 20 | 23 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 327B | 23 | 20 | 23 | 1- 1/4 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5110 | 1411 | 5210 |
| 333B | 23 | 20 | 23 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 342B | 23 | 20 | 23 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 351B | 23 | 20 | 23 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 309B | 23 | 20 | 22 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 318B | 23 | 20 | 22 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 327B | 23 | 20 | 22 | 1- 1/4 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5110 | 1411 | 5210 |
| 333B | 23 | 20 | 22 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 342B | 23 | 20 | 22 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 351B | 23 | 20 | 22 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 309B | 23 | 20 | 21 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 318B | 23 | 20 | 21 | 1- 1/4 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 327B | 23 | 20 | 21 | 1- 1/4 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5110 | 1411 | 5210 |
| 333B | 23 | 20 | 21 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 342B | 23 | 20 | 21 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 351B | 23 | 20 | 21 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

4-B1- 69

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 409B 23 20 | 300 | 135 | 70 | 70 | 682 | 682 | 136 | 70 | 70 | 682 | 682 | 136 | 70 | 70 | 682 | 682 |
| 418B 23 20 | 300 | 144 | 55 | 55 | 492 | 492 | 144 | 55 | 55 | 492 | 492 | 144 | 55 | 55 | 492 | 492 |
| 427B 23 20 | 300 | 142 | 55 | 55 | 492 | 492 | 142 | 55 | 55 | 442 | 442 | 142 | 55 | 55 | 442 | 442 |
| 433B 23 20 | 300 | 142 | 50 | 50 | 442 | 442 | 142 | 50 | 50 | 442 | 442 | 142 | 50 | 50 | 442 | 492 |
| 442B 23 20 | 300 | 144 | 45 | 45 | 492 | 492 | 144 | 45 | 45 | 492 | 492 | 144 | 45 | 45 | 492 | 492 |
| 451B 23 20 | 300 | 136 | 55 | 55 | 682 | 682 | 136 | 55 | 55 | 682 | 682 | 135 | 55 | 55 | 682 | 682 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 409B 23 20 | 23 | 1- 1/4 | 46 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 418B 23 20 | 23 | 1- 1/4 | 42 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 427B 23 20 | 23 | 1- 1/4 | 36 | 123 | 122 | 7/16X16 | 3/8 | 0 | 5110 | 1111 | 5210 |
| 433B 23 20 | 23 | 1- 1/4 | 36 | 122 | 123 | 3/8 X15 | 3/8 | 0 | 5210 | 1111 | 5110 |
| 442B 23 20 | 23 | 1- 1/4 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 451B 23 20 | 23 | 1- 1/4 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 409B 23 20 | 22 | 1- 1/4 | 46 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 418B 23 20 | 22 | 1- 1/4 | 42 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 427B 23 20 | 22 | 1- 1/4 | 36 | 123 | 122 | 7/16X16 | 3/8 | 0 | 5110 | 1111 | 5210 |
| 433B 23 20 | 22 | 1- 1/4 | 36 | 122 | 123 | 3/8 X15 | 3/8 | 0 | 5210 | 1111 | 5110 |
| 442B 23 20 | 22 | 1- 1/4 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 451B 23 20 | 22 | 1- 1/4 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 409B 23 20 | 21 | 1- 1/4 | 46 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 418B 23 20 | 21 | 1- 1/4 | 42 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 427B 23 20 | 21 | 1- 1/4 | 36 | 123 | 122 | 7/16X16 | 3/8 | 0 | 5110 | 1111 | 5210 |
| 433B 23 20 | 21 | 1- 1/4 | 36 | 122 | 123 | 3/8 X15 | 3/8 | 0 | 5210 | 1111 | 5110 |
| 442B 23 20 | 21 | 1- 1/4 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 451B 23 20 | 21 | 1- 1/4 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 1008 | 23 | 21 | 210 | 142 | 60 | 60 | 692 | 692 | 547 | 60 | 60 | 0 | 0 | 147 | 60 | 60 | 692 | 692 |
| 3008 | 23 | 21 | 210 | 142 | 70 | 70 | 692 | 692 | 547 | 70 | 70 | 0 | 0 | 147 | 65 | 65 | 692 | 692 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 1008 | 23 | 21 | 23 | 1- 1/4 | 50 | 132 | 132 | 1- 1/8 X16 | 9/16 | 3/8 | 5410 | 5010 | 1313 |
| 3008 | 23 | 21 | 23 | 1- 1/4 | 50 | 132 | 132 | 1- 1/16X16 | 1/2 | 3/8 | 5410 | 5010 | 1313 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 1008 | 23 | 21 | 22 | 1- 1/4 | 50 | 132 | 132 | 1- 1/8 X16 | 9/16 | 3/8 | 5410 | 5010 | 1313 |
| 3008 | 23 | 21 | 22 | 1- 1/4 | 50 | 132 | 132 | 1- 1/16X16 | 1/2 | 3/8 | 5410 | 5010 | 1313 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

4-81- 71

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 106B | 24 | 21 | 300 | 149 | 50 | 50 | 682 | 683 | 150 | 46 | 46 | 683 | 683 | 152 | 46 | 46 | 683 | 683 |
| 115B | 24 | 21 | 300 | 156 | 46 | 46 | 683 | 683 | 156 | 50 | 50 | 683 | 683 | 156 | 50 | 50 | 683 | 683 |
| 124B | 24 | 21 | 300 | 156 | 50 | 50 | 683 | 683 | 156 | 50 | 50 | 683 | 683 | 156 | 50 | 50 | 683 | 683 |
| 136B | 24 | 21 | 300 | 158 | 50 | 50 | 683 | 683 | 158 | 50 | 50 | 683 | 683 | 158 | 50 | 50 | 683 | 683 |
| 145B | 24 | 21 | 300 | 156 | 50 | 50 | 693 | 693 | 156 | 50 | 50 | 693 | 693 | 156 | 50 | 50 | 693 | 693 |
| 154B | 24 | 21 | 300 | 152 | 50 | 50 | 683 | 693 | 150 | 50 | 50 | 683 | 693 | 149 | 50 | 50 | 682 | 693 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B | 24 | 21 | 24 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 115B | 24 | 21 | 24 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 124B | 24 | 21 | 24 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 136B | 24 | 21 | 24 | 1- 1/4 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 145B | 24 | 21 | 24 | 1- 1/4 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 154B | 24 | 21 | 24 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B | 24 | 21 | 23 | 1- 1/4 | 36 | 124 | 125 | 3/4 X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 115B | 24 | 21 | 23 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 124B | 24 | 21 | 23 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 136B | 24 | 21 | 23 | 1- 1/4 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 145B | 24 | 21 | 23 | 1- 1/4 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 154B | 24 | 21 | 23 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1311 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B | 24 | 21 | 22 | 1- 1/4 | 36 | 124 | 125 | 3/4 X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 115B | 24 | 21 | 22 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 124B | 24 | 21 | 22 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 136B | 24 | 21 | 22 | 1- 1/4 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 145B | 24 | 21 | 22 | 1- 1/4 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 154B | 24 | 21 | 22 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1311 |

4-81- 72

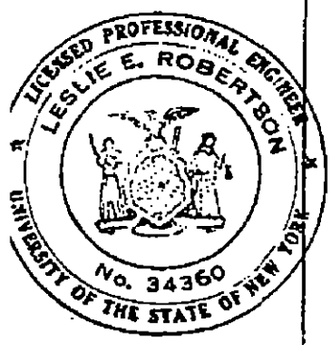
WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

EVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 206B | 24 | 21 | 300 | 135 | 65 | 65 | 682 | 682 | 135 | 60 | 60 | 682 | 682 | 135 | 60 | 60 | 682 | 682 |
| 215B | 24 | 21 | 300 | 140 | 55 | 55 | 492 | 682 | 142 | 55 | 55 | 492 | 492 | 144 | 50 | 50 | 492 | 492 |
| 224B | 24 | 21 | 300 | 142 | 50 | 50 | 492 | 492 | 142 | 50 | 50 | 492 | 492 | 142 | 50 | 50 | 492 | 492 |
| 236B | 24 | 21 | 300 | 142 | 55 | 55 | 442 | 442 | 142 | 55 | 55 | 442 | 442 | 142 | 55 | 55 | 492 | 492 |
| 245B | 24 | 21 | 300 | 144 | 55 | 55 | 492 | 492 | 142 | 55 | 55 | 492 | 492 | 140 | 60 | 60 | 492 | 492 |
| 254B | 24 | 21 | 300 | 135 | 65 | 65 | 492 | 682 | 135 | 65 | 65 | 492 | 682 | 135 | 65 | 65 | 682 | 682 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 206B | 24 | 21 | 24 | 1- 1/4 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1212 | 5110 |
| 215B | 24 | 21 | 24 | 1- 1/4 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 224B | 24 | 21 | 24 | 1- 1/4 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 236B | 24 | 21 | 24 | 1- 1/4 | 36 | 122 | 123 | 3/8 X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 245B | 24 | 21 | 24 | 1- 1/4 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 5310 | 1212 |
| 254B | 24 | 21 | 24 | 1- 1/4 | 45 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |




| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 206B | 24 | 21 | 23 | 1- 1/4 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1212 | 5110 |
| 215B | 24 | 21 | 23 | 1- 1/4 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 224B | 24 | 21 | 23 | 1- 1/4 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 236B | 24 | 21 | 23 | 1- 1/4 | 36 | 122 | 123 | 3/8 X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 245B | 24 | 21 | 23 | 1- 1/4 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 5310 | 1212 |
| 254B | 24 | 21 | 23 | 1- 1/4 | 45 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 206B | 24 | 21 | 22 | 1- 1/4 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1212 | 5110 |
| 215B | 24 | 21 | 22 | 1- 1/4 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 224B | 24 | 21 | 22 | 1- 1/4 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 236B | 24 | 21 | 22 | 1- 1/4 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 245B | 24 | 21 | 22 | 1- 1/4 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 5310 | 1212 |
| 254B | 24 | 21 | 22 | 1- 1/4 | 45 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

4-81- 73

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 306B | 24 | 21 | 300 | 149 | 55 | 55 | 682 | 683 | 150 | 50 | 50 | 683 | 683 | 152 | 50 | 50 | 683 | 683 |
| 315B | 24 | 21 | 300 | 156 | 45 | 45 | 683 | 683 | 156 | 45 | 45 | 683 | 683 | 156 | 45 | 45 | 683 | 683 |
| 324B | 24 | 21 | 300 | 156 | 45 | 45 | 683 | 683 | 156 | 45 | 45 | 683 | 683 | 156 | 45 | 45 | 683 | 683 |
| 336B | 24 | 21 | 300 | 158 | 45 | 45 | 683 | 683 | 158 | 45 | 45 | 683 | 683 | 158 | 42 | 42 | 683 | 683 |
| 345B | 24 | 21 | 300 | 156 | 46 | 46 | 683 | 693 | 156 | 46 | 46 | 683 | 693 | 156 | 50 | 50 | 683 | 693 |
| 354B | 24 | 21 | 300 | 152 | 55 | 55 | 683 | 683 | 150 | 55 | 55 | 683 | 683 | 149 | 55 | 55 | 682 | 683 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 306B | 24 | 21 | 24 | 1- 1/4 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 315B | 24 | 21 | 24 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 324B | 24 | 21 | 24 | 1- 1/4 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 336B | 24 | 21 | 24 | 1- 1/4 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 345B | 24 | 21 | 24 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 354B | 24 | 21 | 24 | 1- 1/4 | 36 | 125 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 306B | 24 | 21 | 23 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 315B | 24 | 21 | 23 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 324B | 24 | 21 | 23 | 1- 1/4 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 336B | 24 | 21 | 23 | 1- 1/4 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 345B | 24 | 21 | 23 | 1- 1/4 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 354B | 24 | 21 | 23 | 1- 1/4 | 42 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1311 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 306B | 24 | 21 | 22 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 315B | 24 | 21 | 22 | 1- 1/4 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 324B | 24 | 21 | 22 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 336B | 24 | 21 | 22 | 1- 1/4 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 345B | 24 | 21 | 22 | 1- 1/4 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 354B | 24 | 21 | 22 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5110 | 1311 |

4-B1- 74

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 406B 24 21 | 300 | 135 | 70 | 70 | 682 | 682 | 135 | 70 | 70 | 682 | 682 | 135 | 70 | 70 | 682 | 682 |
| 415B 24 21 | 300 | 140 | 60 | 60 | 492 | 492 | 142 | 60 | 60 | 492 | 492 | 144 | 55 | 55 | 492 | 492 |
| 424B 24 21 | 300 | 142 | 55 | 55 | 492 | 492 | 142 | 55 | 55 | 492 | 492 | 142 | 55 | 55 | 492 | 492 |
| 436B 24 21 | 300 | 142 | 50 | 50 | 492 | 492 | 142 | 50 | 50 | 492 | 492 | 142 | 50 | 50 | 492 | 492 |
| 445B 24 21 | 300 | 144 | 45 | 45 | 492 | 492 | 142 | 45 | 45 | 492 | 492 | 140 | 50 | 50 | 492 | 492 |
| 454B 24 21 | 300 | 135 | 55 | 55 | 682 | 682 | 135 | 60 | 60 | 682 | 682 | 135 | 60 | 60 | 682 | 682 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 406B 24 21 | 24 | 1- 1/4 | 45 | 124 | 124 | 3/4 X16 | 3/8 | 0 | 5110 | 1212 | 5110 |
| 415B 24 21 | 24 | 1- 1/4 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 424B 24 21 | 24 | 1- 1/4 | 42 | 123 | 123 | 7/16X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 436B 24 21 | 24 | 1- 1/4 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 445B 24 21 | 24 | 1- 1/4 | 36 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 5310 | 1212 |
| 454B 24 21 | 24 | 1- 1/4 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 406B 24 21 | 23 | 1- 1/4 | 46 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1212 | 5110 |
| 415B 24 21 | 23 | 1- 1/4 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 424B 24 21 | 23 | 1- 1/4 | 42 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 436B 24 21 | 23 | 1- 1/4 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 445B 24 21 | 23 | 1- 1/4 | 36 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 5310 | 1212 |
| 454B 24 21 | 23 | 1- 1/4 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 406B 24 21 | 22 | 1- 1/4 | 46 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1212 | 5110 |
| 415B 24 21 | 22 | 1- 1/4 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 424B 24 21 | 22 | 1- 1/4 | 42 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 436B 24 21 | 22 | 1- 1/4 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 445B 24 21 | 22 | 1- 1/4 | 36 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 5310 | 1212 |
| 454B 24 21 | 22 | 1- 1/4 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

4-81- 75

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 200B | 24 | 22 | 210 | 146 | 65 | 65 | 692 | 692 | 546 | 70 | 70 | 0 | 0 | 141 | 70 | 70 | 692 | 692 |
| 400B | 24 | 22 | 210 | 146 | 70 | 70 | 692 | 692 | 546 | 75 | 75 | 0 | 0 | 141 | 75 | 75 | 692 | 692 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 200B | 24 | 22 | 24 | 1- 1/4 | 50 | 133 | 133 | 1- 1/8 X16 | 9/16 | 3/8 | 1313 | 5010 | 5610 |
| 400B | 24 | 22 | 24 | 1- 1/4 | 50 | 133 | 132 | 1- 1/8 X16 | 9/16 | 3/8 | 1313 | 5010 | 5610 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 200B | 24 | 22 | 23 | 1- 1/4 | 50 | 133 | 133 | 1- 1/8 X16 | 9/16 | 3/8 | 1313 | 5010 | 5610 |
| 400B | 24 | 22 | 23 | 1- 1/4 | 50 | 133 | 133 | 1- 1/8 X16 | 9/16 | 3/8 | 1313 | 5010 | 5610 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

4-B1- 76

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 1038 25 22 | 300 | 140 | 60 | 60 | 692 | 692 | 143 | 55 | 55 | 682 | 682 | 146 | 50 | 50 | 682 | 682 |
| 1128 25 22 | 300 | 156 | 45 | 45 | 683 | 683 | 156 | 46 | 46 | 683 | 683 | 156 | 46 | 46 | 683 | 683 |
| 1218 25 22 | 300 | 156 | 50 | 50 | 683 | 683 | 156 | 50 | 50 | 683 | 683 | 156 | 50 | 50 | 683 | 683 |
| 1308 25 22 | 300 | 156 | 50 | 50 | 683 | 683 | 157 | 50 | 50 | 683 | 683 | 157 | 50 | 50 | 683 | 683 |
| 1398 25 22 | 300 | 157 | 50 | 50 | 683 | 683 | 157 | 50 | 50 | 683 | 683 | 157 | 50 | 50 | 683 | 683 |
| 1488 25 22 | 300 | 156 | 50 | 50 | 683 | 693 | 156 | 50 | 50 | 683 | 693 | 156 | 50 | 50 | 683 | 693 |
| 1578 25 22 | 300 | 146 | 55 | 55 | 682 | 682 | 143 | 55 | 55 | 682 | 682 | 140 | 65 | 65 | 692 | 692 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 1038 25 22 | 25 | 1- 1/4 | 46 | 132 | 124 | 15/16X16 | 1/2 | 5/16 | 5110 | 2310 | 5210 |
| 1128 25 22 | 25 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 2510 | 5210 | 2410 |
| 1218 25 22 | 25 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 2410 | 5210 |
| 1308 25 22 | 25 | 1- 1/4 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 2410 | 5210 | 2410 |
| 1398 25 22 | 25 | 1- 1/4 | 36 | 124 | 125 | 13/16X16 | 1/2 | 0 | 5210 | 2410 | 5210 |
| 1488 25 22 | 25 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 2410 | 5210 | 2510 |
| 1578 25 22 | 25 | 1- 1/4 | 50 | 125 | 133 | 15/16X16 | 1/2 | 5/16 | 5210 | 2310 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 1038 25 22 | 24 | 1- 1/4 | 46 | 132 | 124 | 15/16X16 | 1/2 | 5/16 | 5110 | 1311 | 5210 |
| 1128 25 22 | 24 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| 1218 25 22 | 24 | 1- 1/4 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 1308 25 22 | 24 | 1- 1/4 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 1398 25 22 | 24 | 1- 1/4 | 36 | 124 | 125 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 1488 25 22 | 24 | 1- 1/4 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5210 | 1511 |
| 1578 25 22 | 24 | 1- 1/4 | 50 | 125 | 133 | 15/16X16 | 1/2 | 5/16 | 5210 | 1311 | 5110 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 1038 25 22 | 23 | 1- 1/4 | 46 | 132 | 124 | 15/16X16 | 1/2 | 5/16 | 5110 | 1311 | 5210 |
| 1128 25 22 | 23 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| 1218 25 22 | 23 | 1- 1/4 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 1308 25 22 | 23 | 1- 1/4 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 1398 25 22 | 23 | 1- 1/4 | 36 | 124 | 125 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 1488 25 22 | 23 | 1- 1/4 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5210 | 1511 |
| 1578 25 22 | 23 | 1- 1/4 | 50 | 125 | 133 | 15/16X16 | 1/2 | 5/16 | 5210 | 1311 | 5110 |

4-B1- 77

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 203B | 25 | 22 | 300 | 134 | 70 | 70 | 692 | 692 | 135 | 65 | 65 | 682 | 682 | 135 | 65 | 65 | 682 | 682 |
| 212B | 25 | 22 | 300 | 135 | 60 | 60 | 682 | 682 | 137 | 60 | 60 | 682 | 682 | 138 | 55 | 55 | 682 | 682 |
| 221B | 25 | 22 | 300 | 144 | 50 | 50 | 492 | 492 | 144 | 50 | 50 | 492 | 492 | 143 | 50 | 50 | 492 | 492 |
| 230B | 25 | 22 | 300 | 141 | 50 | 50 | 442 | 442 | 141 | 50 | 50 | 442 | 442 | 141 | 50 | 50 | 442 | 442 |
| 239B | 25 | 22 | 300 | 143 | 55 | 55 | 492 | 492 | 144 | 55 | 55 | 492 | 492 | 144 | 50 | 50 | 492 | 492 |
| 248B | 25 | 22 | 300 | 138 | 60 | 60 | 492 | 492 | 137 | 65 | 65 | 492 | 492 | 135 | 65 | 65 | 492 | 492 |
| 257B | 25 | 22 | 300 | 135 | 70 | 70 | 682 | 682 | 135 | 70 | 70 | 682 | 682 | 134 | 75 | 75 | 682 | 682 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 203B | 25 | 22 | 25 | 1- 1/4 | 55 | 133 | 124 | 7/8 X16 | 7/16 | 0 | 2010 | 5210 | 5010 |
| 212B | 25 | 22 | 25 | 1- 1/4 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 221B | 25 | 22 | 25 | 1- 1/4 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 2110 | 5210 |
| 230B | 25 | 22 | 25 | 1- 1/4 | 36 | 122 | 122 | 3/8 X14 | 3/8 | 0 | 2110 | 5210 | 2110 |
| 239B | 25 | 22 | 25 | 1- 1/4 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 2110 | 5210 |
| 248B | 25 | 22 | 25 | 1- 1/4 | 45 | 123 | 124 | 9/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 257B | 25 | 22 | 25 | 1- 1/4 | 60 | 124 | 132 | 13/16X16 | 7/16 | 0 | 5010 | 5210 | 2010 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 203B | 25 | 22 | 24 | 1- 1/4 | 55 | 133 | 124 | 7/8 X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 212B | 25 | 22 | 24 | 1- 1/4 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 221B | 25 | 22 | 24 | 1- 1/4 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 230B | 25 | 22 | 24 | 1- 1/4 | 36 | 123 | 122 | 3/8 X14 | 3/8 | 0 | 1111 | 5210 | 1111 |
| 239B | 25 | 22 | 24 | 1- 1/4 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 248B | 25 | 22 | 24 | 1- 1/4 | 45 | 123 | 124 | 9/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 257B | 25 | 22 | 24 | 1- 1/4 | 60 | 124 | 132 | 13/16X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 203B | 25 | 22 | 23 | 1- 1/4 | 55 | 133 | 124 | 7/8 X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 212B | 25 | 22 | 23 | 1- 1/4 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 221B | 25 | 22 | 23 | 1- 1/4 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 230B | 25 | 22 | 23 | 1- 1/4 | 36 | 123 | 122 | 3/8 X14 | 3/8 | 0 | 1111 | 5210 | 1111 |
| 239B | 25 | 22 | 23 | 1- 1/4 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 248B | 25 | 22 | 23 | 1- 1/4 | 45 | 123 | 124 | 9/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 257B | 25 | 22 | 23 | 1- 1/4 | 60 | 124 | 132 | 13/16X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

4-B1- 78

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 303B 25 22 | 300 | 140 | 65 | 65 | 682 | 692 | 143 | 60 | 60 | 682 | 682 | 146 | 55 | 55 | 682 | 682 |
| 312B 25 22 | 300 | 156 | 46 | 46 | 683 | 683 | 156 | 46 | 46 | 683 | 683 | 156 | 46 | 46 | 683 | 683 |
| 321B 25 22 | 300 | 156 | 45 | 45 | 683 | 683 | 156 | 45 | 45 | 683 | 683 | 156 | 45 | 45 | 683 | 683 |
| 330B 25 22 | 300 | 156 | 45 | 45 | 493 | 683 | 157 | 45 | 45 | 493 | 683 | 157 | 45 | 45 | 683 | 683 |
| 339B 25 22 | 300 | 157 | 42 | 42 | 683 | 683 | 157 | 45 | 45 | 683 | 683 | 157 | 45 | 45 | 683 | 683 |
| 348B 25 22 | 300 | 156 | 50 | 50 | 683 | 693 | 156 | 50 | 50 | 683 | 693 | 156 | 50 | 50 | 683 | 693 |
| 357B 25 22 | 300 | 146 | 55 | 55 | 682 | 682 | 143 | 60 | 60 | 682 | 682 | 140 | 70 | 70 | 692 | 692 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 303B 25 22 | 25 | 1- 1/4 | 50 | 132 | 124 | 7/8 X16 | 7/16 | 0 | 5110 | 2310 | 5210 |
| 312B 25 22 | 25 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 2510 | 5210 | 2410 |
| 321B 25 22 | 25 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 2410 | 5210 |
| 330B 25 22 | 25 | 1- 1/4 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 2410 | 5210 | 2410 |
| 339B 25 22 | 25 | 1- 1/4 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5210 | 2410 | 5210 |
| 348B 25 22 | 25 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 2410 | 5210 | 2510 |
| 357B 25 22 | 25 | 1- 1/4 | 55 | 124 | 133 | 15/16X16 | 1/2 | 5/16 | 5210 | 2310 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 303B 25 22 | 24 | 1- 1/4 | 50 | 132 | 124 | 7/8 X16 | 7/16 | 0 | 5110 | 1311 | 5210 |
| 312B 25 22 | 24 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| 321B 25 22 | 24 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 330B 25 22 | 24 | 1- 1/4 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 339B 25 22 | 24 | 1- 1/4 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 348B 25 22 | 24 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5210 | 1511 |
| 357B 25 22 | 24 | 1- 1/4 | 55 | 124 | 133 | 15/16X16 | 1/2 | 5/16 | 5210 | 1311 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 303B 25 22 | 23 | 1- 1/4 | 50 | 132 | 124 | 7/8 X16 | 7/16 | 0 | 5110 | 1311 | 5210 |
| 312B 25 22 | 23 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| 321B 25 22 | 23 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 330B 25 22 | 23 | 1- 1/4 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 339B 25 22 | 23 | 1- 1/4 | 36 | 124 | 125 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 348B 25 22 | 23 | 1- 1/4 | 36 | 125 | 125 | 7/8 X16 | 1/2 | 0 | 1411 | 5210 | 1511 |
| 357B 25 22 | 23 | 1- 1/4 | 55 | 125 | 133 | 15/16X16 | 1/2 | 5/16 | 5210 | 1311 | 5110 |

4-81- 79

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B | 25 | 22 | 300 | 134 | 80 | 80 | 692 | 692 | 135 | 70 | 70 | 682 | 682 | 135 | 70 | 70 | 682 | 682 |
| 412B | 25 | 22 | 300 | 135 | 65 | 65 | 682 | 682 | 137 | 65 | 65 | 492 | 682 | 138 | 60 | 60 | 492 | 682 |
| 421B | 25 | 22 | 300 | 144 | 55 | 55 | 492 | 492 | 144 | 55 | 55 | 492 | 492 | 143 | 55 | 55 | 492 | 492 |
| 430B | 25 | 22 | 300 | 141 | 55 | 55 | 442 | 442 | 141 | 55 | 55 | 442 | 442 | 141 | 50 | 50 | 442 | 442 |
| 439B | 25 | 22 | 300 | 143 | 46 | 46 | 492 | 492 | 144 | 45 | 45 | 492 | 492 | 144 | 45 | 45 | 492 | 492 |
| 448B | 25 | 22 | 300 | 138 | 50 | 50 | 492 | 492 | 137 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 682 |
| 457B | 25 | 22 | 300 | 135 | 60 | 60 | 682 | 682 | 135 | 60 | 60 | 682 | 682 | 134 | 70 | 70 | 692 | 692 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B | 25 | 22 | 25 | 1- 1/4 | 60 | 132 | 124 | 7/8 X16 | 7/16 | 0 | 2010 | 5210 | 5010 |
| 412B | 25 | 22 | 25 | 1- 1/4 | 45 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 421B | 25 | 22 | 25 | 1- 1/4 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 2110 | 5210 |
| 430B | 25 | 22 | 25 | 1- 1/4 | 36 | 122 | 122 | 3/8 X14 | 3/8 | 0 | 2110 | 5210 | 2110 |
| 439B | 25 | 22 | 25 | 1- 1/4 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 2110 | 5210 |
| 448B | 25 | 22 | 25 | 1- 1/4 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 457B | 25 | 22 | 25 | 1- 1/4 | 55 | 124 | 132 | 13/16X16 | 7/16 | 0 | 5010 | 5210 | 2010 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B | 25 | 22 | 24 | 1- 1/4 | 60 | 132 | 124 | 7/8 X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 412B | 25 | 22 | 24 | 1- 1/4 | 45 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 421B | 25 | 22 | 24 | 1- 1/4 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 430B | 25 | 22 | 24 | 1- 1/4 | 36 | 122 | 122 | 3/8 X14 | 3/8 | 0 | 1111 | 5210 | 1111 |
| 439B | 25 | 22 | 24 | 1- 1/4 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 448B | 25 | 22 | 24 | 1- 1/4 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 457B | 25 | 22 | 24 | 1- 1/4 | 55 | 124 | 132 | 13/16X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B | 25 | 22 | 23 | 1- 1/4 | 60 | 133 | 124 | 7/8 X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 412B | 25 | 22 | 23 | 1- 1/4 | 45 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 421B | 25 | 22 | 23 | 1- 1/4 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 430B | 25 | 22 | 23 | 1- 1/4 | 36 | 122 | 122 | 3/8 X14 | 3/8 | 0 | 1111 | 5210 | 1111 |
| 439B | 25 | 22 | 23 | 1- 1/4 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 448B | 25 | 22 | 23 | 1- 1/4 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 457B | 25 | 22 | 23 | 1- 1/4 | 55 | 124 | 132 | 7/8 X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

4-81- 80

**WORTHINGTON, SKILLING, HELLE & JACKSON** — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100B 25 23 | 210 | 141 | 60 | 60 | 692 | 692 | 546 | 60 | 60 | 0 | 0 | 146 | 60 | 60 | 692 | 692 |
| 300B 25 23 | 210 | 141 | 70 | 70 | 692 | 692 | 546 | 70 | 70 | 0 | 0 | 146 | 65 | 65 | 692 | 692 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | WELD NO 6 | WELD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 100B 25 23 | 25 | 1- 1/4 | 50 | 132 | 132 | 1- 1/16X16 | 9/16 | 3/8 | 5410 | 5010 | 2310 |
| 300B 25 23 | 25 | 1- 1/4 | 50 | 132 | 132 | 1- 1/16X16 | 1/2 | 3/8 | 5410 | 5010 | 2310 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | WELD NO 6 | WELD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 100B 25 23 | 24 | 1- 1/4 | 50 | 132 | 132 | 1- 1/16X16 | 9/16 | 3/8 | 5410 | 5010 | 1313 |
| 300B 25 23 | 24 | 1- 1/4 | 50 | 132 | 132 | 1- 1/16X16 | 1/2 | 3/8 | 5410 | 5010 | 1313 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

4-81- 81

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 109B 26 23 | 300 | 152 | 46 | 46 | 683 | 683 | 153 | 46 | 46 | 683 | 683 | 155 | 45 | 45 | 683 | 683 |
| 118B 26 23 | 300 | 155 | 50 | 50 | 683 | 683 | 155 | 50 | 50 | 683 | 683 | 155 | 50 | 50 | 683 | 683 |
| 127B 26 23 | 300 | 155 | 50 | 50 | 683 | 683 | 155 | 50 | 50 | 683 | 683 | 156 | 50 | 50 | 683 | 683 |
| 133B 26 23 | 300 | 157 | 50 | 50 | 683 | 683 | 157 | 50 | 50 | 683 | 683 | 157 | 50 | 50 | 683 | 683 |
| 142B 26 23 | 300 | 156 | 50 | 50 | 683 | 683 | 156 | 50 | 50 | 683 | 683 | 155 | 50 | 50 | 683 | 683 |
| 151B 26 23 | 300 | 155 | 50 | 50 | 683 | 693 | 153 | 50 | 50 | 683 | 693 | 152 | 50 | 50 | 683 | 693 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 109B 26 23 | 26 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 118B 26 23 | 26 | 1- 1/4 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 127B 26 23 | 26 | 1- 1/4 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5110 | 1411 | 5210 |
| 133B 26 23 | 26 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 142B 26 23 | 26 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 151B 26 23 | 26 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 109B 26 23 | 25 | 1- 1/4 | 36 | 124 | 125 | 13/16X16 | 1/2 | 0 | 5210 | 2410 | 5210 |
| 118B 26 23 | 25 | 1- 1/4 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 2410 | 5210 | 2410 |
| 127B 26 23 | 25 | 1- 1/4 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5110 | 2410 | 5210 |
| 133B 26 23 | 25 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 2410 | 5110 |
| 142B 26 23 | 25 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 2410 | 5210 | 2410 |
| 151B 26 23 | 25 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 5210 | 2410 | 5210 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 109B 26 23 | 24 | 1- 1/4 | 36 | 124 | 125 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 118B 26 23 | 24 | 1- 1/4 | 36 | 125 | 124 | 13/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 127B 26 23 | 24 | 1- 1/4 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5110 | 1411 | 5210 |
| 133B 26 23 | 24 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 142B 26 23 | 24 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 151B 26 23 | 24 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |

4-81- 82

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 209B | 26 | 23 | 300 | 135 | 60 | 60 | 682 | 682 | 135 | 60 | 60 | 682 | 682 | 135 | 60 | 60 | 682 | 682 |
| 218B | 26 | 23 | 300 | 144 | 50 | 50 | 492 | 492 | 144 | 50 | 50 | 492 | 492 | 144 | 50 | 50 | 492 | 492 |
| 227B | 26 | 23 | 300 | 141 | 50 | 50 | 492 | 492 | 141 | 50 | 50 | 442 | 442 | 141 | 50 | 50 | 442 | 442 |
| 233B | 26 | 23 | 300 | 141 | 50 | 50 | 442 | 442 | 141 | 50 | 50 | 442 | 442 | 141 | 50 | 50 | 442 | 442 |
| 242B | 26 | 23 | 300 | 144 | 55 | 55 | 492 | 492 | 144 | 55 | 55 | 492 | 492 | 144 | 55 | 55 | 492 | 492 |
| 251B | 26 | 23 | 300 | 135 | 65 | 65 | 492 | 492 | 135 | 65 | 65 | 492 | 492 | 135 | 65 | 65 | 492 | 492 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 209B | 26 | 23 | 26 | 1- 1/4 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 218B | 26 | 23 | 26 | 1- 1/4 | 36 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 227B | 26 | 23 | 26 | 1- 1/4 | 36 | 123 | 122 | 3/8 X16 | 3/8 | 0 | 5110 | 1111 | 5210 |
| 233B | 26 | 23 | 26 | 1- 1/4 | 36 | 122 | 122 | 3/8 X14 | 3/8 | 0 | 5210 | 1111 | 5110 |
| 242B | 26 | 23 | 26 | 1- 1/4 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 251B | 26 | 23 | 26 | 1- 1/4 | 45 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 209B | 26 | 23 | 25 | 1- 1/4 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5010 | 5210 | 2210 |
| 218B | 26 | 23 | 25 | 1- 1/4 | 36 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 2610 | 5210 | 2110 |
| 227B | 26 | 23 | 25 | 1- 1/4 | 36 | 123 | 122 | 3/8 X16 | 3/8 | 0 | 5110 | 2110 | 5210 |
| 233B | 26 | 23 | 25 | 1- 1/4 | 36 | 122 | 122 | 3/8 X14 | 3/8 | 0 | 5210 | 2110 | 5110 |
| 242B | 26 | 23 | 25 | 1- 1/4 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 2110 | 5210 | 2610 |
| 251B | 26 | 23 | 25 | 1- 1/4 | 45 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 2210 | 5210 | 5010 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 209B | 26 | 23 | 24 | 1- 1/4 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 218B | 26 | 23 | 24 | 1- 1/4 | 36 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 227B | 26 | 23 | 24 | 1- 1/4 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5110 | 1111 | 5210 |
| 233B | 26 | 23 | 24 | 1- 1/4 | 36 | 122 | 122 | 3/8 X14 | 3/8 | 0 | 5210 | 1111 | 5110 |
| 242B | 26 | 23 | 24 | 1- 1/4 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 251B | 26 | 23 | 24 | 1- 1/4 | 45 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

4-B1- 83

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | FY1 | FY2 | CSU | CSL | COLUMN 2 TYPE | FY1 | FY2 | CSU | CSL | COLUMN 3 TYPE | FY1 | FY2 | CSU | CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 309B 26 23 | 300 | 152 | 50 | 50 | 683 | 683 | 153 | 50 | 50 | 683 | 683 | 155 | 50 | 50 | 683 | 683 |
| 318B 26 23 | 300 | 155 | 45 | 45 | 683 | 683 | 155 | 45 | 45 | 683 | 683 | 155 | 45 | 45 | 683 | 683 |
| 327B 26 23 | 300 | 155 | 45 | 45 | 683 | 683 | 155 | 45 | 45 | 493 | 683 | 156 | 45 | 45 | 493 | 683 |
| 333B 26 23 | 300 | 157 | 45 | 45 | 683 | 683 | 157 | 45 | 45 | 683 | 683 | 157 | 45 | 45 | 683 | 683 |
| 342B 26 23 | 300 | 156 | 45 | 45 | 683 | 683 | 156 | 45 | 45 | 683 | 683 | 155 | 46 | 46 | 683 | 683 |
| 351B 26 23 | 300 | 155 | 50 | 50 | 683 | 693 | 153 | 50 | 50 | 683 | 683 | 152 | 50 | 50 | 683 | 683 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 309B 26 23 | 26 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 318B 26 23 | 26 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 327B 26 23 | 26 | 1- 1/4 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5110 | 1411 | 5210 |
| 333B 26 23 | 26 | 1- 1/4 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 342B 26 23 | 26 | 1- 1/4 | 36 | 124 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 351B 26 23 | 26 | 1- 1/4 | 36 | 125 | 124 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 309B 26 23 | 25 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 2410 | 5210 |
| 318B 26 23 | 25 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 2410 | 5210 | 2410 |
| 327B 26 23 | 25 | 1- 1/4 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5110 | 2410 | 5210 |
| 333B 26 23 | 25 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 2410 | 5110 |
| 342B 26 23 | 25 | 1- 1/4 | 36 | 124 | 125 | 13/16X16 | 1/2 | 0 | 2410 | 5210 | 2410 |
| 351B 26 23 | 25 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 5210 | 2410 | 5210 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 309B 26 23 | 24 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 318B 26 23 | 24 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 327B 26 23 | 24 | 1- 1/4 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5110 | 1411 | 5210 |
| 333B 26 23 | 24 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 342B 26 23 | 24 | 1- 1/4 | 36 | 124 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 351B 26 23 | 24 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

4-81- 84

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 409B | 26 | 23 | 300 | 135 | 65 | 65 | 682 | 682 | 135 | 65 | 65 | 682 | 682 | 135 | 65 | 65 | 682 | 682 |
| 418B | 26 | 23 | 300 | 144 | 55 | 55 | 492 | 492 | 144 | 55 | 55 | 492 | 492 | 144 | 55 | 55 | 492 | 492 |
| 427B | 26 | 23 | 300 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 442 | 442 | 141 | 55 | 55 | 442 | 442 |
| 433B | 26 | 23 | 300 | 141 | 50 | 50 | 442 | 442 | 141 | 50 | 50 | 442 | 442 | 141 | 50 | 50 | 442 | 442 |
| 442B | 26 | 23 | 300 | 144 | 45 | 45 | 492 | 492 | 144 | 45 | 45 | 492 | 492 | 144 | 45 | 45 | 492 | 492 |
| 451B | 26 | 23 | 300 | 135 | 55 | 55 | 492 | 682 | 135 | 55 | 55 | 492 | 682 | 135 | 55 | 55 | 682 | 682 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 409B | 26 | 23 | 26 | 1- 1/4 | 45 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 418B | 26 | 23 | 26 | 1- 1/4 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 427B | 26 | 23 | 26 | 1- 1/4 | 36 | 123 | 122 | 3/8 X15 | 3/8 | 0 | 5110 | 1111 | 5210 |
| 433B | 26 | 23 | 26 | 1- 1/4 | 36 | 122 | 123 | 3/8 X15 | 3/8 | 0 | 5210 | 1111 | 5110 |
| 442B | 26 | 23 | 26 | 1- 1/4 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 451B | 26 | 23 | 26 | 1- 1/4 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 409B | 26 | 23 | 25 | 1- 1/4 | 45 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5010 | 5210 | 2210 |
| 418B | 26 | 23 | 25 | 1- 1/4 | 36 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 2610 | 5210 | 2110 |
| 427B | 26 | 23 | 25 | 1- 1/4 | 36 | 123 | 122 | 3/8 X16 | 3/8 | 0 | 5110 | 2110 | 5210 |
| 433B | 26 | 23 | 25 | 1- 1/4 | 36 | 122 | 123 | 3/8 X15 | 3/8 | 0 | 5210 | 2110 | 5110 |
| 442B | 26 | 23 | 25 | 1- 1/4 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 2110 | 5210 | 2610 |
| 451B | 26 | 23 | 25 | 1- 1/4 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 2210 | 5210 | 5010 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 409B | 26 | 23 | 24 | 1- 1/4 | 45 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 418B | 26 | 23 | 24 | 1- 1/4 | 42 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 427B | 26 | 23 | 24 | 1- 1/4 | 36 | 123 | 122 | 3/8 X16 | 3/8 | 0 | 5110 | 1111 | 5210 |
| 433B | 26 | 23 | 24 | 1- 1/4 | 36 | 122 | 123 | 3/8 X15 | 3/8 | 0 | 5210 | 1111 | 5110 |
| 442B | 26 | 23 | 24 | 1- 1/4 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 451B | 26 | 23 | 24 | 1- 1/4 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

4-81- 85

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 200B | 26 | 24 | 210 | 145 | 65 | 65 | 692 | 692 | 545 | 70 | 70 | 0 | 0 | 141 | 70 | 70 | 692 | 692 |
| 400B | 26 | 24 | 210 | 145 | 70 | 70 | 692 | 692 | 545 | 75 | 75 | 0 | 0 | 141 | 75 | 75 | 692 | 692 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 200B | 26 | 24 | 26 | 1- 1/4 | 50 | 133 | 133 | 1- 1/8 X16 | 9/16 | 3/8 | 1313 | 5010 | 5610 |
| 400B | 26 | 24 | 26 | 1- 1/4 | 50 | 132 | 132 | 1- 1/8 X16 | 9/16 | 3/8 | 1313 | 5010 | 5610 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 200B | 26 | 24 | 25 | 1- 1/4 | 50 | 133 | 133 | 1- 1/8 X16 | 9/16 | 3/8 | 2310 | 5010 | 5610 |
| 400B | 26 | 24 | 25 | 1- 1/4 | 50 | 133 | 132 | 1- 1/8 X16 | 9/16 | 3/8 | 2310 | 5010 | 5610 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

4-81- 86

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 106B | 27 | 24 | 300 | 147 | 50 | 50 | 682 | 682 | 149 | 50 | 50 | 682 | 683 | 150 | 46 | 46 | 683 | 683 |
| 115B | 27 | 24 | 300 | 155 | 50 | 50 | 683 | 683 | 155 | 50 | 50 | 683 | 683 | 155 | 50 | 50 | 683 | 683 |
| 124B | 27 | 24 | 300 | 155 | 50 | 50 | 683 | 683 | 155 | 50 | 50 | 683 | 683 | 155 | 50 | 50 | 683 | 683 |
| 136B | 27 | 24 | 300 | 156 | 50 | 50 | 683 | 683 | 156 | 50 | 50 | 683 | 683 | 156 | 50 | 50 | 683 | 683 |
| 145B | 27 | 24 | 300 | 155 | 50 | 50 | 683 | 693 | 155 | 50 | 50 | 683 | 693 | 155 | 50 | 50 | 683 | 693 |
| 154B | 27 | 24 | 300 | 150 | 50 | 50 | 683 | 683 | 149 | 50 | 50 | 682 | 683 | 147 | 50 | 50 | 682 | 682 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B | 27 | 24 | 27 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 115B | 27 | 24 | 27 | 1- 1/8 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 124B | 27 | 24 | 27 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 136B | 27 | 24 | 27 | 1- 1/8 | 42 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 145B | 27 | 24 | 27 | 1- 1/8 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 154B | 27 | 24 | 27 | 1- 1/8 | 36 | 125 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B | 27 | 24 | 26 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 115B | 27 | 24 | 26 | 1- 1/4 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 124B | 27 | 24 | 26 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 136B | 27 | 24 | 26 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 145B | 27 | 24 | 26 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 154B | 27 | 24 | 26 | 1- 1/4 | 36 | 125 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5110 | 1311 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B | 27 | 24 | 25 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 2310 | 5110 | 2410 |
| 115B | 27 | 24 | 25 | 1- 1/4 | 36 | 125 | 124 | 13/16X16 | 1/2 | 0 | 5110 | 2410 | 5110 |
| 124B | 27 | 24 | 25 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 2410 | 5110 | 2410 |
| 136B | 27 | 24 | 25 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 2410 | 5110 | 2410 |
| 145B | 27 | 24 | 25 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 5110 | 2410 | 5110 |
| 154B | 27 | 24 | 25 | 1- 1/4 | 36 | 125 | 125 | 3/4 X16 | 7/16 | 0 | 2410 | 5110 | 2310 |

4-81- 87

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 206B | 27 | 24 | 300 | 134 | 65 | 65 | 682 | 682 | 135 | 65 | 65 | 682 | 682 | 135 | 65 | 65 | 682 | 682 |
| 215B | 27 | 24 | 300 | 139 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 | 142 | 55 | 55 | 492 | 492 |
| 224B | 27 | 24 | 300 | 141 | 50 | 50 | 492 | 492 | 141 | 50 | 50 | 492 | 492 | 141 | 50 | 50 | 492 | 492 |
| 236B | 27 | 24 | 300 | 141 | 50 | 50 | 442 | 442 | 141 | 50 | 50 | 442 | 442 | 141 | 55 | 55 | 492 | 492 |
| 245B | 27 | 24 | 300 | 142 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 | 139 | 60 | 60 | 492 | 492 |
| 254B | 27 | 24 | 300 | 135 | 70 | 70 | 492 | 492 | 135 | 70 | 70 | 492 | 492 | 134 | 70 | 70 | 682 | 682 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 206B | 27 | 24 | 27 | 1- 1/8 | 45 | 124 | 124 | 3/4 X16 | 3/8 | 0 | 5110 | 1212 | 5110 |
| 215B | 27 | 24 | 27 | 1- 1/8 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 224B | 27 | 24 | 27 | 1- 1/8 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 236B | 27 | 24 | 27 | 1- 1/8 | 36 | 122 | 123 | 3/8 X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 245B | 27 | 24 | 27 | 1- 1/8 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 5310 | 1212 |
| 254B | 27 | 24 | 27 | 1- 1/8 | 46 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 206B | 27 | 24 | 26 | 1- 1/4 | 45 | 124 | 124 | 3/4 X16 | 3/8 | 0 | 5110 | 1212 | 5110 |
| 215B | 27 | 24 | 26 | 1- 1/4 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 224B | 27 | 24 | 26 | 1- 1/4 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 236B | 27 | 24 | 26 | 1- 1/4 | 36 | 122 | 123 | 3/8 X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 245B | 27 | 24 | 26 | 1- 1/4 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 5310 | 1212 |
| 254B | 27 | 24 | 26 | 1- 1/4 | 46 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 REGISTERED TO PRACTICE IN THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 206B | 27 | 24 | 25 | 1- 1/4 | 45 | 124 | 124 | 3/4 X16 | 3/8 | 0 | 5110 | 2210 | 5110 |
| 215B | 27 | 24 | 25 | 1- 1/4 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 2210 | 5510 | 5110 |
| 224B | 27 | 24 | 25 | 1- 1/4 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 2110 | 5110 | 2110 |
| 236B | 27 | 24 | 25 | 1- 1/4 | 36 | 122 | 123 | 3/8 X16 | 3/8 | 0 | 2110 | 5110 | 2110 |
| 245B | 27 | 24 | 25 | 1- 1/4 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 5310 | 2210 |
| 254B | 27 | 24 | 25 | 1- 1/4 | 46 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 2210 | 5110 |

4-81- 88

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

EVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 306B | 27 | 24 | 300 | 147 | 55 | 55 | 682 | 682 | 149 | 50 | 50 | 682 | 683 | 150 | 50 | 50 | 683 | 683 |
| 315B | 27 | 24 | 300 | 155 | 46 | 46 | 683 | 683 | 155 | 45 | 45 | 683 | 683 | 155 | 45 | 45 | 683 | 683 |
| 324B | 27 | 24 | 300 | 155 | 45 | 45 | 683 | 683 | 155 | 45 | 45 | 683 | 683 | 155 | 45 | 45 | 683 | 683 |
| 336B | 27 | 24 | 300 | 156 | 42 | 42 | 683 | 683 | 156 | 42 | 42 | 683 | 683 | 156 | 42 | 42 | 683 | 683 |
| 345B | 27 | 24 | 300 | 155 | 46 | 46 | 683 | 683 | 155 | 50 | 50 | 683 | 683 | 155 | 50 | 50 | 683 | 683 |
| 354B | 27 | 24 | 300 | 150 | 55 | 55 | 683 | 683 | 149 | 55 | 55 | 682 | 683 | 147 | 55 | 55 | 682 | 682 |

X

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 306B | 27 | 24 | 27 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 315B | 27 | 24 | 27 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 324B | 27 | 24 | 27 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 336B | 27 | 24 | 27 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 345B | 27 | 24 | 27 | 1- 1/8 | 36 | 124 | 125 | 13/16X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 354B | 27 | 24 | 27 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 306B | 27 | 24 | 26 | 1- 1/4 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 315B | 27 | 24 | 26 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 324B | 27 | 24 | 26 | 1- 1/4 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 336B | 27 | 24 | 26 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 345B | 27 | 24 | 26 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 354B | 27 | 24 | 26 | 1- 1/4 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5110 | 1311 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 306B | 27 | 24 | 25 | 1- 1/4 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 2310 | 5110 | 2410 |
| 315B | 27 | 24 | 25 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5110 | 2410 | 5110 |
| 324B | 27 | 24 | 25 | 1- 1/4 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 2410 | 5110 | 2410 |
| 336B | 27 | 24 | 25 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 2410 | 5110 | 2410 |
| 345B | 27 | 24 | 25 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 5110 | 2410 | 5110 |
| 354B | 27 | 24 | 25 | 1- 1/4 | 42 | 125 | 124 | 3/4 X16 | 7/16 | 0 | 2410 | 5110 | 2310 |

4-81- 89

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 406B | 27 | 24 | 300 | 134 | 70 | 70 | 682 | 682 | 135 | 70 | 70 | 682 | 682 | 135 | 70 | 70 | 682 | 682 |
| 415B | 27 | 24 | 300 | 139 | 60 | 60 | 492 | 492 | 141 | 60 | 60 | 492 | 492 | 142 | 55 | 55 | 492 | 492 |
| 424B | 27 | 24 | 300 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 |
| 436B | 27 | 24 | 300 | 141 | 50 | 50 | 492 | 492 | 141 | 50 | 50 | 492 | 492 | 141 | 46 | 46 | 492 | 492 |
| 445B | 27 | 24 | 300 | 142 | 45 | 45 | 492 | 492 | 141 | 46 | 46 | 492 | 492 | 139 | 50 | 50 | 492 | 492 |
| 454B | 27 | 24 | 300 | 135 | 60 | 60 | 682 | 682 | 135 | 60 | 60 | 682 | 682 | 134 | 60 | 60 | 682 | 682 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 406B | 27 | 24 | 27 | 1- 1/8 | 50 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |
| 415B | 27 | 24 | 27 | 1- 1/8 | 42 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 424B | 27 | 24 | 27 | 1- 1/8 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 436B | 27 | 24 | 27 | 1- 1/8 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 445B | 27 | 24 | 27 | 1- 1/8 | 36 | 123 | 124 | 5/8' X16 | 3/8 | 0 | 5110 | 5310 | 1212 |
| 454B | 27 | 24 | 27 | 1- 1/8 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 406B | 27 | 24 | 26 | 1- 1/4 | 50 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |
| 415B | 27 | 24 | 26 | 1- 1/4 | 42 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 424B | 27 | 24 | 26 | 1- 1/4 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 436B | 27 | 24 | 26 | 1- 1/4 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 1111 | 5110 | 1111 |
| 445B | 27 | 24 | 26 | 1- 1/4 | 36 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 5310 | 1212 |
| 454B | 27 | 24 | 26 | 1- 1/4 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 406B | 27 | 24 | 25 | 1- 1/4 | 50 | 124 | 124 | 3/4 X16 | 3/8 | 0 | 5110 | 2210 | 5110 |
| 415B | 27 | 24 | 25 | 1- 1/4 | 42 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 2210 | 5510 | 5110 |
| 424B | 27 | 24 | 25 | 1- 1/4 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 2110 | 5110 | 2110 |
| 436B | 27 | 24 | 25 | 1- 1/4 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 2110 | 5110 | 2110 |
| 445B | 27 | 24 | 25 | 1- 1/4 | 36 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 5310 | 2210 |
| 454B | 27 | 24 | 25 | 1- 1/4 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 2210 | 5110 |

4-B1- 90

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 100B 27 25 | 210 | 141 | 65 | 65 | 692 | 692 | 544 | 65 | 65 | 0 | 0 | 144 | 60 | 60 | 692 | 692 |
| 300B 27 25 | 210 | 141 | 75 | 75 | 692 | 692 | 544 | 75 | 75 | 0 | 0 | 144 | 70 | 70 | 692 | 692 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 100B 27 25 | 27 | 1- 1/8 | 50 | 132 | 132 | 1- 1/16X16 | 9/16 | 3/8 | 5410 | 5010 | 1313 |
| 300B 27 25 | 27 | 1- 1/8 | 50 | 132 | 132 | 1 X16 | 1/2 | 3/8 | 5410 | 5010 | 1313 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 100B 27 25 | 26 | 1- 1/4 | 50 | 132 | 132 | 1- 1/16X16 | 9/16 | 3/8 | 5410 | 5010 | 1313 |
| 300B 27 25 | 26 | 1- 1/4 | 50 | 132 | 132 | 1 X16 | 1/2 | 3/8 | 5410 | 5010 | 1313 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 103B | 28 | 25 | 300 | 139 | 60 | 60 | 692 | 692 | 142 | 55 | 55 | 682 | 682 | 144 | 50 | 50 | 682 | 682 |
| 112B | 28 | 25 | 300 | 154 | 46 | 46 | 683 | 683 | 154 | 46 | 46 | 683 | 683 | 154 | 46 | 46 | 683 | 683 |
| 121B | 28 | 25 | 300 | 154 | 50 | 50 | 683 | 683 | 154 | 50 | 50 | 683 | 683 | 154 | 50 | 50 | 683 | 683 |
| 130B | 28 | 25 | 300 | 155 | 50 | 50 | 683 | 683 | 156 | 50 | 50 | 683 | 683 | 156 | 50 | 50 | 683 | 683 |
| 139B | 28 | 25 | 300 | 156 | 50 | 50 | 683 | 683 | 156 | 50 | 50 | 683 | 683 | 156 | 50 | 50 | 683 | 683 |
| 148B | 28 | 25 | 300 | 154 | 50 | 50 | 683 | 683 | 154 | 50 | 50 | 683 | 683 | 154 | 50 | 50 | 683 | 683 |
| 157B | 28 | 25 | 300 | 144 | 55 | 55 | 682 | 682 | 142 | 55 | 55 | 682 | 682 | 139 | 65 | 65 | 692 | 692 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 103B | 28 | 25 | 28 | 1- 1/8 | 50 | 132 | 124 | 7/8 X16 | 7/16 | 0 | 5110 | 1311 | 5210 |
| 112B | 28 | 25 | 28 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| 121B | 28 | 25 | 28 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 130B | 28 | 25 | 28 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 139B | 28 | 25 | 28 | 1- 1/8 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 148B | 28 | 25 | 28 | 1- 1/8 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5210 | 1511 |
| 157B | 28 | 25 | 28 | 1- 1/8 | 50 | 124 | 132 | 15/16X16 | 1/2 | 5/16 | 5210 | 1311 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 103B | 28 | 25 | 27 | 1- 1/8 | 46 | 132 | 124 | 7/8 X16 | 7/16 | 0 | 5110 | 1311 | 5210 |
| 112B | 28 | 25 | 27 | 1- 1/8 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| 121B | 28 | 25 | 27 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 130B | 28 | 25 | 27 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 139B | 28 | 25 | 27 | 1- 1/8 | 42 | 124 | 125 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 148B | 28 | 25 | 27 | 1- 1/8 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5210 | 1511 |
| 157B | 28 | 25 | 27 | 1- 1/8 | 50 | 124 | 133 | 15/16X16 | 1/2 | 5/16 | 5210 | 1311 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 103B | 28 | 25 | 26 | 1- 1/4 | 46 | 132 | 124 | 7/8 X16 | 7/16 | 0 | 5110 | 1311 | 5210 |
| 112B | 28 | 25 | 26 | 1- 1/4 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| 121B | 28 | 25 | 26 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 130B | 28 | 25 | 26 | 1- 1/4 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 139B | 28 | 25 | 26 | 1- 1/4 | 36 | 124 | 125 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 148B | 28 | 25 | 26 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5210 | 1511 |
| 157B | 28 | 25 | 26 | 1- 1/4 | 50 | 124 | 133 | 15/16X16 | 1/2 | 5/16 | 5210 | 1311 | 5110 |

4-81- 92

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 203B 28 25 | 300 | 133 | 75 | 75 | 691 | 692 | 134 | 65 | 65 | 682 | 682 | 134 | 65 | 65 | 682 | 682 |
| 212B 28 25 | 300 | 135 | 60 | 60 | 682 | 682 | 136 | 60 | 60 | 492 | 682 | 137 | 60 | 60 | 492 | 682 |
| 221B 28 25 | 300 | 143 | 50 | 50 | 492 | 492 | 142 | 50 | 50 | 492 | 492 | 141 | 50 | 50 | 492 | 492 |
| 230B 28 25 | 300 | 141 | 50 | 50 | 442 | 442 | 141 | 50 | 50 | 442 | 442 | 141 | 50 | 50 | 442 | 442 |
| 239B 28 25 | 300 | 141 | 55 | 55 | 492 | 492 | 142 | 55 | 55 | 492 | 492 | 143 | 55 | 55 | 492 | 492 |
| 248B 28 25 | 300 | 137 | 60 | 60 | 492 | 492 | 136 | 65 | 65 | 492 | 492 | 135 | 65 | 65 | 492 | 492 |
| 257B 28 25 | 300 | 134 | 70 | 70 | 682 | 682 | 134 | 70 | 70 | 682 | 682 | 133 | 75 | 75 | 681 | 682 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 203B 28 25 | 28 | 1- 1/8 | 60 | 132 | 124 | 13/16X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 212B 28 25 | 28 | 1- 1/8 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 221B 28 25 | 28 | 1- 1/8 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 230B 28 25 | 28 | 1- 1/8 | 36 | 122 | 122 | 3/8 X13 | 3/8 | 0 | 1111 | 5210 | 1111 |
| 239B 28 25 | 28 | 1- 1/8 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 248B 28 25 | 28 | 1- 1/8 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 257B 28 25 | 28 | 1- 1/8 | 60 | 124 | 132 | 3/4 X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 203B 28 25 | 27 | 1- 1/8 | 60 | 132 | 124 | 7/8 X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 212B 28 25 | 27 | 1- 1/8 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 221B 28 25 | 27 | 1- 1/8 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 230B 28 25 | 27 | 1- 1/8 | 36 | 122 | 122 | 3/8 X14 | 3/8 | 0 | 1111 | 5210 | 1111 |
| 239B 28 25 | 27 | 1- 1/8 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 248B 28 25 | 27 | 1- 1/8 | 45 | 123 | 124 | 9/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 257B 28 25 | 27 | 1- 1/8 | 60 | 124 | 132 | 3/4 X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 203B 28 25 | 26 | 1- 1/4 | 60 | 133 | 124 | 7/8 X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 212B 28 25 | 26 | 1- 1/4 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 221B 28 25 | 26 | 1- 1/4 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 230B 28 25 | 26 | 1- 1/4 | 36 | 122 | 122 | 3/8 X14 | 3/8 | 0 | 1111 | 5210 | 1111 |
| 239B 28 25 | 26 | 1- 1/4 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 248B 28 25 | 26 | 1- 1/4 | 42 | 123 | 124 | 9/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 257B 28 25 | 26 | 1- 1/4 | 60 | 124 | 132 | 3/4 X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — CITY OF THE STATE OF NEW YORK

4-81- 93

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 303B | 28 | 25 | 300 | 139 | 70 | 70 | 682 | 682 | 142 | 60 | 60 | 682 | 682 | 144 | 55 | 55 | 682 | 682 |
| 312B | 28 | 25 | 300 | 154 | 46 | 46 | 683 | 683 | 154 | 46 | 46 | 683 | 683 | 154 | 46 | 46 | 683 | 683 |
| 321B | 28 | 25 | 300 | 154 | 45 | 45 | 683 | 683 | 154 | 45 | 45 | 683 | 683 | 154 | 45 | 45 | 683 | 683 |
| 330B | 28 | 25 | 300 | 155 | 45 | 45 | 493 | 493 | 156 | 45 | 45 | 493 | 493 | 156 | 45 | 45 | 683 | 683 |
| 339B | 28 | 25 | 300 | 156 | 45 | 45 | 683 | 683 | 156 | 45 | 45 | 683 | 683 | 156 | 45 | 45 | 683 | 683 |
| 348B | 28 | 25 | 300 | 154 | 50 | 50 | 683 | 683 | 154 | 50 | 50 | 683 | 683 | 154 | 50 | 50 | 683 | 683 |
| 357B | 28 | 25 | 300 | 144 | 55 | 55 | 682 | 682 | 142 | 60 | 60 | 682 | 682 | 139 | 70 | 70 | 692 | 692 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 303B | 28 | 25 | 28 | 1- 1/8 | 55 | 132 | 124 | 13/16X16 | 7/16 | 0 | 5110 | 1311 | 5210 |
| 312B | 28 | 25 | 28 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| 321B | 28 | 25 | 28 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 330B | 28 | 25 | 28 | 1- 1/8 | 36 | 124 | 124 | 5/8 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 339B | 28 | 25 | 28 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 348B | 28 | 25 | 28 | 1- 1/8 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 1411 | 5210 | 1511 |
| 357B | 28 | 25 | 28 | 1- 1/8 | 55 | 124 | 132 | 7/8 X16 | 7/16 | 0 | 5210 | 1311 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 303B | 28 | 25 | 27 | 1- 1/8 | 55 | 132 | 124 | 13/16X16 | 7/16 | 0 | 5110 | 1311 | 5210 |
| 312B | 28 | 25 | 27 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| 321B | 28 | 25 | 27 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 330B | 28 | 25 | 27 | 1- 1/8 | 36 | 124 | 124 | 5/8 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 339B | 28 | 25 | 27 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 348B | 28 | 25 | 27 | 1- 1/8 | 36 | 125 | 124 | 13/16X16 | 1/2 | 0 | 1411 | 5210 | 1511 |
| 357B | 28 | 25 | 27 | 1- 1/8 | 55 | 124 | 132 | 7/8 X16 | 1/2 | 5/16 | 5210 | 1311 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 303B | 28 | 25 | 26 | 1- 1/4 | 55 | 132 | 124 | 7/8 X16 | 7/16 | 0 | 5110 | 1311 | 5210 |
| 312B | 28 | 25 | 26 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| 321B | 28 | 25 | 26 | 1- 1/4 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 330B | 28 | 25 | 26 | 1- 1/4 | 36 | 124 | 124 | 5/8 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 339B | 28 | 25 | 26 | 1- 1/4 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 348B | 28 | 25 | 26 | 1- 1/4 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5210 | 1511 |
| 357B | 28 | 25 | 26 | 1- 1/4 | 55 | 124 | 132 | 15/16X16 | 1/2 | 5/16 | 5210 | 1311 | 5110 |

4-61- 94

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B | 28 | 25 | 300 | 133 | 80 | 80 | 691 | 692 | 134 | 70 | 70 | 682 | 682 | 134 | 70 | 70 | 682 | 682 |
| 412B | 28 | 25 | 300 | 135 | 65 | 65 | 492 | 682 | 136 | 65 | 65 | 492 | 492 | 137 | 65 | 65 | 492 | 492 |
| 421B | 28 | 25 | 300 | 143 | 55 | 55 | 492 | 492 | 142 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 |
| 430B | 28 | 25 | 300 | 141 | 55 | 55 | 442 | 442 | 141 | 55 | 55 | 442 | 442 | 141 | 50 | 50 | 442 | 442 |
| 439B | 28 | 25 | 300 | 141 | 46 | 46 | 492 | 492 | 142 | 46 | 46 | 492 | 492 | 143 | 45 | 45 | 492 | 492 |
| 448B | 28 | 25 | 300 | 137 | 50 | 50 | 492 | 492 | 136 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 492 |
| 457B | 28 | 25 | 300 | 134 | 65 | 65 | 682 | 682 | 134 | 65 | 65 | 682 | 682 | 133 | 70 | 70 | 681 | 692 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B | 28 | 25 | 28 | 1- 1/8 | 60 | 132 | 124 | 13/16X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 412B | 28 | 25 | 28 | 1- 1/8 | 45 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 421B | 28 | 25 | 28 | 1- 1/8 | 42 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 430B | 28 | 25 | 28 | 1- 1/8 | 36 | 122 | 122 | 3/8 X13 | 3/8 | 0 | 1111 | 5210 | 1111 |
| 439B | 28 | 25 | 28 | 1- 1/8 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 448B | 28 | 25 | 28 | 1- 1/8 | 36 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 457B | 28 | 25 | 28 | 1- 1/8 | 55 | 124 | 132 | 13/16X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B | 28 | 25 | 27 | 1- 1/8 | 65 | 132 | 124 | 13/16X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 412B | 28 | 25 | 27 | 1- 1/8 | 45 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 421B | 28 | 25 | 27 | 1- 1/8 | 42 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 430B | 28 | 25 | 27 | 1- 1/8 | 36 | 122 | 122 | 3/8 X13 | 3/8 | 0 | 1111 | 5210 | 1111 |
| 439B | 28 | 25 | 27 | 1- 1/8 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 448B | 28 | 25 | 27 | 1- 1/8 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 457B | 28 | 25 | 27 | 1- 1/8 | 55 | 124 | 132 | 13/16X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B | 28 | 25 | 26 | 1- 1/4 | 65 | 132 | 124 | 13/16X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 412B | 28 | 25 | 26 | 1- 1/4 | 45 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 421B | 28 | 25 | 26 | 1- 1/4 | 42 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 430B | 28 | 25 | 26 | 1- 1/4 | 36 | 122 | 122 | 3/8 X13 | 3/8 | 0 | 1111 | 5210 | 1111 |
| 439B | 28 | 25 | 26 | 1- 1/4 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 448B | 28 | 25 | 26 | 1- 1/4 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 457B | 28 | 25 | 26 | 1- 1/4 | 55 | 124 | 132 | 13/16X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

4-B1- 95

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 200B 28 26 | 210 | 144 | 65 | 65 | 692 | 692 | 544 | 70 | 70 | 0 | 0 | 140 | 70 | 70 | 692 | 692 |
| 400B 28 26 | 210 | 144 | 70 | 70 | 692 | 692 | 544 | 75 | 75 | 0 | 0 | 140 | 75 | 75 | 692 | 692 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 200B 28 26 | 28 | 1- 1/8 | 50 | 132 | 132 | 1- 1/8 X16 | 9/16 | 5/16 | 1313 | 5010 | 5610 |
| 400B 28 26 | 28 | 1- 1/8 | 50 | 132 | 132 | 1- 1/16X16 | 9/16 | 5/16 | 1313 | 5010 | 5610 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 200B 28 26 | 27 | 1- 1/8 | 50 | 133 | 132 | 1- 1/8 X16 | 9/16 | 5/16 | 1313 | 5010 | 5610 |
| 400B 28 26 | 27 | 1- 1/8 | 55 | 132 | 132 | 1- 1/16X16 | 9/16 | 5/16 | 1313 | 5010 | 5610 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

4-B1- 96

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 1098 29 26 | 300 | 150 | 50 | 50 | 683 | 683 | 152 | 46 | 46 | 683 | 683 | 153 | 45 | 45 | 683 | 683 |
| 1188 29 26 | 300 | 153 | 50 | 50 | 683 | 683 | 153 | 50 | 50 | 683 | 683 | 153 | 50 | 50 | 683 | 683 |
| 1278 29 26 | 300 | 153 | 50 | 50 | 683 | 683 | 153 | 50 | 50 | 683 | 683 | 154 | 50 | 50 | 683 | 683 |
| 1338 29 26 | 300 | 156 | 50 | 50 | 683 | 683 | 156 | 50 | 50 | 683 | 683 | 156 | 50 | 50 | 683 | 683 |
| 1428 29 26 | 300 | 155 | 50 | 50 | 683 | 683 | 154 | 50 | 50 | 683 | 683 | 153 | 50 | 50 | 683 | 683 |
| 1518 29 26 | 300 | 153 | 50 | 50 | 683 | 683 | 152 | 50 | 50 | 683 | 683 | 150 | 50 | 50 | 683 | 683 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 1098 29 26 | 29 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 1188 29 26 | 29 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 1278 29 26 | 29 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5110 | 1411 | 5210 |
| 1338 29 26 | 29 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 1428 29 26 | 29 | 1- 1/8 | 36 | 124 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 1518 29 26 | 29 | 1- 1/8 | 36 | 125 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 1098 29 26 | 28 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 1188 29 26 | 28 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 1278 29 26 | 28 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5110 | 1411 | 5210 |
| 1338 29 26 | 28 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 1428 29 26 | 28 | 1- 1/8 | 36 | 124 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 1518 29 26 | 28 | 1- 1/8 | 36 | 125 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 REGISTERED OF THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 1098 29 26 | 27 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 1188 29 26 | 27 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 1278 29 26 | 27 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5110 | 1411 | 5210 |
| 1338 29 26 | 27 | 1- 1/8 | 42 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 1428 29 26 | 27 | 1- 1/8 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 1518 29 26 | 27 | 1- 1/8 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |

4-81-97

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 209B | 29 | 26 | 300 | 134 | 65 | 65 | 682 | 682 | 135 | 65 | 65 | 682 | 682 | 135 | 65 | 65 | 682 | 682 |
| 218B | 29 | 26 | 300 | 143 | 50 | 50 | 492 | 492 | 143 | 50 | 50 | 492 | 492 | 143 | 50 | 50 | 492 | 492 |
| 227B | 29 | 26 | 300 | 141 | 50 | 50 | 442 | 492 | 141 | 50 | 50 | 442 | 442 | 141 | 50 | 50 | 442 | 442 |
| 233B | 29 | 26 | 300 | 141 | 50 | 50 | 442 | 442 | 141 | 50 | 50 | 442 | 442 | 141 | 55 | 55 | 442 | 442 |
| 242B | 29 | 26 | 300 | 143 | 55 | 55 | 492 | 492 | 143 | 55 | 55 | 492 | 492 | 143 | 55 | 55 | 492 | 492 |
| 251B | 29 | 26 | 300 | 135 | 65 | 65 | 492 | 492 | 135 | 65 | 65 | 492 | 492 | 134 | 65 | 65 | 492 | 492 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 209B | 29 | 26 | 29 | 1- 1/8 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 218B | 29 | 26 | 29 | 1- 1/8 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 227B | 29 | 26 | 29 | 1- 1/8 | 36 | 123 | 122 | 3/8 X15 | 3/8 | 0 | 5110 | 1111 | 5210 |
| 233B | 29 | 26 | 29 | 1- 1/8 | 36 | 122 | 122 | 3/8 X13 | 3/8 | 0 | 5210 | 1111 | 5110 |
| 242B | 29 | 26 | 29 | 1- 1/8 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 251B | 29 | 26 | 29 | 1- 1/8 | 45 | 123 | 124 | 9/16X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 209B | 29 | 26 | 28 | 1- 1/8 | 45 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 218B | 29 | 26 | 28 | 1- 1/8 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 227B | 29 | 26 | 28 | 1- 1/8 | 36 | 123 | 122 | 3/8 X15 | 3/8 | 0 | 5110 | 1111 | 5210 |
| 233B | 29 | 26 | 28 | 1- 1/8 | 36 | 122 | 122 | 3/8 X14 | 3/8 | 0 | 5210 | 1111 | 5110 |
| 242B | 29 | 26 | 28 | 1- 1/8 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 251B | 29 | 26 | 28 | 1- 1/8 | 45 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 209B | 29 | 26 | 27 | 1- 1/8 | 45 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 218B | 29 | 26 | 27 | 1- 1/8 | 36 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 227B | 29 | 26 | 27 | 1- 1/8 | 36 | 123 | 122 | 3/8 X16 | 3/8 | 0 | 5110 | 1111 | 5210 |
| 233B | 29 | 26 | 27 | 1- 1/8 | 36 | 122 | 122 | 3/8 X14 | 3/8 | 0 | 5210 | 1111 | 5110 |
| 242B | 29 | 26 | 27 | 1- 1/8 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 251B | 29 | 26 | 27 | 1- 1/8 | 45 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

4-81- 98

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 309B | 29 | 26 | 300 | 150 | 50 | 50 | 683 | 683 | 152 | 50 | 50 | 683 | 683 | 153 | 50 | 50 | 683 | 683 |
| 318B | 29 | 26 | 300 | 153 | 45 | 45 | 683 | 683 | 153 | 45 | 45 | 683 | 683 | 153 | 45 | 45 | 683 | 683 |
| 327B | 29 | 26 | 300 | 153 | 45 | 45 | 683 | 683 | 153 | 45 | 45 | 493 | 493 | 154 | 45 | 45 | 493 | 493 |
| 333B | 29 | 26 | 300 | 156 | 45 | 45 | 683 | 683 | 156 | 45 | 45 | 683 | 683 | 156 | 45 | 45 | 683 | 683 |
| 342B | 29 | 26 | 300 | 155 | 45 | 45 | 683 | 683 | 154 | 46 | 46 | 683 | 683 | 153 | 46 | 46 | 683 | 683 |
| 351B | 29 | 26 | 300 | 153 | 50 | 50 | 683 | 683 | 152 | 50 | 50 | 683 | 683 | 150 | 50 | 50 | 683 | 683 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 309B | 29 | 26 | 29 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 318B | 29 | 26 | 29 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 327B | 29 | 26 | 29 | 1- 1/8 | 36 | 124 | 124 | 5/8 X16 | 1/2 | 0 | 5110 | 1411 | 5210 |
| 333B | 29 | 26 | 29 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 342B | 29 | 26 | 29 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 351B | 29 | 26 | 29 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 309B | 29 | 26 | 28 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 318B | 29 | 26 | 28 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 327B | 29 | 26 | 28 | 1- 1/8 | 36 | 124 | 124 | 5/8 X16 | 1/2 | 0 | 5110 | 1411 | 5210 |
| 333B | 29 | 26 | 28 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 342B | 29 | 26 | 28 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 351B | 29 | 26 | 28 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 309B | 29 | 26 | 27 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 318B | 29 | 26 | 27 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 327B | 29 | 26 | 27 | 1- 1/8 | 36 | 124 | 124 | 5/8 X16 | 1/2 | 0 | 5110 | 1411 | 5210 |
| 333B | 29 | 26 | 27 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 342B | 29 | 26 | 27 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 351B | 29 | 26 | 27 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |

4-B1- 99

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 409B | 29 | 26 | 300 | 134 | 70 | 70 | 682 | 682 | 135 | 70 | 70 | 682 | 682 | 135 | 70 | 70 | 682 | 682 |
| 418B | 29 | 26 | 300 | 143 | 55 | 55 | 492 | 492 | 143 | 55 | 55 | 492 | 492 | 143 | 55 | 55 | 492 | 492 |
| 427B | 29 | 26 | 300 | 141 | 55 | 55 | 442 | 492 | 141 | 55 | 55 | 442 | 442 | 141 | 55 | 55 | 442 | 442 |
| 433B | 29 | 26 | 300 | 141 | 50 | 50 | 442 | 442 | 141 | 50 | 50 | 442 | 442 | 141 | 50 | 50 | 442 | 442 |
| 442B | 29 | 26 | 300 | 143 | 45 | 45 | 492 | 492 | 143 | 45 | 45 | 492 | 492 | 143 | 45 | 45 | 492 | 492 |
| 451B | 29 | 26 | 300 | 135 | 60 | 60 | 492 | 492 | 135 | 60 | 60 | 492 | 492 | 134 | 60 | 60 | 492 | 682 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 409B | 29 | 26 | 29 | 1- 1/8 | 46 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 418B | 29 | 26 | 29 | 1- 1/8 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 427B | 29 | 26 | 29 | 1- 1/8 | 36 | 123 | 122 | 3/8 X15 | 3/8 | 0 | 5110 | 1111 | 5210 |
| 433B | 29 | 26 | 29 | 1- 1/8 | 36 | 122 | 123 | 3/8 X15 | 3/8 | 0 | 5210 | 1111 | 5110 |
| 442B | 29 | 26 | 29 | 1- 1/8 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 451B | 29 | 26 | 29 | 1- 1/8 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 409B | 29 | 26 | 28 | 1- 1/8 | 46 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 418B | 29 | 26 | 28 | 1- 1/8 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 427B | 29 | 26 | 28 | 1- 1/8 | 36 | 123 | 122 | 3/8 X15 | 3/8 | 0 | 5110 | 1111 | 5210 |
| 433B | 29 | 26 | 28 | 1- 1/8 | 36 | 122 | 123 | 3/8 X15 | 3/8 | 0 | 5210 | 1111 | 5110 |
| 442B | 29 | 26 | 28 | 1- 1/8 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 451B | 29 | 26 | 28 | 1- 1/8 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 409B | 29 | 26 | 27 | 1- 1/8 | 50 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 418B | 29 | 26 | 27 | 1- 1/8 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 427B | 29 | 26 | 27 | 1- 1/8 | 36 | 123 | 122 | 3/8 X15 | 3/8 | 0 | 5110 | 1111 | 5210 |
| 433B | 29 | 26 | 27 | 1- 1/8 | 36 | 122 | 123 | 3/8 X15 | 3/8 | 0 | 5210 | 1111 | 5110 |
| 442B | 29 | 26 | 27 | 1- 1/8 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 451B | 29 | 26 | 27 | 1- 1/8 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100B 29 27 | 210 | 140 | 65 | 65 | 692 | 692 | 544 | 65 | 65 | 0 | 0 | 144 | 60 | 60 | 692 | 692 |
| 300B 29 27 | 210 | 140 | 75 | 75 | 692 | 692 | 544 | 75 | 75 | 0 | 0 | 144 | 65 | 65 | 692 | 692 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 100B 29 27 | 29 | 1- 1/8 | 50 | 132 | 132 | 1- 1/16X16 | 1/2 | 5/16 | 5410 | 5010 | 1313 |
| 300B 29 27 | 29 | 1- 1/8 | 50 | 132 | 132 | 1 X16 | 1/2 | 5/16 | 5410 | 5010 | 1313 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 100B 29 27 | 28 | 1- 1/8 | 50 | 132 | 132 | 1- 1/16X16 | 1/2 | 5/16 | 5410 | 5010 | 1313 |
| 300B 29 27 | 28 | 1- 1/8 | 50 | 132 | 132 | 1 X16 | 1/2 | 5/16 | 5410 | 5010 | 1313 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34960
UNIVERSITY OF THE STATE OF NEW YORK

4-81-101

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 106B | 30 | 27 | 300 | 147 | 50 | 50 | 682 | 682 | 147 | 50 | 50 | 682 | 682 | 149 | 50 | 50 | 682 | 683 |
| 115B | 30 | 27 | 300 | 153 | 50 | 50 | 683 | 683 | 153 | 50 | 50 | 683 | 683 | 153 | 50 | 50 | 683 | 683 |
| 124B | 30 | 27 | 300 | 153 | 50 | 50 | 683 | 683 | 153 | 50 | 50 | 683 | 683 | 153 | 50 | 50 | 683 | 683 |
| 136B | 30 | 27 | 300 | 155 | 50 | 50 | 683 | 683 | 155 | 50 | 50 | 683 | 683 | 155 | 50 | 50 | 683 | 683 |
| 145B | 30 | 27 | 300 | 153 | 50 | 50 | 683 | 683 | 153 | 50 | 50 | 683 | 683 | 153 | 50 | 50 | 683 | 683 |
| 154B | 30 | 27 | 300 | 149 | 50 | 50 | 682 | 683 | 147 | 50 | 50 | 682 | 682 | 147 | 50 | 50 | 682 | 682 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B | 30 | 27 | 30 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 115B | 30 | 27 | 30 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 124B | 30 | 27 | 30 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 136B | 30 | 27 | 30 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 145B | 30 | 27 | 30 | 1- 1/8 | 36 | 124 | 125 | 13/16X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 154B | 30 | 27 | 30 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B | 30 | 27 | 29 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 115B | 30 | 27 | 29 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 124B | 30 | 27 | 29 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 136B | 30 | 27 | 29 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 145B | 30 | 27 | 29 | 1- 1/8 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 154B | 30 | 27 | 29 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5110 | 1311 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B | 30 | 27 | 28 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 115B | 30 | 27 | 28 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 124B | 30 | 27 | 28 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 136B | 30 | 27 | 28 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 145B | 30 | 27 | 28 | 1- 1/8 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 154B | 30 | 27 | 28 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5110 | 1311 |

4-81-102

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 206B | 30 | 27 | 300 | 133 | 65 | 65 | 681 | 682 | 134 | 65 | 65 | 682 | 682 | 134 | 65 | 65 | 682 | 682 |
| 215B | 30 | 27 | 300 | 138 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 |
| 224B | 30 | 27 | 300 | 140 | 50 | 50 | 492 | 492 | 140 | 50 | 50 | 492 | 492 | 140 | 50 | 50 | 492 | 492 |
| 236B | 30 | 27 | 300 | 140 | 55 | 55 | 442 | 442 | 140 | 55 | 55 | 442 | 442 | 140 | 55 | 55 | 442 | 492 |
| 245B | 30 | 27 | 300 | 141 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 492 | 492 | 138 | 60 | 60 | 492 | 492 |
| 254B | 30 | 27 | 300 | 134 | 70 | 70 | 492 | 492 | 134 | 70 | 70 | 492 | 492 | 133 | 70 | 70 | 491 | 682 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 206B | 30 | 27 | 30 | 1- 1/8 | 45 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |
| 215B | 30 | 27 | 30 | 1- 1/8 | 42 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 224B | 30 | 27 | 30 | 1- 1/8 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 236B | 30 | 27 | 30 | 1- 1/8 | 36 | 122 | 123 | 3/8 X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 245B | 30 | 27 | 30 | 1- 1/8 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 254B | 30 | 27 | 30 | 1- 1/8 | 46 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4' | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 206B | 30 | 27 | 29 | 1- 1/8 | 45 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |
| 215B | 30 | 27 | 29 | 1- 1/8 | 42 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 224B | 30 | 27 | 29 | 1- 1/8 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 236B | 30 | 27 | 29 | 1- 1/8 | 36 | 122 | 123 | 3/8 X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 245B | 30 | 27 | 29 | 1- 1/8 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 254B | 30 | 27 | 29 | 1- 1/8 | 46 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 206B | 30 | 27 | 28 | 1- 1/8 | 45 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |
| 215B | 30 | 27 | 28 | 1- 1/8 | 42 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 224B | 30 | 27 | 28 | 1- 1/8 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 236B | 30 | 27 | 28 | 1- 1/8 | 36 | 122 | 123 | 3/8 X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 245B | 30 | 27 | 28 | 1- 1/8 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 254B | 30 | 27 | 28 | 1- 1/8 | 46 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

4-81-103

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 306B | 30 | 27 | 300 | 147 | 55 | 55 | 682 | 682 | 147 | 55 | 55 | 682 | 682 | 149 | 50 | 50 | 682 | 683 |
| 315B | 30 | 27 | 300 | 153 | 46 | 46 | 683 | 683 | 153 | 46 | 46 | 683 | 683 | 153 | 45 | 45 | 683 | 683 |
| 324B | 30 | 27 | 300 | 153 | 45 | 45 | 683 | 683 | 153 | 45 | 45 | 683 | 683 | 153 | 45 | 45 | 683 | 683 |
| 336B | 30 | 27 | 300 | 155 | 45 | 45 | 683 | 683 | 155 | 45 | 45 | 683 | 683 | 155 | 45 | 45 | 683 | 683 |
| 345B | 30 | 27 | 300 | 153 | 50 | 50 | 683 | 683 | 153 | 50 | 50 | 683 | 683 | 153 | 50 | 50 | 683 | 683 |
| 354B | 30 | 27 | 300 | 149 | 55 | 55 | 682 | 683 | 147 | 55 | 55 | 682 | 682 | 147 | 55 | 55 | 682 | 682 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 306B | 30 | 27 | 30 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 315B | 30 | 27 | 30 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 324B | 30 | 27 | 30 | 1- 1/8 | 36 | 124 | 124 | 5/8 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 336B | 30 | 27 | 30 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 345B | 30 | 27 | 30 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 354B | 30 | 27 | 30 | 1- 1/8 | 42 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 306B | 30 | 27 | 29 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 315B | 30 | 27 | 29 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 324B | 30 | 27 | 29 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 336B | 30 | 27 | 29 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 345B | 30 | 27 | 29 | 1- 1/8 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 354B | 30 | 27 | 29 | 1- 1/8 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5110 | 1311 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 REGISTERED OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 306B | 30 | 27 | 28 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 315B | 30 | 27 | 28 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 324B | 30 | 27 | 28 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 336B | 30 | 27 | 28 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 345B | 30 | 27 | 28 | 1- 1/8 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 354B | 30 | 27 | 28 | 1- 1/8 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5110 | 1311 |

4-81-104

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 406B | 30 | 27 | 300 | 133 | 70 | 70 | 681 | 682 | 134 | 70 | 70 | 682 | 682 | 134 | 70 | 70 | 682 | 682 |
| 415B | 30 | 27 | 300 | 138 | 60 | 60 | 492 | 492 | 140 | 60 | 60 | 492 | 492 | 141 | 55 | 55 | 492 | 492 |
| 424B | 30 | 27 | 300 | 140 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 442 | 492 | 140 | 55 | 55 | 442 | 492 |
| 436B | 30 | 27 | 300 | 140 | 50 | 50 | 442 | 492 | 140 | 50 | 50 | 442 | 492 | 140 | 50 | 50 | 492 | 492 |
| 445B | 30 | 27 | 300 | 141 | 45 | 45 | 492 | 492 | 140 | 46 | 46 | 492 | 492 | 138 | 50 | 50 | 492 | 492 |
| 454B | 30 | 27 | 300 | 134 | 60 | 60 | 492 | 682 | 134 | 60 | 60 | 492 | 682 | 133 | 60 | 60 | 681 | 682 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 406B | 30 | 27 | 30 | 1- 1/8 | 50 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |
| 415B | 30 | 27 | 30 | 1- 1/8 | 42 | 124 | 123 | 9/16X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 424B | 30 | 27 | 30 | 1- 1/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 436B | 30 | 27 | 30 | 1- 1/8 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 445B | 30 | 27 | 30 | 1- 1/8 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 5310 | 1212 |
| 454B | 30 | 27 | 30 | 1- 1/8 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 406B | 30 | 27 | 29 | 1- 1/8 | 50 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |
| 415B | 30 | 27 | 29 | 1- 1/8 | 42 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 424B | 30 | 27 | 29 | 1- 1/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 436B | 30 | 27 | 29 | 1- 1/8 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 445B | 30 | 27 | 29 | 1- 1/8 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 5310 | 1212 |
| 454B | 30 | 27 | 29 | 1- 1/8 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 406B | 30 | 27 | 28 | 1- 1/8 | 50 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |
| 415B | 30 | 27 | 28 | 1- 1/8 | 42 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 424B | 30 | 27 | 28 | 1- 1/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 436B | 30 | 27 | 28 | 1- 1/8 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 445B | 30 | 27 | 28 | 1- 1/8 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 5310 | 1212 |
| 454B | 30 | 27 | 28 | 1- 1/8 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

4-B1-105

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 200B 30 28 | 210 | 144 | 65 | 65 | 692 | 692 | 544 | 70 | 70 | 0 | 0 | 139 | 70 | 70 | 692 | 692 |
| 400B 30 28 | 210 | 144 | 70 | 70 | 692 | 692 | 544 | 75 | 75 | 0 | 0 | 139 | 75 | 75 | 692 | 692 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPL FY4 | SPL SCL | SPL SCR | WELDMENTS NO 5 | WLD NO 6 | WLD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 200B 30 28 | 30 | 1- 1/8 | 50 | 132 | 132 | 1- 1/16X16 | 1/2 | 5/16 | 1313 | 5010 | 5610 |
| 400B 30 28 | 30 | 1- 1/8 | 55 | 132 | 132 | 1- 1/16X16 | 1/2 | 5/16 | 1313 | 5010 | 5610 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPL FY4 | SPL SCL | SPL SCR | WELDMENTS NO 5 | WLD NO 6 | WLD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 200B 30 28 | 29 | 1- 1/8 | 50 | 132 | 132 | 1- 1/16X16 | 9/16 | 5/16 | 1313 | 5010 | 5610 |
| 400B 30 28 | 29 | 1- 1/8 | 55 | 132 | 132 | 1- 1/16X16 | 1/2 | 5/16 | 1313 | 5010 | 5610 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

4-B1-106

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 103B 31 28 | 300 | 138 | 60 | 60 | 682 | 692 | 141 | 55 | 55 | 682 | 682 | 144 | 50 | 50 | 682 | 682 |
| 112B 31 28 | 300 | 153 | 46 | 46 | 683 | 683 | 153 | 46 | 46 | 683 | 683 | 153 | 50 | 50 | 683 | 683 |
| 121B 31 28 | 300 | 153 | 50 | 50 | 683 | 683 | 153 | 50 | 50 | 683 | 683 | 153 | 50 | 50 | 683 | 683 |
| 130B 31 28 | 300 | 153 | 50 | 50 | 493 | 683 | 154 | 50 | 50 | 493 | 683 | 154 | 50 | 50 | 683 | 683 |
| 139B 31 28 | 300 | 154 | 50 | 50 | 683 | 683 | 154 | 50 | 50 | 683 | 683 | 154 | 50 | 50 | 683 | 683 |
| 148B 31 28 | 300 | 153 | 50 | 50 | 683 | 683 | 153 | 50 | 50 | 683 | 683 | 153 | 50 | 50 | 683 | 683 |
| 157B 31 28 | 300 | 144 | 55 | 55 | 682 | 682 | 141 | 55 | 55 | 682 | 682 | 138 | 65 | 65 | 692 | 692 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 103B 31 28 | 31 | 1- 1/8 | 46 | 132 | 124 | 13/16X16 | 7/16 | 0 | 5110 | 1311 | 5210 |
| 112B 31 28 | 31 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| 121B 31 28 | 31 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 130B 31 28 | 31 | 1- 1/8 | 36 | 124 | 124 | 5/8 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 139B 31 28 | 31 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 148B 31 28 | 31 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5210 | 1511 |
| 157B 31 28 | 31 | 1- 1/8 | 50 | 124 | 132 | 7/8 X16 | 7/16 | 0 | 5210 | 1311 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 103B 31 28 | 30 | 1- 1/8 | 46 | 132 | 124 | 7/8 X16 | 7/16 | 0 | 5110 | 1311 | 5210 |
| 112B 31 28 | 30 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| 121B 31 28 | 30 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 130B 31 28 | 30 | 1- 1/8 | 36 | 124 | 124 | 5/8 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 139B 31 28 | 30 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 148B 31 28 | 30 | 1- 1/8 | 36 | 125 | 124 | 13/16X16 | 1/2 | 0 | 1411 | 5210 | 1511 |
| 157B 31 28 | 30 | 1- 1/8 | 50 | 124 | 132 | 7/8 X16 | 7/16 | 0 | 5210 | 1311 | 5110 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 103B 31 28 | 29 | 1- 1/8 | 46 | 132 | 124 | 7/8 X16 | 7/16 | 0 | 5110 | 1311 | 5210 |
| 112B 31 28 | 29 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| 121B 31 28 | 29 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 1308 31 28 | 29 | 1- 1/8 | 36 | 124 | 124 | 5/8 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 139B 31 28 | 29 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 148B 31 28 | 29 | 1- 1/8 | 36 | 125 | 125 | 13/16X16 | 1/2 | 0 | 1411 | 5210 | 1511 |
| 157B 31 28 | 29 | 1- 1/8 | 50 | 124 | 132 | 7/8 X16 | 7/16 | 0 | 5210 | 1311 | 5110 |

4-81-107

**WORTHINGTON, SKILLING, HELLE & JACKSON** — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 203B | 31 | 28 | 300 | 132 | 75 | 75 | 681 | 691 | 133 | 70 | 70 | 681 | 682 | 133 | 70 | 70 | 681 | 682 |
| 212B | 31 | 28 | 300 | 134 | 65 | 65 | 492 | 682 | 135 | 60 | 60 | 492 | 492 | 136 | 60 | 60 | 492 | 492 |
| 221B | 31 | 28 | 300 | 142 | 50 | 50 | 492 | 492 | 141 | 50 | 50 | 492 | 492 | 141 | 50 | 50 | 492 | 492 |
| 230B | 31 | 28 | 300 | 140 | 50 | 50 | 442 | 442 | 140 | 50 | 50 | 442 | 442 | 140 | 50 | 50 | 442 | 442 |
| 239B | 31 | 28 | 300 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 | 142 | 55 | 55 | 492 | 492 |
| 248B | 31 | 28 | 300 | 136 | 65 | 65 | 492 | 492 | 135 | 65 | 65 | 492 | 492 | 134 | 65 | 65 | 492 | 492 |
| 257B | 31 | 28 | 300 | 133 | 70 | 70 | 491 | 682 | 133 | 70 | 70 | 491 | 682 | 132 | 80 | 80 | 681 | 681 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 203B | 31 | 28 | 31 | 1- 1/8 | 60 | 132 | 124 | 13/16X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 212B | 31 | 28 | 31 | 1- 1/8 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 221B | 31 | 28 | 31 | 1- 1/8 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 230B | 31 | 28 | 31 | 1- 1/8 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 239B | 31 | 28 | 31 | 1- 1/8 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 248B | 31 | 28 | 31 | 1- 1/8 | 45 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 257B | 31 | 28 | 31 | 1- 1/8 | 60 | 124 | 132 | 3/4 X16 | 3/8 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 203B | 31 | 28 | 30 | 1- 1/8 | 60 | 132 | 124 | 13/16X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 212B | 31 | 28 | 30 | 1- 1/8 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 221B | 31 | 28 | 30 | 1- 1/8 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 230B | 31 | 28 | 30 | 1- 1/8 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 239B | 31 | 28 | 30 | 1- 1/8 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 248B | 31 | 28 | 30 | 1- 1/8 | 45 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 257B | 31 | 28 | 30 | 1- 1/8 | 60 | 124 | 132 | 3/4 X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 203B | 31 | 28 | 29 | 1- 1/8 | 60 | 132 | 124 | 13/16X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 212B | 31 | 28 | 29 | 1- 1/8 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 221B | 31 | 28 | 29 | 1- 1/8 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 230B | 31 | 28 | 29 | 1- 1/8 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 239B | 31 | 28 | 29 | 1- 1/8 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 248B | 31 | 28 | 29 | 1- 1/8 | 45 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 257B | 31 | 28 | 29 | 1- 1/8 | 60 | 124 | 132 | 3/4 X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

4-81-108

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 303B | 31 | 28 | 300 | 138 | 65 | 65 | 682 | 682 | 141 | 60 | 60 | 682 | 682 | 144 | 55 | 55 | 682 | 682 |
| 312B | 31 | 28 | 300 | 153 | 50 | 50 | 683 | 683 | 153 | 50 | 50 | 683 | 683 | 153 | 46 | 46 | 683 | 683 |
| 321B | 31 | 28 | 300 | 153 | 45 | 45 | 683 | 683 | 153 | 45 | 45 | 683 | 683 | 153 | 45 | 45 | 683 | 683 |
| 330B | 31 | 28 | 300 | 153 | 45 | 45 | 493 | 493 | 154 | 45 | 45 | 493 | 493 | 154 | 45 | 45 | 493 | 683 |
| 339B | 31 | 28 | 300 | 154 | 45 | 45 | 683 | 683 | 154 | 45 | 45 | 683 | 683 | 154 | 45 | 45 | 683 | 683 |
| 348B | 31 | 28 | 300 | 153 | 50 | 50 | 683 | 683 | 153 | 50 | 50 | 683 | 683 | 153 | 50 | 50 | 683 | 683 |
| 357B | 31 | 28 | 300 | 144 | 60 | 60 | 682 | 682 | 141 | 60 | 60 | 682 | 682 | 138 | 70 | 70 | 692 | 692 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 303B | 31 | 28 | 31 | 1- 1/8 | 50 | 132 | 124 | 13/16X16 | 7/16 | 0 | 5110 | 1311 | 5210 |
| 312B | 31 | 28 | 31 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| 321B | 31 | 28 | 31 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 330B | 31 | 28 | 31 | 1- 1/8 | 36 | 124 | 124 | 5/8 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 339B | 31 | 28 | 31 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 348B | 31 | 28 | 31 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5210 | 1511 |
| 357B | 31 | 28 | 31 | 1- 1/8 | 55 | 124 | 132 | 7/8 X16 | 7/16 | 0 | 5210 | 1311 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 303B | 31 | 28 | 30 | 1- 1/8 | 55 | 132 | 124 | 13/16X16 | 7/16 | 0 | 5110 | 1311 | 5210 |
| 312B | 31 | 28 | 30 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| 321B | 31 | 28 | 30 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 330B | 31 | 28 | 30 | 1- 1/8 | 36 | 124 | 124 | 5/8 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 339B | 31 | 28 | 30 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 348B | 31 | 28 | 30 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5210 | 1511 |
| 357B | 31 | 28 | 30 | 1- 1/8 | 55 | 124 | 132 | 7/8 X16 | 7/16 | 0 | 5210 | 1311 | 5110 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 303B | 31 | 28 | 29 | 1- 1/8 | 55 | 132 | 124 | 13/16X16 | 7/16 | 0 | 5110 | 1311 | 5210 |
| 312B | 31 | 28 | 29 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1511 | 5210 | 1411 |
| 321B | 31 | 28 | 29 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 330B | 31 | 28 | 29 | 1- 1/8 | 36 | 124 | 124 | 5/8 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 339B | 31 | 28 | 29 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 348B | 31 | 28 | 29 | 1- 1/8 | 36 | 124 | 124 | 13/16X16 | 1/2 | 0 | 1411 | 5210 | 1511 |
| 357B | 31 | 28 | 29 | 1- 1/8 | 55 | 124 | 132 | 7/8 X16 | 7/16 | 0 | 5210 | 1311 | 5110 |

4-B1-109

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B | 31 | 28 | 300 | 132 | 60 | 80 | 681 | 691 | 133 | 75 | 75 | 681 | 682 | 133 | 75 | 75 | 681 | 682 |
| 412B | 31 | 28 | 300 | 134 | 70 | 70 | 492 | 492 | 135 | 65 | 65 | 492 | 492 | 136 | 65 | 65 | 492 | 492 |
| 421B | 31 | 28 | 300 | 142 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 |
| 430B | 31 | 28 | 300 | 140 | 55 | 55 | 442 | 442 | 140 | 55 | 55 | 442 | 442 | 140 | 55 | 55 | 442 | 442 |
| 439B | 31 | 28 | 300 | 141 | 46 | 46 | 492 | 492 | 141 | 45 | 45 | 492 | 492 | 142 | 45 | 45 | 492 | 492 |
| 448B | 31 | 28 | 300 | 136 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 492 | 134 | 55 | 55 | 492 | 492 |
| 457B | 31 | 28 | 300 | 133 | 65 | 65 | 681 | 682 | 133 | 65 | 65 | 681 | 682 | 132 | 70 | 70 | 681 | 681 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B | 31 | 28 | 31 | 1- 1/8 | 65 | 132 | 124 | 13/16X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 412B | 31 | 28 | 31 | 1- 1/8 | 45 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 421B | 31 | 28 | 31 | 1- 1/8 | 42 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 430B | 31 | 28 | 31 | 1- 1/8 | 36 | 122 | 122 | 5/16X14 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 439B | 31 | 28 | 31 | 1- 1/8 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 448B | 31 | 28 | 31 | 1- 1/8 | 42 | 123 | 124 | 9/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 457B | 31 | 28 | 31 | 1- 1/8 | 55 | 124 | 132 | 3/4 X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B | 31 | 28 | 30 | 1- 1/8 | 65 | 132 | 124 | 13/16X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 412B | 31 | 28 | 30 | 1- 1/8 | 46 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 421B | 31 | 28 | 30 | 1- 1/8 | 42 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 430B | 31 | 28 | 30 | 1- 1/8 | 36 | 122 | 122 | 5/16X14 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 439B | 31 | 28 | 30 | 1- 1/8 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 448B | 31 | 28 | 30 | 1- 1/8 | 42 | 123 | 124 | 9/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 457B | 31 | 28 | 30 | 1- 1/8 | 55 | 124 | 132 | 3/4 X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B | 31 | 28 | 29 | 1- 1/8 | 65 | 132 | 124 | 13/16X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 412B | 31 | 28 | 29 | 1- 1/8 | 46 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 421B | 31 | 28 | 29 | 1- 1/8 | 42 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 430B | 31 | 28 | 29 | 1- 1/8 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 439B | 31 | 28 | 29 | 1- 1/8 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1111 | 5210 |
| 448B | 31 | 28 | 29 | 1- 1/8 | 42 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 457B | 31 | 28 | 29 | 1- 1/8 | 55 | 124 | 132 | 3/4 X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

4-81-110

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 100B | 31 | 29 | 210 | 139 | 65 | 65 | 692 | 692 | 543 | 65 | 65 | 0 | 0 | 143 | 60 | 60 | 692 | 692 |
| 300B | 31 | 29 | 210 | 139 | 75 | 75 | 692 | 692 | 543 | 75 | 75 | 0 | 0 | 143 | 70 | 70 | 692 | 692 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 100B | 31 | 29 | 31 | 1- 1/8 | 50 | 132 | 132 | 1 | X16 | 1/2 | 5/16 | 5410 | 5010 | 1313 |
| 300B | 31 | 29 | 31 | 1- 1/8 | 50 | 132 | 132 | 1 | X16 | 1/2 | 5/16 | 5410 | 5010 | 1313 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 100B | 31 | 29 | 30 | 1- 1/8 | 50 | 132 | 132 | 1 | X16 | 1/2 | 5/16 | 5410 | 5010 | 1313 |
| 300B | 31 | 29 | 30 | 1- 1/8 | 50 | 132 | 132 | 1 | X16 | 1/2 | 5/16 | 5410 | 5010 | 1313 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

4-81-111

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 109B | 32 | 29 | 300 | 150 | 50 | 50 | 682 | 683 | 150 | 46 | 46 | 683 | 683 | 152 | 46 | 46 | 683 | 683 |
| 118B | 32 | 29 | 300 | 152 | 50 | 50 | 683 | 683 | 152 | 50 | 50 | 683 | 683 | 152 | 50 | 50 | 683 | 683 |
| 127B | 32 | 29 | 300 | 152 | 50 | 50 | 683 | 683 | 152 | 50 | 50 | 493 | 683 | 153 | 50 | 50 | 493 | 683 |
| 133B | 32 | 29 | 300 | 154 | 50 | 50 | 683 | 683 | 154 | 50 | 50 | 683 | 683 | 154 | 50 | 50 | 683 | 683 |
| 142B | 32 | 29 | 300 | 153 | 50 | 50 | 683 | 683 | 153 | 50 | 50 | 683 | 683 | 152 | 50 | 50 | 683 | 683 |
| 151B | 32 | 29 | 300 | 152 | 50 | 50 | 683 | 683 | 150 | 50 | 50 | 683 | 683 | 150 | 50 | 50 | 682 | 683 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 109B | 32 | 29 | 32 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 118B | 32 | 29 | 32 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 127B | 32 | 29 | 32 | 1- 1/8 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5110 | 1411 | 5210 |
| 133B | 32 | 29 | 32 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 142B | 32 | 29 | 32 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 151B | 32 | 29 | 32 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 109B | 32 | 29 | 31 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 118B | 32 | 29 | 31 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 127B | 32 | 29 | 31 | 1- 1/8 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5110 | 1411 | 5210 |
| 133B | 32 | 29 | 31 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 142B | 32 | 29 | 31 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 151B | 32 | 29 | 31 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 109B | 32 | 29 | 30 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 118B | 32 | 29 | 30 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 127B | 32 | 29 | 30 | 1- 1/8 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5110 | 1411 | 5210 |
| 133B | 32 | 29 | 30 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 142B | 32 | 29 | 30 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5210 | 1411 |
| 151B | 32 | 29 | 30 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |

4-81-112

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 209B | 32 | 29 | 300 | 133 | 65 | 65 | 681 | 682 | 134 | 65 | 65 | 492 | 682 | 134 | 65 | 65 | 492 | 682 |
| 218B | 32 | 29 | 300 | 141 | 50 | 50 | 492 | 492 | 141 | 50 | 50 | 492 | 492 | 141 | 50 | 50 | 492 | 492 |
| 227B | 32 | 29 | 300 | 139 | 50 | 50 | 442 | 442 | 139 | 50 | 50 | 442 | 442 | 139 | 50 | 50 | 442 | 442 |
| 233B | 32 | 29 | 300 | 139 | 50 | 50 | 442 | 442 | 139 | 55 | 55 | 442 | 442 | 139 | 55 | 55 | 442 | 442 |
| 242B | 32 | 29 | 300 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 |
| 251B | 32 | 29 | 300 | 134 | 65 | 65 | 492 | 492 | 134 | 65 | 65 | 492 | 492 | 133 | 70 | 70 | 491 | 492 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 209B | 32 | 29 | 32 | 1- 1/8 | 45 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 218B | 32 | 29 | 32 | 1- 1/8 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 227B | 32 | 29 | 32 | 1- 1/8 | 36 | 123 | 122 | 3/8 X16 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 233B | 32 | 29 | 32 | 1- 1/8 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 242B | 32 | 29 | 32 | 1- 1/8 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 251B | 32 | 29 | 32 | 1- 1/8 | 45 | 123 | 124 | 9/16X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 209B | 32 | 29 | 31 | 1- 1/8 | 45 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 218B | 32 | 29 | 31 | 1- 1/8 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 227B | 32 | 29 | 31 | 1- 1/8 | 36 | 123 | 122 | 3/8 X16 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 233B | 32 | 29 | 31 | 1- 1/8 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 242B | 32 | 29 | 31 | 1- 1/8 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 251B | 32 | 29 | 31 | 1- 1/8 | 46 | 123 | 124 | 9/16X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 209B | 32 | 29 | 30 | 1- 1/8 | 45 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 218B | 32 | 29 | 30 | 1- 1/8 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 227B | 32 | 29 | 30 | 1- 1/8 | 36 | 123 | 122 | 3/8 X16 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 233B | 32 | 29 | 30 | 1- 1/8 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 242B | 32 | 29 | 30 | 1- 1/8 | 42 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 251B | 32 | 29 | 30 | 1- 1/8 | 46 | 123 | 124 | 9/16X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

4-81-113

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 309B | 32 | 29 | 300 | 150 | 50 | 50 | 682 | 683 | 150 | 50 | 50 | 683 | 683 | 152 | 50 | 50 | 683 | 683 |
| 318B | 32 | 29 | 300 | 152 | 45 | 45 | 683 | 683 | 152 | 45 | 45 | 683 | 683 | 152 | 45 | 45 | 683 | 683 |
| 327B | 32 | 29 | 300 | 152 | 45 | 45 | 493 | 683 | 152 | 45 | 45 | 493 | 493 | 153 | 45 | 45 | 493 | 493 |
| 333B | 32 | 29 | 300 | 154 | 45 | 45 | 683 | 683 | 154 | 45 | 45 | 683 | 683 | 154 | 45 | 45 | 683 | 683 |
| 342B | 32 | 29 | 300 | 153 | 45 | 45 | 683 | 683 | 153 | 46 | 46 | 683 | 683 | 152 | 50 | 50 | 683 | 683 |
| 351B | 32 | 29 | 300 | 152 | 50 | 50 | 683 | 683 | 150 | 50 | 50 | 683 | 683 | 150 | 55 | 55 | 682 | 683 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 309B | 32 | 29 | 32 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 318B | 32 | 29 | 32 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 327B | 32 | 29 | 32 | 1- 1/8 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1411 | 5210 |
| 333B | 32 | 29 | 32 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 342B | 32 | 29 | 32 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 351B | 32 | 29 | 32 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 309B | 32 | 29 | 31 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 318B | 32 | 29 | 31 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 327B | 32 | 29 | 31 | 1- 1/8 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5110 | 1411 | 5210 |
| 333B | 32 | 29 | 31 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 342B | 32 | 29 | 31 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 351B | 32 | 29 | 31 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 309B | 32 | 29 | 30 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 318B | 32 | 29 | 30 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 327B | 32 | 29 | 30 | 1- 1/8 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5110 | 1411 | 5210 |
| 333B | 32 | 29 | 30 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 342B | 32 | 29 | 30 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 351B | 32 | 29 | 30 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 4098 | 32 | 29 | 300 | 133 | 70 | 70 | 491 | 682 | 134 | 70 | 70 | 492 | 682 | 134 | 70 | 70 | 492 | 682 |
| 4188 | 32 | 29 | 300 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 |
| 4278 | 32 | 29 | 300 | 139 | 55 | 55 | 442 | 442 | 139 | 55 | 55 | 442 | 442 | 139 | 55 | 55 | 442 | 442 |
| 4338 | 32 | 29 | 300 | 139 | 50 | 50 | 442 | 442 | 139 | 50 | 50 | 442 | 442 | 139 | 50 | 50 | 442 | 442 |
| 4428 | 32 | 29 | 300 | 141 | 45 | 45 | 492 | 492 | 141 | 45 | 45 | 492 | 492 | 141 | 45 | 45 | 492 | 492 |
| 4518 | 32 | 29 | 300 | 134 | 60 | 60 | 492 | 492 | 134 | 60 | 60 | 492 | 492 | 133 | 60 | 60 | 491 | 492 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 4098 | 32 | 29 | 32 | 1- 1/8 | 50 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 4188 | 32 | 29 | 32 | 1- 1/8 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 4278 | 32 | 29 | 32 | 1- 1/8 | 36 | 123 | 122 | 5/16X16 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 4338 | 32 | 29 | 32 | 1- 1/8 | 36 | 122 | 123 | 5/16X16 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 4428 | 32 | 29 | 32 | 1- 1/8 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 4518 | 32 | 29 | 32 | 1- 1/8 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 4098 | 32 | 29 | 31 | 1- 1/8 | 50 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 4188 | 32 | 29 | 31 | 1- 1/8 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 4278 | 32 | 29 | 31 | 1- 1/8 | 36 | 123 | 122 | 3/8 X16 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 4338 | 32 | 29 | 31 | 1- 1/8 | 36 | 122 | 123 | 5/16X16 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 4428 | 32 | 29 | 31 | 1- 1/8 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 4518 | 32 | 29 | 31 | 1- 1/8 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 4098 | 32 | 29 | 30 | 1- 1/8 | 50 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 4188 | 32 | 29 | 30 | 1- 1/8 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 4278 | 32 | 29 | 30 | 1- 1/8 | 42 | 123 | 122 | 3/8 X16 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 4338 | 32 | 29 | 30 | 1- 1/8 | 36 | 122 | 123 | 5/16X16 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 4428 | 32 | 29 | 30 | 1- 1/8 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 4518 | 32 | 29 | 30 | 1- 1/8 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

4-R1-115

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 200B 32 30 | 210 | 143 | 65 | 65 | 692 | 692 | 543 | 70 | 70 | 0 | 0 | 138 | 70 | 70 | 692 | 692 |
| 400B 32 30 | 210 | 143 | 70 | 70 | 692 | 692 | 543 | 75 | 75 | 0 | 0 | 138 | 75 | 75 | 692 | 692 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPAN PL FY4 | SPAN PL SCL | SPAN PL SCR | WELDMENTS NO 5 | WELD NO 6 | WELD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 200B 32 30 | 32 | 1- 1/8 | 50 | 132 | 132 | 1- 1/16X16 | 1/2 | 5/16 | 1313 | 5010 | 5610 |
| 400B 32 30 | 32 | 1- 1/8 | 55 | 132 | 132 | 1 X16 | 1/2 | 5/16 | 1313 | 5010 | 5610 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPAN PL FY4 | SPAN PL SCL | SPAN PL SCR | WELDMENTS NO 5 | WELD NO 6 | WELD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 200B 32 30 | 31 | 1- 1/8 | 50 | 132 | 132 | 1- 1/16X16 | 1/2 | 5/16 | 1313 | 5010 | 5610 |
| 400B 32 30 | 31 | 1- 1/8 | 55 | 132 | 132 | 1 X16 | 1/2 | 5/16 | 1313 | 5010 | 5610 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34960 CITY OF THE STATE OF NEW YORK

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 106B | 33 | 30 | 300 | 145 | 50 | 50 | 682 | 682 | 147 | 50 | 50 | 682 | 682 | 148 | 50 | 50 | 682 | 682 |
| 115B | 33 | 30 | 300 | 152 | 50 | 50 | 683 | 683 | 152 | 50 | 50 | 683 | 683 | 152 | 50 | 50 | 683 | 683 |
| 124B | 33 | 30 | 300 | 152 | 50 | 50 | 683 | 683 | 152 | 50 | 50 | 683 | 683 | 152 | 50 | 50 | 683 | 683 |
| 136B | 33 | 30 | 300 | 153 | 50 | 50 | 683 | 683 | 153 | 50 | 50 | 683 | 683 | 153 | 50 | 50 | 683 | 683 |
| 145B | 33 | 30 | 300 | 152 | 50 | 50 | 683 | 683 | 152 | 50 | 50 | 683 | 683 | 152 | 50 | 50 | 683 | 683 |
| 154B | 33 | 30 | 300 | 148 | 50 | 50 | 682 | 682 | 147 | 50 | 50 | 682 | 682 | 145 | 55 | 55 | 682 | 682 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B | 33 | 30 | 33 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 115B | 33 | 30 | 33 | 1- 1/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 124B | 33 | 30 | 33 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5110 | 1411 |
| 136B | 33 | 30 | 33 | 1- 1/16 | 42 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 145B | 33 | 30 | 33 | 1- 1/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 154B | 33 | 30 | 33 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B | 33 | 30 | 32 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 115B | 33 | 30 | 32 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 124B | 33 | 30 | 32 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5110 | 1411 |
| 136B | 33 | 30 | 32 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 145B | 33 | 30 | 32 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 154B | 33 | 30 | 32 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5110 | 1311 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
REGISTERED IN THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B | 33 | 30 | 31 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 115B | 33 | 30 | 31 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 124B | 33 | 30 | 31 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5110 | 1411 |
| 136B | 33 | 30 | 31 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 145B | 33 | 30 | 31 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5110 | 1411 | 5110 |
| 154B | 33 | 30 | 31 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5110 | 1311 |

4-81-117

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 206B | 33 | 30 | 300 | 132 | 65 | 65 | 681 | 681 | 133 | 65 | 65 | 681 | 682 | 133 | 65 | 65 | 681 | 682 |
| 215B | 33 | 30 | 300 | 137 | 60 | 60 | 492 | 492 | 139 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 492 | 492 |
| 224B | 33 | 30 | 300 | 139 | 50 | 50 | 492 | 492 | 139 | 50 | 50 | 442 | 492 | 139 | 50 | 50 | 442 | 492 |
| 236B | 33 | 30 | 300 | 139 | 55 | 55 | 442 | 442 | 139 | 55 | 55 | 442 | 442 | 139 | 55 | 55 | 442 | 442 |
| 245B | 33 | 30 | 300 | 140 | 55 | 55 | 492 | 492 | 139 | 60 | 60 | 492 | 492 | 137 | 60 | 60 | 492 | 492 |
| 254B | 33 | 30 | 300 | 133 | 70 | 70 | 491 | 492 | 133 | 70 | 70 | 491 | 492 | 132 | 70 | 70 | 491 | 491 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 206B | 33 | 30 | 33 | 1- 1/16 | 45 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1212 | 5110 |
| 215B | 33 | 30 | 33 | 1- 1/16 | 42 | 124 | 123 | 9/16X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 224B | 33 | 30 | 33 | 1- 1/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 236B | 33 | 30 | 33 | 1- 1/16 | 36 | 122 | 123 | 3/8 X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 245B | 33 | 30 | 33 | 1- 1/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 254B | 33 | 30 | 33 | 1- 1/16 | 50 | 124 | 124 | 9/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 206B | 33 | 30 | 32 | 1- 1/8 | 45 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |
| 215B | 33 | 30 | 32 | 1- 1/8 | 42 | 124 | 123 | 9/16X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 224B | 33 | 30 | 32 | 1- 1/8 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 236B | 33 | 30 | 32 | 1- 1/8 | 36 | 122 | 123 | 3/8 X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 245B | 33 | 30 | 32 | 1- 1/8 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 254B | 33 | 30 | 32 | 1- 1/8 | 50 | 124 | 124 | 9/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 206B | 33 | 30 | 31 | 1- 1/8 | 45 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |
| 215B | 33 | 30 | 31 | 1- 1/8 | 42 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 224B | 33 | 30 | 31 | 1- 1/8 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 236B | 33 | 30 | 31 | 1- 1/8 | 36 | 122 | 123 | 3/8 X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 245B | 33 | 30 | 31 | 1- 1/8 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 254B | 33 | 30 | 31 | 1- 1/8 | 50 | 124 | 124 | 9/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

4-R1-118

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 306B 33 30 | 300 | 145 | 55 | 55 | 682 | 682 | 147 | 55 | 55 | 682 | 682 | 148 | 50 | 50 | 682 | 682 |
| 315B 33 30 | 300 | 152 | 46 | 46 | 683 | 683 | 152 | 46 | 46 | 683 | 683 | 152 | 46 | 46 | 683 | 683 |
| 324B 33 30 | 300 | 152 | 45 | 45 | 683 | 683 | 152 | 45 | 45 | 493 | 683 | 152 | 45 | 45 | 493 | 683 |
| 336B 33 30 | 300 | 153 | 45 | 45 | 683 | 683 | 153 | 45 | 45 | 683 | 683 | 153 | 45 | 45 | 683 | 683 |
| 345B 33 30 | 300 | 152 | 50 | 50 | 683 | 683 | 152 | 50 | 50 | 683 | 683 | 152 | 50 | 50 | 683 | 683 |
| 354B 33 30 | 300 | 148 | 55 | 55 | 682 | 682 | 147 | 55 | 55 | 682 | 682 | 145 | 55 | 55 | 682 | 682 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 306B 33 30 | 33 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 315B 33 30 | 33 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 324B 33 30 | 33 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 1411 | 5110 | 1411 |
| 336B 33 30 | 33 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 345B 33 30 | 33 | 1- 1/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 354B 33 30 | 33 | 1- 1/16 | 42 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 306B 33 30 | 32 | 1- 1/8 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 315B 33 30 | 32 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 324B 33 30 | 32 | 1- 1/8 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 1411 | 5110 | 1411 |
| 336B 33 30 | 32 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 345B 33 30 | 32 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 354B 33 30 | 32 | 1- 1/8 | 42 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5110 | 1311 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 306B 33 30 | 31 | 1- 1/8 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 315B 33 30 | 31 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 324B 33 30 | 31 | 1- 1/8 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 1411 | 5110 | 1411 |
| 336B 33 30 | 31 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 345B 33 30 | 31 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 354B 33 30 | 31 | 1- 1/8 | 42 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5110 | 1311 |

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 406B | 33 | 30 | 300 | 132 | 75 | 75 | 681 | 681 | 133 | 75 | 75 | 491 | 682 | 133 | 70 | 70 | 491 | 682 |
| 415B | 33 | 30 | 300 | 137 | 65 | 65 | 492 | 492 | 139 | 60 | 60 | 492 | 492 | 140 | 60 | 60 | 492 | 492 |
| 424B | 33 | 30 | 300 | 139 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 442 | 442 | 139 | 55 | 55 | 442 | 442 |
| 436B | 33 | 30 | 300 | 139 | 50 | 50 | 442 | 442 | 139 | 50 | 50 | 442 | 442 | 139 | 50 | 50 | 492 | 492 |
| 445B | 33 | 30 | 300 | 140 | 45 | 45 | 492 | 492 | 139 | 50 | 50 | 492 | 492 | 137 | 50 | 50 | 492 | 492 |
| 454B | 33 | 30 | 300 | 133 | 60 | 60 | 491 | 492 | 133 | 65 | 65 | 491 | 492 | 132 | 65 | 65 | 491 | 681 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 406B | 33 | 30 | 33 | 1- 1/16 | 50 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1212 | 5110 |
| 415B | 33 | 30 | 33 | 1- 1/16 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 424B | 33 | 30 | 33 | 1- 1/16 | 42 | 123 | 122 | 3/8 X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 436B | 33 | 30 | 33 | 1- 1/16 | 36 | 122 | 123 | 3/8 X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 445B | 33 | 30 | 33 | 1- 1/16 | 36 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 454B | 33 | 30 | 33 | 1- 1/16 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 406B | 33 | 30 | 32 | 1- 1/8 | 50 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1212 | 5110 |
| 415B | 33 | 30 | 32 | 1- 1/8 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 424B | 33 | 30 | 32 | 1- 1/8 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 436B | 33 | 30 | 32 | 1- 1/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 445B | 33 | 30 | 32 | 1- 1/8 | 36 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 454B | 33 | 30 | 32 | 1- 1/8 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 406B | 33 | 30 | 31 | 1- 1/8 | 50 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1212 | 5110 |
| 415B | 33 | 30 | 31 | 1- 1/8 | 42 | 124 | 123 | 9/16X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 424B | 33 | 30 | 31 | 1- 1/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 436B | 33 | 30 | 31 | 1- 1/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 445B | 33 | 30 | 31 | 1- 1/8 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 5310 | 1212 |
| 454B | 33 | 30 | 31 | 1- 1/8 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

4-B1-120

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 1008 33 31 | 210 | 138 | 65 | 65 | 692 | 692 | 542 | 65 | 65 | 0 | 0 | 142 | 65 | 65 | 692 | 692 |
| 3008 33 31 | 210 | 138 | 75 | 75 | 692 | 692 | 542 | 75 | 75 | 0 | 0 | 142 | 70 | 70 | 692 | 692 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 1008 33 31 | 33 | 1- 1/16 | 50 | 132 | 132 | 1 X16 | 1/2 | 5/16 | 5410 | 5010 | 1313 |
| 3008 33 31 | 33 | 1- 1/16 | 50 | 132 | 132 | 15/16X16 | 1/2 | 5/16 | 5410 | 5010 | 1313 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 1008 33 31 | 32 | 1- 1/8 | 50 | 132 | 132 | 1 X16 | 1/2 | 5/16 | 5410 | 5010 | 1313 |
| 3008 33 31 | 32 | 1- 1/8 | 50 | 132 | 132 | 15/16X16 | 1/2 | 5/16 | 5410 | 5010 | 1313 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
CITY OF THE STATE OF NEW YORK

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 103B 34 31 | 300 | 138 | 65 | 65 | 682 | 682 | 140 | 55 | 55 | 682 | 682 | 142 | 55 | 55 | 682 | 682 |
| 112B 34 31 | 300 | 151 | 50 | 50 | 683 | 683 | 151 | 50 | 50 | 683 | 683 | 151 | 50 | 50 | 683 | 683 |
| 121B 34 31 | 300 | 151 | 50 | 50 | 683 | 683 | 151 | 50 | 50 | 683 | 683 | 151 | 50 | 50 | 683 | 683 |
| 130B 34 31 | 300 | 152 | 50 | 50 | 493 | 493 | 153 | 50 | 50 | 493 | 493 | 153 | 50 | 50 | 493 | 683 |
| 139B 34 31 | 300 | 153 | 50 | 50 | 683 | 683 | 153 | 50 | 50 | 683 | 683 | 153 | 50 | 50 | 683 | 683 |
| 148B 34 31 | 300 | 151 | 50 | 50 | 683 | 683 | 151 | 50 | 50 | 683 | 683 | 151 | 50 | 50 | 683 | 683 |
| 157B 34 31 | 300 | 142 | 55 | 55 | 682 | 682 | 140 | 55 | 55 | 682 | 682 | 138 | 65 | 65 | 682 | 692 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 103B 34 31 | 34 | 1- 1/16 | 50 | 132 | 124 | 13/16X16 | 7/16 | 0 | 5110 | 1311 | 5210 |
| 112B 34 31 | 34 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1511 | 5210 | 1411 |
| 121B 34 31 | 34 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 130B 34 31 | 34 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 139B 34 31 | 34 | 1- 1/16 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 148B 34 31 | 34 | 1- 1/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5210 | 1511 |
| 157B 34 31 | 34 | 1- 1/16 | 50 | 124 | 132 | 7/8 X16 | 7/16 | 0 | 5210 | 1311 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 103B 34 31 | 33 | 1- 1/16 | 50 | 132 | 124 | 13/16X16 | 7/16 | 0 | 5110 | 1311 | 5210 |
| 112B 34 31 | 33 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1511 | 5210 | 1411 |
| 121B 34 31 | 33 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 130B 34 31 | 33 | 1- 1/16 | 42 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 139B 34 31 | 33 | 1- 1/16 | 42 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 148B 34 31 | 33 | 1- 1/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5210 | 1511 |
| 157B 34 31 | 33 | 1- 1/16 | 55 | 124 | 132 | 7/8 X16 | 7/16 | 0 | 5210 | 1311 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 103B 34 31 | 32 | 1- 1/8 | 46 | 132 | 124 | 13/16X16 | 7/16 | 0 | 5110 | 1311 | 5210 |
| 112B 34 31 | 32 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1511 | 5210 | 1411 |
| 121B 34 31 | 32 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 130B 34 31 | 32 | 1- 1/8 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 139B 34 31 | 32 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 148B 34 31 | 32 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5210 | 1511 |
| 157B 34 31 | 32 | 1- 1/8 | 50 | 124 | 132 | 7/8 X16 | 7/16 | 0 | 5210 | 1311 | 5110 |

4-B1-122

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 203B | 34 31 | 300 | 132 | 75 | 75 | 681 | 681 | 132 | 65 | 65 | 681 | 681 | 132 | 65 | 65 | 681 | 681 |
| 212B | 34 31 | 300 | 133 | 65 | 65 | 491 | 492 | 135 | 60 | 60 | 492 | 492 | 135 | 60 | 60 | 492 | 492 |
| 221B | 34 31 | 300 | 141 | 50 | 50 | 492 | 492 | 140 | 50 | 50 | 492 | 492 | 140 | 50 | 50 | 492 | 492 |
| 230B | 34 31 | 300 | 139 | 50 | 50 | 442 | 442 | 139 | 50 | 50 | 442 | 442 | 139 | 50 | 50 | 442 | 442 |
| 239B | 34 31 | 300 | 140 | 55 | 55 | 442 | 492 | 140 | 55 | 55 | 442 | 492 | 141 | 55 | 55 | 492 | 492 |
| 248B | 34 31 | 300 | 135 | 60 | 60 | 492 | 492 | 135 | 65 | 65 | 492 | 492 | 133 | 65 | 65 | 491 | 492 |
| 257B | 34 31 | 300 | 132 | 70 | 70 | 491 | 491 | 132 | 70 | 70 | 491 | 491 | 132 | 75 | 75 | 681 | 681 |

| PANEL NUMBER | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 203B | 34 31 | 34 | 1- 1/16 | 55 | 132 | 124 | 3/4 X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 212B | 34 31 | 34 | 1- 1/16 | 42 | 124 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 221B | 34 31 | 34 | 1- 1/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 230B | 34 31 | 34 | 1- 1/16 | 36 | 122 | 122 | 5/16X14 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 239B | 34 31 | 34 | 1- 1/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 248B | 34 31 | 34 | 1- 1/16 | 45 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 257B | 34 31 | 34 | 1- 1/16 | 60 | 124 | 132 | 11/16X16 | 3/8 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 203B | 34 31 | 33 | 1- 1/16 | 60 | 132 | 124 | 13/16X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 212B | 34 31 | 33 | 1- 1/16 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 221B | 34 31 | 33 | 1- 1/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 230B | 34 31 | 33 | 1- 1/16 | 36 | 122 | 122 | 5/16X14 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 239B | 34 31 | 33 | 1- 1/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 248B | 34 31 | 33 | 1- 1/16 | 45 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 257B | 34 31 | 33 | 1- 1/16 | 60 | 124 | 132 | 11/16X16 | 3/8 | 0 | 5010 | 5210 | 1013 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF THE STATE OF NEW YORK

| PANEL NUMBER | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 203B | 34 31 | 32 | 1- 1/8 | 60 | 132 | 124 | 13/16X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 212B | 34 31 | 32 | 1- 1/8 | 45 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 221B | 34 31 | 32 | 1- 1/8 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 230B | 34 31 | 32 | 1- 1/8 | 36 | 122 | 122 | 5/16X14 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 239B | 34 31 | 32 | 1- 1/8 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 248B | 34 31 | 32 | 1- 1/8 | 45 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 257B | 34 31 | 32 | 1- 1/8 | 60 | 124 | 132 | 3/4 X16 | 3/8 | 0 | 5010 | 5210 | 1013 |

4-B1-123

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 303B 34 31 | 300 | 138 | 70 | 70 | 682 | 682 | 140 | 60 | 60 | 682 | 682 | 142 | 55 | 55 | 682 | 682 |
| 312B 34 31 | 300 | 151 | 50 | 50 | 683 | 683 | 151 | 50 | 50 | 683 | 683 | 151 | 50 | 50 | 683 | 683 |
| 321B 34 31 | 300 | 151 | 45 | 45 | 683 | 683 | 151 | 45 | 45 | 683 | 683 | 151 | 45 | 45 | 683 | 683 |
| 330B 34 31 | 300 | 152 | 45 | 45 | 493 | 493 | 153 | 45 | 45 | 493 | 493 | 153 | 45 | 45 | 493 | 493 |
| 339B 34 31 | 300 | 153 | 45 | 45 | 683 | 683 | 153 | 45 | 45 | 683 | 683 | 153 | 45 | 45 | 683 | 683 |
| 348B 34 31 | 300 | 151 | 50 | 50 | 683 | 683 | 151 | 50 | 50 | 683 | 683 | 151 | 50 | 50 | 683 | 683 |
| 357B 34 31 | 300 | 142 | 60 | 60 | 682 | 682 | 140 | 60 | 60 | 682 | 682 | 138 | 70 | 70 | 682 | 692 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 303B 34 31 | 34 | 1- 1/16 | 55 | 132 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1311 | 5210 |
| 312B 34 31 | 34 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1511 | 5210 | 1411 |
| 321B 34 31 | 34 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 330B 34 31 | 34 | 1- 1/16 | 36 | 124 | 124 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 339B 34 31 | 34 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 348B 34 31 | 34 | 1- 1/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5210 | 1511 |
| 357B 34 31 | 34 | 1- 1/16 | 55 | 124 | 132 | 13/16X16 | 7/16 | 0 | 5210 | 1311 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 303B 34 31 | 33 | 1- 1/16 | 55 | 132 | 124 | 13/16X16 | 7/16 | 0 | 5110 | 1311 | 5210 |
| 312B 34 31 | 33 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1511 | 5210 | 1411 |
| 321B 34 31 | 33 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 330B 34 31 | 33 | 1- 1/16 | 36 | 124 | 124 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 339B 34 31 | 33 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 348B 34 31 | 33 | 1- 1/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5210 | 1511 |
| 357B 34 31 | 33 | 1- 1/16 | 55 | 124 | 132 | 13/16X16 | 7/16 | 0 | 5210 | 1311 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 303B 34 31 | 32 | 1- 1/8 | 50 | 132 | 124 | 13/16X16 | 7/16 | 0 | 5110 | 1311 | 5210 |
| 312B 34 31 | 32 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1511 | 5210 | 1411 |
| 321B 34 31 | 32 | 1- 1/8 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 330B 34 31 | 32 | 1- 1/8 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 339B 34 31 | 32 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 5210 | 1411 | 5210 |
| 348B 34 31 | 32 | 1- 1/8 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5210 | 1511 |
| 357B 34 31 | 32 | 1- 1/8 | 55 | 124 | 132 | 7/8 X16 | 7/16 | 0 | 5210 | 1311 | 5110 |

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 403B | 34 | 31 | 300 | 132 | 80 | 80 | 681 | 681 | 132 | 75 | 75 | 681 | 681 | 132 | 75 | 75 | 681 | 681 |
| 412B | 34 | 31 | 300 | 133 | 70 | 70 | 491 | 492 | 135 | 65 | 65 | 492 | 492 | 135 | 65 | 65 | 492 | 492 |
| 421B | 34 | 31 | 300 | 141 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 492 | 492 |
| 430B | 34 | 31 | 300 | 139 | 55 | 55 | 442 | 442 | 139 | 55 | 55 | 442 | 442 | 139 | 50 | 50 | 442 | 442 |
| 439B | 34 | 31 | 300 | 140 | 46 | 46 | 492 | 492 | 140 | 45 | 45 | 492 | 492 | 141 | 45 | 45 | 492 | 492 |
| 448B | 34 | 31 | 300 | 135 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 492 | 133 | 60 | 60 | 491 | 492 |
| 457B | 34 | 31 | 300 | 132 | 65 | 65 | 491 | 681 | 132 | 65 | 65 | 491 | 681 | 132 | 70 | 70 | 681 | 681 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 403B | 34 | 31 | 34 | 1- 1/16 | 60 | 132 | 124 | 3/4 X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 412B | 34 | 31 | 34 | 1- 1/16 | 46 | 124 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 421B | 34 | 31 | 34 | 1- 1/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 430B | 34 | 31 | 34 | 1- 1/16 | 36 | 122 | 122 | 5/16X14 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 439B | 34 | 31 | 34 | 1- 1/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 448B | 34 | 31 | 34 | 1- 1/16 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 457B | 34 | 31 | 34 | 1- 1/16 | 55 | 124 | 132 | 3/4 X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 403B | 34 | 31 | 33 | 1- 1/16 | 60 | 132 | 124 | 3/4 X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 412B | 34 | 31 | 33 | 1- 1/16 | 46 | 124 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 421B | 34 | 31 | 33 | 1- 1/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 430B | 34 | 31 | 33 | 1- 1/16 | 36 | 122 | 122 | 5/16X14 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 439B | 34 | 31 | 33 | 1- 1/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 448B | 34 | 31 | 33 | 1- 1/16 | 42 | 123 | 124 | 9/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 457B | 34 | 31 | 33 | 1- 1/16 | 55 | 124 | 132 | 3/4 X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — CITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 403B | 34 | 31 | 32 | 1- 1/8 | 65 | 132 | 124 | 3/4 X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 412B | 34 | 31 | 32 | 1- 1/8 | 46 | 124 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 421B | 34 | 31 | 32 | 1- 1/8 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 430B | 34 | 31 | 32 | 1- 1/8 | 36 | 122 | 122 | 5/16X14 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 439B | 34 | 31 | 32 | 1- 1/8 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 448B | 34 | 31 | 32 | 1- 1/8 | 42 | 123 | 124 | 9/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 457B | 34 | 31 | 32 | 1- 1/8 | 55 | 124 | 132 | 3/4 X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

4-R1-125

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 200B | 34 | 32 | 210 | 141 | 70 | 70 | 692 | 692 | 541 | 70 | 70 | 0 | 0 | 138 | 70 | 70 | 692 | 692 |
| 400B | 34 | 32 | 210 | 141 | 75 | 75 | 692 | 692 | 541 | 75 | 75 | 0 | 0 | 138 | 75 | 75 | 692 | 692 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 | |
| 200B | 34 | 32 | 34 | 1- 1/16 | 50 | 132 | 132 | 1 X16 | 1/2 | 5/16 | 1313 | 5010 | 5610 | |
| 400B | 34 | 32 | 34 | 1- 1/16 | 55 | 132 | 132 | 1 X16 | 1/2 | 5/16 | 1313 | 5010 | 5610 | |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 | |
| 200B | 34 | 32 | 33 | 1- 1/16 | 50 | 132 | 132 | 1 X16 | 1/2 | 5/16 | 1313 | 5010 | 5610 | |
| 400B | 34 | 32 | 33 | 1- 1/16 | 55 | 132 | 132 | 1 X16 | 1/2 | 5/16 | 1313 | 5010 | 5610 | |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
THE STATE OF NEW YORK

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 109B | 35 32 | 300 | 148 | 50 | 50 | 682 | 682 | 150 | 50 | 50 | 682 | 683 | 150 | 46 | 46 | 683 | 683 |
| 118B | 35 32 | 300 | 150 | 50 | 50 | 683 | 683 | 150 | 50 | 50 | 683 | 683 | 150 | 50 | 50 | 683 | 683 |
| 127B | 35 32 | 300 | 150 | 50 | 50 | 493 | 683 | 151 | 50 | 50 | 493 | 493 | 151 | 50 | 50 | 493 | 493 |
| 133B | 35 32 | 300 | 153 | 50 | 50 | 683 | 683 | 153 | 50 | 50 | 683 | 683 | 153 | 50 | 50 | 683 | 683 |
| 142B | 35 32 | 300 | 152 | 50 | 50 | 683 | 683 | 151 | 50 | 50 | 683 | 683 | 151 | 50 | 50 | 683 | 683 |
| 151B | 35 32 | 300 | 150 | 50 | 50 | 683 | 683 | 150 | 50 | 50 | 682 | 683 | 148 | 50 | 50 | 682 | 682 |

| PANEL NUMBER | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 109B | 35 32 | 35 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 118B | 35 32 | 35 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 127B | 35 32 | 35 | 1- 1/16 | 36 | 124 | 124 | 9/16X16 | 3/8 | 0 | 5110 | 1411 | 5210 |
| 133B | 35 32 | 35 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 142B | 35 32 | 35 | 1- 1/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 151B | 35 32 | 35 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 109B | 35 32 | 34 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 118B | 35 32 | 34 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 127B | 35 32 | 34 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5110 | 1411 | 5210 |
| 133B | 35 32 | 34 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 142B | 35 32 | 34 | 1- 1/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 151B | 35 32 | 34 | 1- 1/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 109B | 35 32 | 33 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 118B | 35 32 | 33 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 127B | 35 32 | 33 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5110 | 1411 | 5210 |
| 133B | 35 32 | 33 | 1- 1/16 | 42 | 124 | 124 | 11/16X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 142B | 35 32 | 33 | 1- 1/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 151B | 35 32 | 33 | 1- 1/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | FY1 | FY2 | CSU | CSL | COLUMN 2 TYPE | FY1 | FY2 | CSU | CSL | COLUMN 3 TYPE | FY1 | FY2 | CSU | CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 209B 35 32 | 300 | 132 | 65 | 65 | 491 | 681 | 133 | 65 | 65 | 491 | 492 | 133 | 65 | 65 | 491 | 492 |
| 218B 35 32 | 300 | 141 | 55 | 55 | 492 | 492 | 141 | 50 | 50 | 492 | 492 | 141 | 50 | 50 | 492 | 492 |
| 227B 35 32 | 300 | 138 | 50 | 50 | 442 | 442 | 138 | 50 | 50 | 442 | 442 | 138 | 50 | 50 | 442 | 442 |
| 233B 35 32 | 300 | 138 | 50 | 50 | 442 | 442 | 138 | 55 | 55 | 442 | 442 | 138 | 55 | 55 | 442 | 442 |
| 242B 35 32 | 300 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 |
| 251B 35 32 | 300 | 133 | 70 | 70 | 491 | 492 | 133 | 70 | 70 | 491 | 492 | 132 | 70 | 70 | 491 | 491 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 209B 35 32 | 35 | 1- 1/16 | 45 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 218B 35 32 | 35 | 1- 1/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 227B 35 32 | 35 | 1- 1/16 | 36 | 123 | 122 | 5/16X16 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 233B 35 32 | 35 | 1- 1/16 | 36 | 122 | 122 | 5/16X14 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 242B 35 32 | 35 | 1- 1/16 | 42 | 123 | 123 | 7/16X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 251B 35 32 | 35 | 1- 1/16 | 46 | 123 | 123 | 9/16X16 | 5/16 | 0 | 1212 | 5210 | 5010 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 209B 35 32 | 34 | 1- 1/16 | 45 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 218B 35 32 | 34 | 1- 1/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 227B 35 32 | 34 | 1- 1/16 | 36 | 123 | 122 | 5/16X16 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 233B 35 32 | 34 | 1- 1/16 | 36 | 122 | 122 | 5/16X14 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 242B 35 32 | 34 | 1- 1/16 | 42 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 251B 35 32 | 34 | 1- 1/16 | 46 | 123 | 123 | 9/16X16 | 5/16 | 0 | 1212 | 5210 | 5010 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 209B 35 32 | 33 | 1- 1/16 | 45 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 218B 35 32 | 33 | 1- 1/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 227B 35 32 | 33 | 1- 1/16 | 36 | 123 | 122 | 3/8 X16 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 233B 35 32 | 33 | 1- 1/16 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 242B 35 32 | 33 | 1- 1/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 251B 35 32 | 33 | 1- 1/16 | 46 | 123 | 124 | 9/16X16 | 5/16 | 0 | 1212 | 5210 | 5010 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

**WORTHINGTON, SKILLING, HELLE & JACKSON** — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 309B | 35 | 32 | 300 | 148 | 50 | 50 | 682 | 682 | 150 | 50 | 50 | 682 | 683 | 150 | 50 | 50 | 683 | 683 |
| 318B | 35 | 32 | 300 | 150 | 45 | 45 | 683 | 683 | 150 | 45 | 45 | 683 | 683 | 150 | 45 | 45 | 683 | 683 |
| 327B | 35 | 32 | 300 | 150 | 45 | 45 | 493 | 493 | 151 | 45 | 45 | 493 | 493 | 151 | 45 | 45 | 493 | 493 |
| 333B | 35 | 32 | 300 | 153 | 45 | 45 | 493 | 683 | 153 | 45 | 45 | 493 | 683 | 153 | 45 | 45 | 683 | 683 |
| 342B | 35 | 32 | 300 | 152 | 46 | 46 | 683 | 683 | 151 | 50 | 50 | 683 | 683 | 151 | 50 | 50 | 683 | 683 |
| 351B | 35 | 32 | 300 | 150 | 50 | 50 | 683 | 683 | 150 | 55 | 55 | 682 | 683 | 148 | 55 | 55 | 682 | 682 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 309B | 35 | 32 | 35 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 318B | 35 | 32 | 35 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 327B | 35 | 32 | 35 | 1- 1/16 | 36 | 124 | 124 | 9/16X16 | 3/8 | 0 | 5110 | 1411 | 5210 |
| 333B | 35 | 32 | 35 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 342B | 35 | 32 | 35 | 1- 1/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 351B | 35 | 32 | 35 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 309B | 35 | 32 | 34 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 318B | 35 | 32 | 34 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 327B | 35 | 32 | 34 | 1- 1/16 | 36 | 124 | 124 | 9/16X16 | 3/8 | 0 | 5110 | 1411 | 5210 |
| 333B | 35 | 32 | 34 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 342B | 35 | 32 | 34 | 1- 1/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 351B | 35 | 32 | 34 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 309B | 35 | 32 | 33 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 318B | 35 | 32 | 33 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 327B | 35 | 32 | 33 | 1- 1/16 | 36 | 124 | 124 | 9/16X16 | 3/8 | 0 | 5110 | 1411 | 5210 |
| 333B | 35 | 32 | 33 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 1/2 | 0 | 5210 | 1411 | 5110 |
| 342B | 35 | 32 | 33 | 1- 1/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 351B | 35 | 32 | 33 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |

4-81-128

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 4098 35 32 | 300 | 132 | 70 | 70 | 491 | 491 | 133 | 70 | 70 | 491 | 492 | 133 | 70 | 70 | 491 | 492 |
| 4188 35 32 | 300 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 |
| 4278 35 32 | 300 | 138 | 55 | 55 | 442 | 442 | 138 | 55 | 55 | 442 | 442 | 138 | 55 | 55 | 442 | 442 |
| 4338 35 32 | 300 | 138 | 50 | 50 | 442 | 442 | 138 | 50 | 50 | 442 | 442 | 138 | 50 | 50 | 442 | 442 |
| 4428 35 32 | 300 | 141 | 45 | 45 | 492 | 492 | 141 | 45 | 45 | 492 | 492 | 141 | 45 | 45 | 492 | 492 |
| 4518 35 32 | 300 | 133 | 60 | 60 | 491 | 492 | 133 | 60 | 60 | 491 | 492 | 132 | 60 | 60 | 491 | 491 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 4098 35 32 | 35 | 1- 1/16 | 50 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 4188 35 32 | 35 | 1- 1/16 | 42 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 4278 35 32 | 35 | 1- 1/16 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 4338 35 32 | 35 | 1- 1/16 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 4428 35 32 | 35 | 1- 1/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 4518 35 32 | 35 | 1- 1/16 | 42 | 123 | 124 | 9/16X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 4098 35 32 | 34 | 1- 1/16 | 50 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 4188 35 32 | 34 | 1- 1/16 | 42 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 4278 35 32 | 34 | 1- 1/16 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 4338 35 32 | 34 | 1- 1/16 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 4428 35 32 | 34 | 1- 1/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 4518 35 32 | 34 | 1- 1/16 | 42 | 123 | 124 | 9/16X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 4098 35 32 | 33 | 1- 1/16 | 50 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 4188 35 32 | 33 | 1- 1/16 | 42 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1611 | 5210 | 1111 |
| 4278 35 32 | 33 | 1- 1/16 | 42 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 4338 35 32 | 33 | 1- 1/16 | 36 | 122 | 122 | 5/16X16 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 442B 35 32 | 33 | 1- 1/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1111 | 5210 | 1611 |
| 4518 35 32 | 33 | 1- 1/16 | 42 | 124 | 124 | 9/16X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100B 35 33 | 210 | 138 | 70 | 70 | 692 | 692 | 541 | 70 | 70 | 0 | 0 | 141 | 65 | 65 | 692 | 692 |
| 300B 35 33 | 210 | 138 | 75 | 75 | 692 | 692 | 541 | 75 | 75 | 0 | 0 | 141 | 70 | 70 | 692 | 692 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPL FY4 | SPL SCL | SPL SCR | WELDMENTS NO 5 | WLD NO 6 | WLD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 100B 35 33 | 35 | 1- 1/16 | 50 | 132 | 132 | 15/16X16 | 1/2 | 5/16 | 5410 | 5010 | 1313 |
| 300B 35 33 | 35 | 1- 1/16 | 55 | 132 | 132 | 15/16X16 | 1/2 | 5/16 | 5410 | 5010 | 1313 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPL FY4 | SPL SCL | SPL SCR | WELDMENTS NO 5 | WLD NO 6 | WLD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 100B 35 33 | 34 | 1- 1/16 | 50 | 132 | 132 | 1 X16 | 1/2 | 5/16 | 5410 | 5010 | 1313 |
| 300B 35 33 | 34 | 1- 1/16 | 50 | 132 | 132 | 15/16X16 | 1/2 | 5/16 | 5410 | 5010 | 1313 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
STATE OF THE STATE OF NEW YORK

4-81-131

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 106B 36 33 | 300 | 144 | 50 | 50 | 682 | 682 | 145 | 50 | 50 | 682 | 682 | 147 | 50 | 50 | 682 | 682 |
| 115B 36 33 | 300 | 150 | 50 | 50 | 683 | 683 | 150 | 50 | 50 | 683 | 683 | 150 | 50 | 50 | 683 | 683 |
| 124B 36 33 | 300 | 150 | 50 | 50 | 683 | 683 | 150 | 50 | 50 | 683 | 683 | 150 | 50 | 50 | 683 | 683 |
| 136B 36 33 | 300 | 152 | 50 | 50 | 683 | 683 | 152 | 50 | 50 | 683 | 683 | 152 | 50 | 50 | 683 | 683 |
| 145B 36 33 | 300 | 150 | 50 | 50 | 683 | 683 | 150 | 50 | 50 | 683 | 683 | 150 | 50 | 50 | 683 | 683 |
| 154B 36 33 | 300 | 147 | 50 | 50 | 682 | 682 | 145 | 50 | 50 | 682 | 682 | 144 | 50 | 50 | 682 | 682 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B 36 33 | 36 | 1- 1/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 115B 36 33 | 36 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 124B 36 33 | 36 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 1411 | 5110 | 1411 |
| 136B 36 33 | 36 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5110 | 1411 |
| 145B 36 33 | 36 | 1- 1/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 154B 36 33 | 36 | 1- 1/16 | 36 | 124 | 124 | 13/16X16 | 7/16 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B 36 33 | 35 | 1- 1/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 115B 36 33 | 35 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 124B 36 33 | 35 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 1411 | 5110 | 1411 |
| 136B 36 33 | 35 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5110 | 1411 |
| 145B 36 33 | 35 | 1- 1/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 154B 36 33 | 35 | 1- 1/16 | 36 | 124 | 124 | 13/16X16 | 7/16 | 0 | 1411 | 5110 | 1311 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B 36 33 | 34 | 1- 1/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 115B 36 33 | 34 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 124B 36 33 | 34 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 1411 | 5110 | 1411 |
| 136B 36 33 | 34 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5110 | 1411 |
| 145B 36 33 | 34 | 1- 1/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 154B 36 33 | 34 | 1- 1/16 | 36 | 124 | 124 | 13/16X16 | 7/16 | 0 | 1411 | 5110 | 1311 |

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2068 36 33 | 300 | 132 | 65 | 65 | 681 | 681 | 132 | 65 | 65 | 491 | 681 | 132 | 65 | 65 | 491 | 681 |
| 2158 36 33 | 300 | 136 | 60 | 60 | 492 | 492 | 138 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 |
| 2248 36 33 | 300 | 138 | 50 | 50 | 492 | 492 | 138 | 50 | 50 | 442 | 442 | 138 | 50 | 50 | 442 | 442 |
| 2368 36 33 | 300 | 138 | 55 | 55 | 442 | 442 | 138 | 55 | 55 | 442 | 442 | 138 | 55 | 55 | 442 | 442 |
| 2458 36 33 | 300 | 139 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 | 136 | 60 | 60 | 492 | 492 |
| 2548 36 33 | 300 | 132 | 70 | 70 | 491 | 491 | 132 | 70 | 70 | 491 | 491 | 132 | 70 | 70 | 491 | 491 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2068 36 33 | 36 | 1- 1/16 | 45 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1212 | 5110 |
| 2158 36 33 | 36 | 1- 1/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 2248 36 33 | 36 | 1- 1/16 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 2368 36 33 | 36 | 1- 1/16 | 36 | 122 | 123 | 5/16X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 2458 36 33 | 36 | 1- 1/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 2548 36 33 | 36 | 1- 1/16 | 46 | 123 | 124 | 9/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2068 36 33 | 35 | 1- 1/16 | 45 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1212 | 5110 |
| 2158 36 33 | 35 | 1- 1/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 2248 36 33 | 35 | 1- 1/16 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 2368 36 33 | 35 | 1- 1/16 | 36 | 122 | 123 | 5/16X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 2458 36 33 | 35 | 1- 1/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 2548 36 33 | 35 | 1- 1/16 | 46 | 123 | 124 | 9/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2068 36 33 | 34 | 1- 1/16 | 45 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1212 | 5110 |
| 2158 36 33 | 34 | 1- 1/16 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 2248 36 33 | 34 | 1- 1/16 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 2368 36 33 | 34 | 1- 1/16 | 36 | 122 | 123 | 3/8 X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 2458 36 33 | 34 | 1- 1/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 2548 36 33 | 34 | 1- 1/16 | 46 | 123 | 124 | 9/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

4-81-133

**WORTHINGTON, SKILLING, HELLE & JACKSON** — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 306B 36 33 | 300 | 144 | 55 | 55 | 682 | 682 | 145 | 55 | 55 | 682 | 682 | 147 | 50 | 50 | 682 | 682 |
| 315B 36 33 | 300 | 150 | 50 | 50 | 683 | 683 | 150 | 46 | 46 | 683 | 683 | 150 | 46 | 46 | 683 | 683 |
| 324B 36 33 | 300 | 150 | 45 | 45 | 493 | 683 | 150 | 45 | 45 | 493 | 493 | 150 | 45 | 45 | 493 | 493 |
| 336B 36 33 | 300 | 152 | 45 | 45 | 683 | 683 | 152 | 45 | 45 | 683 | 683 | 152 | 45 | 45 | 683 | 683 |
| 345B 36 33 | 300 | 150 | 50 | 50 | 683 | 683 | 150 | 50 | 50 | 683 | 683 | 150 | 50 | 50 | 683 | 683 |
| 354B 36 33 | 300 | 147 | 55 | 55 | 682 | 682 | 145 | 55 | 55 | 682 | 682 | 144 | 55 | 55 | 682 | 682 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPD FY4 | SPD SCL | SPD SCR | WELDMENTS NO 5 | WELD NO 6 | WELD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 306B 36 33 | 36 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1311 | 5110 | 1411 |
| 315B 36 33 | 36 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 324B 36 33 | 36 | 1- 1/16 | 36 | 124 | 124 | 9/16X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 336B 36 33 | 36 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5110 | 1411 |
| 345B 36 33 | 36 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 354B 36 33 | 36 | 1- 1/16 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPD FY4 | SPD SCL | SPD SCR | WELDMENTS NO 5 | WELD NO 6 | WELD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 306B 36 33 | 35 | 1- 1/16 | 36 | 124 | 124 | 3/4 X16 | 3/8 | 0 | 1311 | 5110 | 1411 |
| 315B 36 33 | 35 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 324B 36 33 | 35 | 1- 1/16 | 36 | 124 | 124 | 9/16X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 336B 36 33 | 35 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5110 | 1411 |
| 345B 36 33 | 35 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 354B 36 33 | 35 | 1- 1/16 | 42 | 124 | 124 | 13/16X16 | 7/16 | 0 | 1411 | 5110 | 1311 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPD FY4 | SPD SCL | SPD SCR | WELDMENTS NO 5 | WELD NO 6 | WELD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 306B 36 33 | 34 | 1- 1/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 315B 36 33 | 34 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 324B 36 33 | 34 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 1411 | 5110 | 1411 |
| 336B 36 33 | 34 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5110 | 1411 |
| 345B 36 33 | 34 | 1- 1/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 354B 36 33 | 34 | 1- 1/16 | 42 | 124 | 124 | 13/16X16 | 7/16 | 0 | 1411 | 5110 | 1311 |

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 406B | 36 | 33 | 300 | 132 | 70 | 70 | 491 | 681 | 132 | 70 | 70 | 491 | 491 | 132 | 70 | 70 | 491 | 491 |
| 415B | 36 | 33 | 300 | 136 | 65 | 65 | 492 | 492 | 138 | 60 | 60 | 492 | 492 | 139 | 60 | 60 | 492 | 492 |
| 424B | 36 | 33 | 300 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 442 | 442 | 138 | 55 | 55 | 442 | 442 |
| 436B | 36 | 33 | 300 | 138 | 50 | 50 | 442 | 442 | 138 | 50 | 50 | 442 | 442 | 138 | 50 | 50 | 492 | 492 |
| 445B | 36 | 33 | 300 | 139 | 46 | 46 | 492 | 492 | 138 | 46 | 46 | 492 | 492 | 136 | 50 | 50 | 492 | 492 |
| 454B | 36 | 33 | 300 | 132 | 60 | 60 | 491 | 491 | 132 | 60 | 60 | 491 | 491 | 132 | 60 | 60 | 491 | 491 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 406B | 36 | 33 | 36 | 1- 1/16 | 50 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1212 | 5110 |
| 415B | 36 | 33 | 36 | 1- 1/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 424B | 36 | 33 | 36 | 1- 1/16 | 36 | 123 | 122 | 3/8 X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 436B | 36 | 33 | 36 | 1- 1/16 | 36 | 122 | 123 | 3/8 X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 445B | 36 | 33 | 36 | 1- 1/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 454B | 36 | 33 | 36 | 1- 1/16 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 406B | 36 | 33 | 35 | 1- 1/16 | 50 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1212 | 5110 |
| 415B | 36 | 33 | 35 | 1- 1/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 424B | 36 | 33 | 35 | 1- 1/16 | 42 | 123 | 122 | 3/8 X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 436B | 36 | 33 | 35 | 1- 1/16 | 36 | 122 | 123 | 3/8 X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 445B | 36 | 33 | 35 | 1- 1/16 | 36 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 454B | 36 | 33 | 35 | 1- 1/16 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 406B | 36 | 33 | 34 | 1- 1/16 | 50 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1212 | 5110 |
| 415B | 36 | 33 | 34 | 1- 1/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 424B | 36 | 33 | 34 | 1- 1/16 | 42 | 123 | 122 | 3/8 X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 436B | 36 | 33 | 34 | 1- 1/16 | 36 | 122 | 123 | 3/8 X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 445B | 36 | 33 | 34 | 1- 1/16 | 36 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 454B | 36 | 33 | 34 | 1- 1/16 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — CITY OF THE STATE OF NEW YORK

4-81-135

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 2008 | 36 | 34 | 210 | 141 | 65 | 65 | 692 | 692 | 541 | 75 | 75 | 0 | 0 | 137 | 75 | 75 | 692 | 692 |
| 4008 | 36 | 34 | 210 | 141 | 70 | 70 | 692 | 692 | 541 | 80 | 80 | 0 | 0 | 137 | 80 | 80 | 692 | 692 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 2008 | 36 | 34 | 36 | 1- 1/16 | 50 | 132 | 132 | 1 | X16 | 1/2 | 5/16 | 1313 | 5010 | 5610 |
| 4008 | 36 | 34 | 36 | 1- 1/16 | 55 | 132 | 132 | 1 | X16 | 1/2 | 5/16 | 1313 | 5010 | 5610 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 2008 | 36 | 34 | 35 | 1- 1/16 | 50 | 132 | 132 | 1 | X16 | 1/2 | 5/16 | 1313 | 5010 | 5610 |
| 4008 | 36 | 34 | 35 | 1- 1/16 | 55 | 132 | 132 | 1 | X16 | 1/2 | 5/16 | 1313 | 5010 | 5610 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 103B 37 34 | 300 | 136 | 65 | 65 | 682 | 682 | 139 | 55 | 55 | 682 | 682 | 141 | 50 | 50 | 682 | 682 |
| 112B 37 34 | 300 | 150 | 50 | 50 | 682 | 683 | 150 | 50 | 50 | 682 | 683 | 150 | 50 | 50 | 682 | 683 |
| 121B 37 34 | 300 | 150 | 50 | 50 | 682 | 683 | 150 | 50 | 50 | 682 | 683 | 150 | 50 | 50 | 682 | 683 |
| 130B 37 34 | 300 | 150 | 50 | 50 | 493 | 493 | 151 | 50 | 50 | 493 | 493 | 151 | 50 | 50 | 493 | 493 |
| 139B 37 34 | 300 | 151 | 50 | 50 | 683 | 683 | 151 | 50 | 50 | 683 | 683 | 151 | 50 | 50 | 683 | 683 |
| 148B 37 34 | 300 | 150 | 50 | 50 | 682 | 683 | 150 | 50 | 50 | 682 | 683 | 150 | 50 | 50 | 682 | 683 |
| 157B 37 34 | 300 | 141 | 55 | 55 | 682 | 682 | 139 | 60 | 60 | 682 | 682 | 136 | 65 | 65 | 682 | 682 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 103B 37 34 | 37 | 1- 1/16 | 50 | 132 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1311 | 5210 |
| 112B 37 34 | 37 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1511 | 5210 | 1411 |
| 121B 37 34 | 37 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 130B 37 34 | 37 | 1- 1/16 | 36 | 124 | 124 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 139B 37 34 | 37 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 148B 37 34 | 37 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5210 | 1511 |
| 157B 37 34 | 37 | 1- 1/16 | 50 | 124 | 132 | 13/16X16 | 7/16 | 0 | 5210 | 1311 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 103B 37 34 | 36 | 1- 1/16 | 50 | 132 | 124 | 13/16X16 | 7/16 | 0 | 5110 | 1311 | 5210 |
| 112B 37 34 | 36 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1511 | 5210 | 1411 |
| 121B 37 34 | 36 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 130B 37 34 | 36 | 1- 1/16 | 36 | 124 | 124 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 139B 37 34 | 36 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 148B 37 34 | 36 | 1- 1/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5210 | 1511 |
| 157B 37 34 | 36 | 1- 1/16 | 55 | 124 | 132 | 13/16X16 | 7/16 | 0 | 5210 | 1311 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 103B 37 34 | 35 | 1- 1/16 | 50 | 132 | 124 | 13/16X16 | 7/16 | 0 | 5110 | 1311 | 5210 |
| 112B 37 34 | 35 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1511 | 5210 | 1411 |
| 121B 37 34 | 35 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 130B 37 34 | 35 | 1- 1/16 | 36 | 124 | 124 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 139B 37 34 | 35 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 148B 37 34 | 35 | 1- 1/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5210 | 1511 |
| 157B 37 34 | 35 | 1- 1/16 | 55 | 124 | 132 | 13/16X16 | 7/16 | 0 | 5210 | 1311 | 5110 |

4-B1-137

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 203B | 37 | 34 | 300 | 132 | 75 | 75 | 681 | 681 | 132 | 70 | 70 | 681 | 681 | 132 | 70 | 70 | 681 | 681 |
| 212B | 37 | 34 | 300 | 132 | 65 | 65 | 491 | 491 | 134 | 60 | 60 | 491 | 492 | 135 | 60 | 60 | 492 | 492 |
| 221B | 37 | 34 | 300 | 140 | 50 | 50 | 492 | 492 | 139 | 50 | 50 | 492 | 492 | 138 | 50 | 50 | 492 | 492 |
| 230B | 37 | 34 | 300 | 138 | 50 | 50 | 442 | 442 | 138 | 50 | 50 | 442 | 442 | 138 | 50 | 50 | 442 | 442 |
| 239B | 37 | 34 | 300 | 138 | 55 | 55 | 442 | 442 | 139 | 55 | 55 | 442 | 442 | 140 | 55 | 55 | 492 | 492 |
| 248B | 37 | 34 | 300 | 135 | 65 | 65 | 492 | 492 | 134 | 65 | 65 | 491 | 492 | 132 | 70 | 70 | 491 | 491 |
| 257B | 37 | 34 | 300 | 132 | 70 | 70 | 491 | 491 | 132 | 70 | 70 | 491 | 491 | 132 | 80 | 80 | 681 | 681 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 203B | 37 | 34 | 37 | 1- 1/16 | 60 | 132 | 124 | 3/4 X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 212B | 37 | 34 | 37 | 1- 1/16 | 45 | 124 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 221B | 37 | 34 | 37 | 1- 1/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 230B | 37 | 34 | 37 | 1- 1/16 | 36 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 239B | 37 | 34 | 37 | 1- 1/16 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 248B | 37 | 34 | 37 | 1- 1/16 | 45 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 257B | 37 | 34 | 37 | 1- 1/16 | 60 | 124 | 132 | 11/16X16 | 3/8 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 203B | 37 | 34 | 36 | 1- 1/16 | 60 | 132 | 124 | 3/4 X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 212B | 37 | 34 | 36 | 1- 1/16 | 45 | 124 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 221B | 37 | 34 | 36 | 1- 1/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 230B | 37 | 34 | 36 | 1- 1/16 | 36 | 122 | 122 | 5/16X14 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 239B | 37 | 34 | 36 | 1- 1/16 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 248B | 37 | 34 | 36 | 1- 1/16 | 45 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 257B | 37 | 34 | 36 | 1- 1/16 | 65 | 124 | 132 | 11/16X16 | 3/8 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 203B | 37 | 34 | 35 | 1- 1/16 | 55 | 132 | 124 | 3/4 X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 212B | 37 | 34 | 35 | 1- 1/16 | 45 | 124 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 221B | 37 | 34 | 35 | 1- 1/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 230B | 37 | 34 | 35 | 1- 1/16 | 36 | 122 | 122 | 5/16X14 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 239B | 37 | 34 | 35 | 1- 1/16 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 248B | 37 | 34 | 35 | 1- 1/16 | 46 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 257B | 37 | 34 | 35 | 1- 1/16 | 60 | 124 | 132 | 11/16X16 | 3/8 | 0 | 5010 | 5210 | 1013 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

4-81-138

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | FY1 | FY2 | CSU | CSL | COLUMN 2 TYPE | FY1 | FY2 | CSU | CSL | COLUMN 3 TYPE | FY1 | FY2 | CSU | CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 303B 37 34 | 300 | 136 | 70 | 70 | 682 | 682 | 139 | 60 | 60 | 492 | 682 | 141 | 55 | 55 | 492 | 682 |
| 312B 37 34 | 300 | 150 | 50 | 50 | 682 | 683 | 150 | 50 | 50 | 682 | 683 | 150 | 50 | 50 | 682 | 683 |
| 321B 37 34 | 300 | 150 | 45 | 45 | 682 | 683 | 150 | 45 | 45 | 492 | 683 | 150 | 45 | 45 | 492 | 683 |
| 330B 37 34 | 300 | 150 | 45 | 45 | 493 | 493 | 151 | 45 | 45 | 493 | 493 | 151 | 45 | 45 | 493 | 493 |
| 339B 37 34 | 300 | 151 | 45 | 45 | 683 | 683 | 151 | 45 | 45 | 683 | 683 | 151 | 45 | 45 | 683 | 683 |
| 348B 37 34 | 300 | 150 | 50 | 50 | 682 | 683 | 150 | 50 | 50 | 682 | 683 | 150 | 50 | 50 | 682 | 683 |
| 357B 37 34 | 300 | 141 | 60 | 60 | 682 | 682 | 139 | 60 | 60 | 682 | 682 | 136 | 70 | 70 | 682 | 682 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 303B 37 34 | 37 | 1- 1/16 | 55 | 132 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1311 | 5210 |
| 312B 37 34 | 37 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 1511 | 5210 | 1411 |
| 321B 37 34 | 37 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 330B 37 34 | 37 | 1- 1/16 | 36 | 123 | 124 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 339B 37 34 | 37 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 348B 37 34 | 37 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5210 | 1511 |
| 357B 37 34 | 37 | 1- 1/16 | 55 | 124 | 132 | 13/16X16 | 7/16 | 0 | 5210 | 1311 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 303B 37 34 | 36 | 1- 1/16 | 55 | 132 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1311 | 5210 |
| 312B 37 34 | 36 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 1511 | 5210 | 1411 |
| 321B 37 34 | 36 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 330B 37 34 | 36 | 1- 1/16 | 36 | 123 | 124 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 339B 37 34 | 36 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 348B 37 34 | 36 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5210 | 1511 |
| 357B 37 34 | 36 | 1- 1/16 | 55 | 124 | 132 | 13/16X16 | 7/16 | 0 | 5210 | 1311 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 303B 37 34 | 35 | 1- 1/16 | 55 | 132 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1311 | 5210 |
| 312B 37 34 | 35 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 1511 | 5210 | 1411 |
| 321B 37 34 | 35 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 330B 37 34 | 35 | 1- 1/16 | 36 | 124 | 124 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 339B 37 34 | 35 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 348B 37 34 | 35 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5210 | 1511 |
| 357B 37 34 | 35 | 1- 1/16 | 55 | 124 | 132 | 13/16X16 | 7/16 | 0 | 5210 | 1311 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF THE STATE OF NEW YORK

4-B1-139

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B 37 34 | 300 | 132 | 85 | 85 | 681 | 681 | 132 | 75 | 75 | 491 | 681 | 132 | 75 | 75 | 491 | 681 |
| 412B 37 34 | 300 | 132 | 70 | 70 | 491 | 491 | 134 | 70 | 70 | 491 | 492 | 135 | 65 | 65 | 492 | 492 |
| 421B 37 34 | 300 | 140 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 |
| 430B 37 34 | 300 | 138 | 50 | 50 | 442 | 442 | 138 | 50 | 50 | 442 | 442 | 138 | 50 | 50 | 442 | 442 |
| 439B 37 34 | 300 | 138 | 46 | 46 | 492 | 492 | 139 | 45 | 45 | 492 | 492 | 140 | 45 | 45 | 492 | 492 |
| 448B 37 34 | 300 | 135 | 55 | 55 | 492 | 492 | 134 | 55 | 55 | 491 | 492 | 132 | 60 | 60 | 491 | 491 |
| 457B 37 34 | 300 | 132 | 65 | 65 | 491 | 491 | 132 | 65 | 65 | 491 | 491 | 132 | 75 | 75 | 681 | 681 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B 37 34 | 37 | 1- 1/16 | 65 | 132 | 124 | 3/4 X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 412B 37 34 | 37 | 1- 1/16 | 46 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 421B 37 34 | 37 | 1- 1/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 430B 37 34 | 37 | 1- 1/16 | 36 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 439B 37 34 | 37 | 1- 1/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 448B 37 34 | 37 | 1- 1/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 457B 37 34 | 37 | 1- 1/16 | 60 | 124 | 132 | 11/16X16 | 3/8 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B 37 34 | 36 | 1- 1/16 | 65 | 132 | 124 | 3/4 X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 412B 37 34 | 36 | 1- 1/16 | 50 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 421B 37 34 | 36 | 1- 1/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 430B 37 34 | 36 | 1- 1/16 | 36 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 439B 37 34 | 36 | 1- 1/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 448B 37 34 | 36 | 1- 1/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 457B 37 34 | 36 | 1- 1/16 | 60 | 124 | 132 | 3/4 X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B 37 34 | 35 | 1- 1/16 | 60 | 132 | 124 | 3/4 X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 412B 37 34 | 35 | 1- 1/16 | 50 | 124 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 421B 37 34 | 35 | 1- 1/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 430B 37 34 | 35 | 1- 1/16 | 36 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 439B 37 34 | 35 | 1- 1/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 448B 37 34 | 35 | 1- 1/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 457B 37 34 | 35 | 1- 1/16 | 55 | 124 | 132 | 3/4 X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34960 STATE OF NEW YORK

4-81-140

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

EVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100B 37 35 | 210 | 137 | 65 | 65 | 692 | 692 | 541 | 65 | 65 | 0 | 0 | 141 | 65 | 65 | 692 | 692 |
| 300B 37 35 | 210 | 137 | 75 | 75 | 692 | 692 | 541 | 75 | 75 | 0 | 0 | 141 | 70 | 70 | 692 | 692 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPAN FY4 | SPAN SCL | SPAN SCR | WELDMENTS NO 5 | WELD NO 6 | WELD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 100B 37 35 | 37 | 1- 1/16 | 50 | 132 | 132 | 15/16X16 | 1/2 | 5/16 | 5410 | 5010 | 1313 |
| 300B 37 35 | 37 | 1- 1/16 | 50 | 132 | 132 | 7/8 X16 | 7/16 | 0 | 5410 | 5010 | 1313 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPAN FY4 | SPAN SCL | SPAN SCR | WELDMENTS NO 5 | WELD NO 6 | WELD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 100B 37 35 | 36 | 1- 1/16 | 50 | 132 | 132 | 15/16X16 | 1/2 | 5/16 | 5410 | 5010 | 1313 |
| 300B 37 35 | 36 | 1- 1/16 | 50 | 132 | 132 | 15/16X16 | 1/2 | 5/16 | 5410 | 5010 | 1313 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

4-81-141

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | FY1 | FY2 | CSU | CSL | COLUMN 2 TYPE | FY1 | FY2 | CSU | CSL | COLUMN 3 TYPE | FY1 | FY2 | CSU | CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 109B 38 35 | 300 | 147 | 50 | 50 | 682 | 682 | 148 | 50 | 50 | 682 | 682 | 149 | 50 | 50 | 683 | 683 |
| 118B 38 35 | 300 | 149 | 50 | 50 | 683 | 683 | 149 | 50 | 50 | 683 | 683 | 149 | 50 | 50 | 683 | 683 |
| 127B 38 35 | 300 | 150 | 50 | 50 | 493 | 493 | 150 | 50 | 50 | 493 | 493 | 150 | 50 | 50 | 493 | 493 |
| 133B 38 35 | 300 | 151 | 50 | 50 | 493 | 683 | 151 | 50 | 50 | 493 | 683 | 151 | 50 | 50 | 683 | 683 |
| 142B 38 35 | 300 | 150 | 50 | 50 | 683 | 683 | 150 | 50 | 50 | 683 | 683 | 150 | 50 | 50 | 683 | 683 |
| 151B 38 35 | 300 | 149 | 50 | 50 | 683 | 683 | 148 | 50 | 50 | 682 | 682 | 147 | 50 | 50 | 682 | 682 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 109B 38 35 | 38 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 118B 38 35 | 38 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 127B 38 35 | 38 | 1- 1/16 | 36 | 124 | 124 | 9/16X16 | 3/8 | 0 | 5110 | 1411 | 5210 |
| 133B 38 35 | 38 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5210 | 1411 | 5110 |
| 142B 38 35 | 38 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 151B 38 35 | 38 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 109B 38 35 | 37 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 118B 38 35 | 37 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 127B 38 35 | 37 | 1- 1/16 | 36 | 124 | 124 | 9/16X16 | 3/8 | 0 | 5110 | 1411 | 5210 |
| 133B 38 35 | 37 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5210 | 1411 | 5110 |
| 142B 38 35 | 37 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 151B 38 35 | 37 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 109B 38 35 | 36 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 118B 38 35 | 36 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 127B 38 35 | 36 | 1- 1/16 | 36 | 124 | 124 | 9/16X16 | 3/8 | 0 | 5110 | 1411 | 5210 |
| 133B 38 35 | 36 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5210 | 1411 | 5110 |
| 142B 38 35 | 36 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 151B 38 35 | 36 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |

4-B1-142

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 209B 38 35 | 300 | 132 | 65 | 65 | 491 | 491 | 132 | 65 | 65 | 491 | 491 | 132 | 65 | 65 | 491 | 491 |
| 218B 38 35 | 300 | 139 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 |
| 227B 38 35 | 300 | 138 | 50 | 50 | 442 | 442 | 138 | 50 | 50 | 442 | 442 | 138 | 50 | 50 | 442 | 442 |
| 233B 38 35 | 300 | 138 | 50 | 50 | 442 | 442 | 138 | 55 | 55 | 442 | 442 | 138 | 55 | 55 | 442 | 442 |
| 242B 38 35 | 300 | 139 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 |
| 251B 38 35 | 300 | 132 | 65 | 65 | 491 | 491 | 132 | 65 | 65 | 491 | 491 | 132 | 70 | 70 | 491 | 491 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 209B 38 35 | 38 | 1- 1/16 | 45 | 124 | 124 | 9/16X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 218B 38 35 | 38 | 1- 1/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 227B 38 35 | 38 | 1- 1/16 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 233B 38 35 | 38 | 1- 1/16 | 36 | 122 | 122 | 5/16X14 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 242B 38 35 | 38 | 1- 1/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 251B 38 35 | 38 | 1- 1/16 | 45 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1212 | 5210 | 5010 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 209B 38 35 | 37 | 1- 1/16 | 45 | 124 | 124 | 9/16X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 218B 38 35 | 37 | 1- 1/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 227B 38 35 | 37 | 1- 1/16 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 233B 38 35 | 37 | 1- 1/16 | 36 | 122 | 122 | 5/16X14 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 242B 38 35 | 37 | 1- 1/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 251B 38 35 | 37 | 1- 1/16 | 45 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1212 | 5210 | 5010 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 209B 38 35 | 36 | 1- 1/16 | 45 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 218B 38 35 | 36 | 1- 1/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 227B 38 35 | 36 | 1- 1/16 | 36 | 123 | 122 | 5/16X16 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 233B 38 35 | 36 | 1- 1/16 | 36 | 122 | 122 | 5/16X14 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 242B 38 35 | 36 | 1- 1/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 251B 38 35 | 36 | 1- 1/16 | 46 | 123 | 123 | 9/16X16 | 5/16 | 0 | 1212 | 5210 | 5010 |

4-81-143

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3098 38 35 | 300 | 147 | 50 | 50 | 682 | 682 | 148 | 50 | 50 | 682 | 682 | 149 | 50 | 50 | 683 | 683 |
| 3188 38 35 | 300 | 149 | 46 | 46 | 683 | 683 | 149 | 46 | 46 | 683 | 683 | 149 | 45 | 45 | 683 | 683 |
| 327B 38 35 | 300 | 150 | 45 | 45 | 493 | 493 | 150 | 45 | 45 | 493 | 493 | 150 | 45 | 45 | 493 | 493 |
| 333B 38 35 | 300 | 151 | 45 | 45 | 493 | 493 | 151 | 45 | 45 | 493 | 493 | 151 | 45 | 45 | 683 | 683 |
| 342B 38 35 | 300 | 150 | 45 | 45 | 683 | 683 | 150 | 50 | 50 | 683 | 683 | 150 | 50 | 50 | 683 | 683 |
| 351B 38 35 | 300 | 149 | 50 | 50 | 683 | 683 | 148 | 55 | 55 | 682 | 682 | 147 | 55 | 55 | 682 | 682 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 309B 38 35 | 38 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 318B 38 35 | 38 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 327B 38 35 | 38 | 1- 1/16 | 36 | 124 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 1411 | 5210 |
| 333B 38 35 | 38 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5210 | 1411 | 5110 |
| 342B 38 35 | 38 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 351B 38 35 | 38 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3098 38 35 | 37 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 318B 38 35 | 37 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 327B 38 35 | 37 | 1- 1/16 | 36 | 124 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 1411 | 5210 |
| 333B 38 35 | 37 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5210 | 1411 | 5110 |
| 342B 38 35 | 37 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 351B 38 35 | 37 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3098 38 35 | 36 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 318B 38 35 | 36 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 327B 38 35 | 36 | 1- 1/16 | 36 | 124 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 1411 | 5210 |
| 333B 38 35 | 36 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5210 | 1411 | 5110 |
| 342B 38 35 | 36 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 351B 38 35 | 36 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

4-B1-144

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 409B | 38 | 35 | 300 | 132 | 70 | 70 | 491 | 491 | 132 | 70 | 70 | 491 | 491 | 132 | 70 | 70 | 491 | 491 |
| 418B | 38 | 35 | 300 | 139 | 60 | 60 | 492 | 492 | 139 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 |
| 427B | 38 | 35 | 300 | 138 | 55 | 55 | 442 | 442 | 138 | 55 | 55 | 442 | 442 | 138 | 55 | 55 | 442 | 442 |
| 433B | 38 | 35 | 300 | 138 | 50 | 50 | 442 | 442 | 138 | 50 | 50 | 442 | 442 | 138 | 50 | 50 | 442 | 442 |
| 442B | 38 | 35 | 300 | 139 | 45 | 45 | 492 | 492 | 139 | 45 | 45 | 492 | 492 | 139 | 45 | 45 | 492 | 492 |
| 451B | 38 | 35 | 300 | 132 | 60 | 60 | 491 | 491 | 132 | 60 | 60 | 491 | 491 | 132 | 60 | 60 | 491 | 491 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 409B | 38 | 35 | 38 | 1- 1/16 | 46 | 124 | 123 | 9/16X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 418B | 38 | 35 | 38 | 1- 1/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 427B | 38 | 35 | 38 | 1- 1/16 | 42 | 122 | 122 | 5/16X14 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 433B | 38 | 35 | 38 | 1- 1/16 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 442B | 38 | 35 | 38 | 1- 1/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 451B | 38 | 35 | 38 | 1- 1/16 | 42 | 123 | 124 | 9/16X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 409B | 38 | 35 | 37 | 1- 1/16 | 50 | 124 | 123 | 9/16X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 418B | 38 | 35 | 37 | 1- 1/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 427B | 38 | 35 | 37 | 1- 1/16 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 433B | 38 | 35 | 37 | 1- 1/16 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 442B | 38 | 35 | 37 | 1- 1/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 451B | 38 | 35 | 37 | 1- 1/16 | 42 | 123 | 124 | 9/16X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 409B | 38 | 35 | 36 | 1- 1/16 | 50 | 124 | 123 | 9/16X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 418B | 38 | 35 | 36 | 1- 1/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 427B | 38 | 35 | 36 | 1- 1/16 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 433B | 38 | 35 | 36 | 1- 1/16 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 442B | 38 | 35 | 36 | 1- 1/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 451B | 38 | 35 | 36 | 1- 1/16 | 42 | 123 | 124 | 9/16X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

4-B1-145

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 2008 38 36 | 210 | 140 | 70 | 70 | 692 | 692 | 540 | 75 | 75 | 0 | 0 | 137 | 75 | 75 | 692 | 692 |
| 4008 38 36 | 210 | 140 | 75 | 75 | 692 | 692 | 540 | 80 | 80 | 0 | 0 | 137 | 80 | 80 | 692 | 692 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 2008 38 36 | 38 | 1- 1/16 | 50 | 132 | 132 | 1 X16 | 1/2 | 5/16 | 1313 | 5010 | 5610 |
| 4008 38 36 | 38 | 1- 1/16 | 55 | 132 | 132 | 15/16X16 | 1/2 | 5/16 | 1313 | 5010 | 5610 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 2008 38 36 | 37 | 1- 1/16 | 50 | 132 | 132 | 1 X16 | 1/2 | 5/16 | 1313 | 5010 | 5610 |
| 4008 38 36 | 37 | 1- 1/16 | 55 | 132 | 132 | 1 X16 | 1/2 | 5/16 | 1313 | 5010 | 5610 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

4-B1-146

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 106B | 39 | 36 | 300 | 143 | 50 | 50 | 682 | 682 | 144 | 50 | 50 | 682 | 682 | 145 | 50 | 50 | 682 | 682 |
| 115B | 39 | 36 | 300 | 149 | 50 | 50 | 683 | 683 | 149 | 50 | 50 | 683 | 683 | 149 | 50 | 50 | 683 | 683 |
| 124B | 39 | 36 | 300 | 149 | 50 | 50 | 683 | 683 | 149 | 50 | 50 | 493 | 683 | 149 | 50 | 50 | 493 | 683 |
| 136B | 39 | 36 | 300 | 150 | 50 | 50 | 683 | 683 | 150 | 50 | 50 | 683 | 683 | 150 | 50 | 50 | 683 | 683 |
| 145B | 39 | 36 | 300 | 149 | 50 | 50 | 683 | 683 | 149 | 50 | 50 | 683 | 683 | 149 | 50 | 50 | 683 | 683 |
| 154B | 39 | 36 | 300 | 145 | 50 | 50 | 682 | 682 | 144 | 50 | 50 | 682 | 682 | 143 | 55 | 55 | 682 | 682 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B | 39 | 36 | 39 | 1- 1/16 | 36 | 124 | 124 | 3/4 X16 | 3/8 | 0 | 1311 | 5110 | 1411 |
| 115B | 39 | 36 | 39 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 124B | 39 | 36 | 39 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 136B | 39 | 36 | 39 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 1411 | 5110 | 1411 |
| 145B | 39 | 36 | 39 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 154B | 39 | 36 | 39 | 1- 1/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B | 39 | 36 | 38 | 1- 1/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 115B | 39 | 36 | 38 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 124B | 39 | 36 | 38 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 1411 | 5110 | 1411 |
| 136B | 39 | 36 | 38 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 1411 | 5110 | 1411 |
| 145B | 39 | 36 | 38 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 154B | 39 | 36 | 38 | 1- 1/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5110 | 1311 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B | 39 | 36 | 37 | 1- 1/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 115B | 39 | 36 | 37 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 124B | 39 | 36 | 37 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 1411 | 5110 | 1411 |
| 136B | 39 | 36 | 37 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5110 | 1411 |
| 145B | 39 | 36 | 37 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 154B | 39 | 36 | 37 | 1- 1/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5110 | 1311 |

4-81-147

**WORTHINGTON, SKILLING, HELLE & JACKSON** — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 206B 39 36 | 300 | 132 | 70 | 70 | 491 | 681 | 132 | 70 | 70 | 491 | 491 | 132 | 65 | 65 | 491 | 491 |
| 215B 39 36 | 300 | 135 | 60 | 60 | 492 | 492 | 137 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 |
| 224B 39 36 | 300 | 138 | 50 | 50 | 442 | 492 | 138 | 50 | 50 | 442 | 442 | 138 | 50 | 50 | 442 | 442 |
| 236B 39 36 | 300 | 138 | 55 | 55 | 442 | 442 | 138 | 55 | 55 | 442 | 442 | 138 | 55 | 55 | 442 | 442 |
| 245B 39 36 | 300 | 138 | 55 | 55 | 492 | 492 | 137 | 60 | 60 | 492 | 492 | 135 | 60 | 60 | 492 | 492 |
| 254B 39 36 | 300 | 132 | 65 | 65 | 491 | 491 | 132 | 70 | 70 | 491 | 491 | 132 | 70 | 70 | 491 | 491 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 206B 39 36 | 39 | 1- 1/16 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1212 | 5110 |
| 215B 39 36 | 39 | 1- 1/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 224B 39 36 | 39 | 1- 1/16 | 36 | 123 | 122 | 3/8 X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 236B 39 36 | 39 | 1- 1/16 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 245B 39 36 | 39 | 1- 1/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 254B 39 36 | 39 | 1- 1/16 | 45 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 206B 39 36 | 38 | 1- 1/16 | 46 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1212 | 5110 |
| 215B 39 36 | 38 | 1- 1/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 224B 39 36 | 38 | 1- 1/16 | 36 | 123 | 122 | 3/8 X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 236B 39 36 | 38 | 1- 1/16 | 42 | 122 | 123 | 5/16X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 245B 39 36 | 38 | 1- 1/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 254B 39 36 | 38 | 1- 1/16 | 50 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 206B 39 36 | 37 | 1- 1/16 | 45 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1212 | 5110 |
| 215B 39 36 | 37 | 1- 1/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 224B 39 36 | 37 | 1- 1/16 | 36 | 123 | 122 | 3/8 X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 236B 39 36 | 37 | 1- 1/16 | 36 | 122 | 123 | 5/16X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 245B 39 36 | 37 | 1- 1/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 254B 39 36 | 37 | 1- 1/16 | 45 | 123 | 124 | 9/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

4-81-148

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 306B | 39 | 36 | 300 | 143 | 55 | 55 | 492 | 682 | 144 | 55 | 55 | 492 | 682 | 145 | 50 | 50 | 682 | 682 |
| 315B | 39 | 36 | 300 | 149 | 50 | 50 | 683 | 683 | 149 | 50 | 50 | 683 | 683 | 149 | 46 | 46 | 683 | 683 |
| 324B | 39 | 36 | 300 | 149 | 45 | 45 | 493 | 493 | 149 | 45 | 45 | 493 | 493 | 149 | 45 | 45 | 493 | 493 |
| 336B | 39 | 36 | 300 | 150 | 45 | 45 | 683 | 683 | 150 | 45 | 45 | 683 | 683 | 150 | 45 | 45 | 683 | 683 |
| 345B | 39 | 36 | 300 | 149 | 50 | 50 | 683 | 683 | 149 | 50 | 50 | 683 | 683 | 149 | 50 | 50 | 683 | 683 |
| 354B | 39 | 36 | 300 | 145 | 55 | 55 | 682 | 682 | 144 | 55 | 55 | 682 | 682 | 143 | 55 | 55 | 682 | 682 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 306B | 39 | 36 | 39 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1311 | 5110 | 1411 |
| 315B | 39 | 36 | 39 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 324B | 39 | 36 | 39 | 1- 1/16 | 36 | 124 | 124 | 9/16X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 336B | 39 | 36 | 39 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 1411 | 5110 | 1411 |
| 345B | 39 | 36 | 39 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 354B | 39 | 36 | 39 | 1- 1/16 | 36 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 306B | 39 | 36 | 38 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1311 | 5110 | 1411 |
| 315B | 39 | 36 | 38 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 324B | 39 | 36 | 38 | 1- 1/16 | 36 | 124 | 124 | 9/16X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 336B | 39 | 36 | 38 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 1411 | 5110 | 1411 |
| 345B | 39 | 36 | 38 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 354B | 39 | 36 | 38 | 1- 1/16 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5110 | 1311 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 306B | 39 | 36 | 37 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1311 | 5110 | 1411 |
| 315B | 39 | 36 | 37 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 324B | 39 | 36 | 37 | 1- 1/16 | 36 | 124 | 124 | 9/16X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 336B | 39 | 36 | 37 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 1411 | 5110 | 1411 |
| 345B | 39 | 36 | 37 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 354B | 39 | 36 | 37 | 1- 1/16 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5110 | 1311 |

4-B1-149

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 406B 39 36 | 300 | 132 | 75 | 75 | 491 | 491 | 132 | 75 | 75 | 491 | 491 | 132 | 70 | 70 | 491 | 491 |
| 415B 39 36 | 300 | 135 | 65 | 65 | 492 | 492 | 137 | 60 | 60 | 492 | 492 | 138 | 60 | 60 | 492 | 492 |
| 424B 39 36 | 300 | 138 | 55 | 55 | 442 | 492 | 138 | 55 | 55 | 442 | 442 | 138 | 55 | 55 | 442 | 442 |
| 436B 39 36 | 300 | 138 | 50 | 50 | 442 | 442 | 138 | 50 | 50 | 442 | 442 | 138 | 50 | 50 | 442 | 492 |
| 445B 39 36 | 300 | 138 | 46 | 46 | 492 | 492 | 137 | 50 | 50 | 492 | 492 | 135 | 50 | 50 | 492 | 492 |
| 454B 39 36 | 300 | 132 | 60 | 60 | 491 | 491 | 132 | 65 | 65 | 491 | 491 | 132 | 65 | 65 | 491 | 491 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 406B 39 36 | 39 | 1- 1/16 | 46 | 124 | 124 | 9/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |
| 415B 39 36 | 39 | 1- 1/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 424B 39 36 | 39 | 1- 1/16 | 36 | 123 | 122 | 3/8 X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 436B 39 36 | 39 | 1- 1/16 | 36 | 122 | 123 | 3/8 X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 445B 39 36 | 39 | 1- 1/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 454B 39 36 | 39 | 1- 1/16 | 42 | 123 | 124 | 9/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 406B 39 36 | 38 | 1- 1/16 | 50 | 124 | 124 | 9/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |
| 415B 39 36 | 38 | 1- 1/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 424B 39 36 | 38 | 1- 1/16 | 42 | 123 | 122 | 3/8 X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 436B 39 36 | 38 | 1- 1/16 | 36 | 122 | 123 | 3/8 X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 445B 39 36 | 38 | 1- 1/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 454B 39 36 | 38 | 1- 1/16 | 45 | 124 | 124 | 9/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 406B 39 36 | 37 | 1- 1/16 | 50 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1212 | 5110 |
| 415B 39 36 | 37 | 1- 1/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 424B 39 36 | 37 | 1- 1/16 | 36 | 123 | 122 | 3/8 X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 436B 39 36 | 37 | 1- 1/16 | 36 | 122 | 123 | 3/8 X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 445B 39 36 | 37 | 1- 1/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 454B 39 36 | 37 | 1- 1/16 | 42 | 124 | 124 | 9/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

4-81-150

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100B 39 37 | 210 | 136 | 70 | 70 | 692 | 692 | 540 | 70 | 70 | 0 | 0 | 140 | 65 | 65 | 692 | 692 |
| 300B 39 37 | 210 | 136 | 75 | 75 | 692 | 692 | 540 | 75 | 75 | 0 | 0 | 140 | 70 | 70 | 692 | 692 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPL FY4 | SPL SCL | SPL SCR | WELDMENTS NO 5 | WLD NO 6 | WLD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 100B 39 37 | 39 | 1- 1/16 | 50 | 132 | 132 | 15/16X16 | 1/2 | 5/16 | 5410 | 5010 | 1313 |
| 300B 39 37 | 39 | 1- 1/16 | 50 | 132 | 132 | 7/8 X16 | 7/16 | 0 | 5410 | 5010 | 1313 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPL FY4 | SPL SCL | SPL SCR | WELDMENTS NO 5 | WLD NO 6 | WLD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 100B 39 37 | 38 | 1- 1/16 | 50 | 132 | 132 | 15/16X16 | 1/2 | 5/16 | 5410 | 5010 | 1313 |
| 300B 39 37 | 38 | 1- 1/16 | 55 | 132 | 132 | 7/8 X16 | 7/16 | 0 | 5410 | 5010 | 1313 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

4-81-151

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 103B | 40 | 37 | 300 | 135 | 65 | 65 | 102 | 682 | 138 | 55 | 55 | 102 | 682 | 140 | 55 | 55 | 102 | 682 |
| 112B | 40 | 37 | 300 | 148 | 50 | 50 | 102 | 682 | 148 | 50 | 50 | 102 | 682 | 148 | 50 | 50 | 102 | 682 |
| 121B | 40 | 37 | 300 | 148 | 50 | 50 | 102 | 682 | 148 | 50 | 50 | 102 | 682 | 148 | 50 | 50 | 102 | 682 |
| 130B | 40 | 37 | 300 | 150 | 50 | 50 | 103 | 493 | 150 | 50 | 50 | 103 | 493 | 150 | 50 | 50 | 103 | 493 |
| 139B | 40 | 37 | 300 | 150 | 50 | 50 | 103 | 683 | 150 | 50 | 50 | 103 | 683 | 150 | 50 | 50 | 103 | 683 |
| 148B | 40 | 37 | 300 | 148 | 50 | 50 | 102 | 682 | 148 | 50 | 50 | 102 | 682 | 148 | 50 | 50 | 102 | 682 |
| 157B | 40 | 37 | 300 | 140 | 55 | 55 | 102 | 682 | 138 | 55 | 55 | 102 | 682 | 135 | 70 | 70 | 102 | 682 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 103B | 40 | 37 | 40 | 15/16 | 50 | 132 | 124 | 7/8 X16 | 7/16 | 0 | 5110 | 1311 | 5210 |
| 112B | 40 | 37 | 40 | 15/16 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1511 | 5210 | 1411 |
| 121B | 40 | 37 | 40 | 15/16 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 130B | 40 | 37 | 40 | 15/16 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 139B | 40 | 37 | 40 | 15/16 | 42 | 124 | 124 | 13/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 148B | 40 | 37 | 40 | 15/16 | 42 | 124 | 124 | 13/16X16 | 7/16 | 0 | 1411 | 5210 | 1511 |
| 157B | 40 | 37 | 40 | 15/16 | 50 | 124 | 132 | 7/8 X16 | 7/16 | 0 | 5210 | 1311 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 103B | 40 | 37 | 39 | 1- 1/16 | 50 | 132 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1311 | 5210 |
| 112B | 40 | 37 | 39 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 1511 | 5210 | 1411 |
| 121B | 40 | 37 | 39 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 130B | 40 | 37 | 39 | 1- 1/16 | 36 | 123 | 124 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 139B | 40 | 37 | 39 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 148B | 40 | 37 | 39 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5210 | 1511 |
| 157B | 40 | 37 | 39 | 1- 1/16 | 50 | 124 | 132 | 13/16X16 | 7/16 | 0 | 5210 | 1311 | 5110 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 103B | 40 | 37 | 38 | 1- 1/16 | 50 | 132 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1311 | 5210 |
| 112B | 40 | 37 | 38 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1511 | 5210 | 1411 |
| 121B | 40 | 37 | 38 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 130B | 40 | 37 | 38 | 1- 1/16 | 36 | 124 | 124 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 139B | 40 | 37 | 38 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 148B | 40 | 37 | 38 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5210 | 1511 |
| 157B | 40 | 37 | 38 | 1- 1/16 | 55 | 124 | 132 | 13/16X16 | 7/16 | 0 | 5210 | 1311 | 5110 |

4-B1-152

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 203B 40 37 | 300 | 131 | 75 | 75 | 101 | 681 | 131 | 70 | 70 | 101 | 681 | 131 | 70 | 70 | 101 | 681 |
| 212B 40 37 | 300 | 132 | 65 | 65 | 101 | 491 | 132 | 65 | 65 | 101 | 491 | 134 | 60 | 60 | 102 | 492 |
| 221B 40 37 | 300 | 138 | 50 | 50 | 102 | 492 | 138 | 50 | 50 | 102 | 492 | 138 | 50 | 50 | 102 | 492 |
| 230B 40 37 | 300 | 137 | 50 | 50 | 102 | 442 | 137 | 50 | 50 | 102 | 442 | 137 | 50 | 50 | 102 | 442 |
| 239B 40 37 | 300 | 138 | 55 | 55 | 102 | 442 | 138 | 55 | 55 | 102 | 442 | 138 | 55 | 55 | 102 | 492 |
| 248B 40 37 | 300 | 134 | 65 | 65 | 102 | 492 | 132 | 65 | 65 | 101 | 491 | 132 | 65 | 65 | 101 | 491 |
| 257B 40 37 | 300 | 131 | 70 | 70 | 101 | 491 | 131 | 70 | 70 | 101 | 491 | 131 | 80 | 80 | 101 | 681 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 203B 40 37 | 40 | 15/16 | 60 | 132 | 124 | 7/8 X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 212B 40 37 | 40 | 15/16 | 42 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 221B 40 37 | 40 | 15/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 230B 40 37 | 40 | 15/16 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 239B 40 37 | 40 | 15/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 248B 40 37 | 40 | 15/16 | 45 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 257B 40 37 | 40 | 15/16 | 60 | 124 | 132 | 3/4 X16 | 3/8 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 203B 40 37 | 39 | 1- 1/16 | 60 | 132 | 124 | 3/4 X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 212B 40 37 | 39 | 1- 1/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 221B 40 37 | 39 | 1- 1/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 230B 40 37 | 39 | 1- 1/16 | 36 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 239B 40 37 | 39 | 1- 1/16 | 36 | 122 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 248B 40 37 | 39 | 1- 1/16 | 45 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 257B 40 37 | 39 | 1- 1/16 | 60 | 123 | 132 | 11/16X16 | 3/8 | 0 | 5010 | 5210 | 1013 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — REGISTERED IN THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 203B 40 37 | 38 | 1- 1/16 | 60 | 132 | 124 | 3/4 X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 212B 40 37 | 38 | 1- 1/16 | 45 | 124 | 123 | 9/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 221B 40 37 | 38 | 1- 1/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 230B 40 37 | 38 | 1- 1/16 | 36 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 239B 40 37 | 38 | 1- 1/16 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 248B 40 37 | 38 | 1- 1/16 | 45 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 257B 40 37 | 38 | 1- 1/16 | 60 | 123 | 132 | 11/16X16 | 3/8 | 0 | 5010 | 5210 | 1013 |

4-B3-153

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 303B 40 37 | 300 | 135 | 70 | 70 | 102 | 682 | 138 | 60 | 60 | 102 | 492 | 140 | 55 | 55 | 102 | 492 |
| 312B 40 37 | 300 | 148 | 50 | 50 | 102 | 682 | 148 | 50 | 50 | 102 | 682 | 148 | 50 | 50 | 102 | 682 |
| 321B 40 37 | 300 | 148 | 45 | 45 | 102 | 682 | 148 | 45 | 45 | 102 | 492 | 148 | 45 | 45 | 102 | 492 |
| 330B 40 37 | 300 | 150 | 42 | 42 | 103 | 493 | 150 | 45 | 45 | 103 | 493 | 150 | 45 | 45 | 103 | 493 |
| 339B 40 37 | 300 | 150 | 45 | 45 | 103 | 683 | 150 | 45 | 45 | 103 | 683 | 150 | 45 | 45 | 103 | 683 |
| 348B 40 37 | 300 | 148 | 50 | 50 | 102 | 682 | 148 | 50 | 50 | 102 | 682 | 148 | 50 | 50 | 102 | 682 |
| 357B 40 37 | 300 | 140 | 60 | 60 | 102 | 682 | 138 | 60 | 60 | 102 | 682 | 135 | 70 | 70 | 102 | 682 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 303B 40 37 | 40 | 15/16 | 55 | 132 | 124 | 13/16X16 | 7/16 | 0 | 5110 | 1311 | 5210 |
| 312B 40 37 | 40 | 15/16 | 42 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1511 | 5210 | 1411 |
| 321B 40 37 | 40 | 15/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 330B 40 37 | 40 | 15/16 | 36 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 339B 40 37 | 40 | 15/16 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 348B 40 37 | 40 | 15/16 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5210 | 1511 |
| 357B 40 37 | 40 | 15/16 | 55 | 124 | 132 | 7/8 X16 | 7/16 | 0 | 5210 | 1311 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 303B 40 37 | 39 | 1- 1/16 | 55 | 132 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1311 | 5210 |
| 312B 40 37 | 39 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 1511 | 5210 | 1411 |
| 321B 40 37 | 39 | 1- 1/16 | 36 | 124 | 124 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 330B 40 37 | 39 | 1- 1/16 | 36 | 123 | 124 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 339B 40 37 | 39 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 348B 40 37 | 39 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5210 | 1511 |
| 357B 40 37 | 39 | 1- 1/16 | 55 | 124 | 132 | 3/4 X16 | 7/16 | 0 | 5210 | 1311 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 3038 40 37 | 38 | 1- 1/16 | 55 | 132 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1311 | 5210 |
| 312B 40 37 | 38 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 1511 | 5210 | 1411 |
| 321B 40 37 | 38 | 1- 1/16 | 36 | 124 | 124 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 330B 40 37 | 38 | 1- 1/16 | 36 | 123 | 124 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 339B 40 37 | 38 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 348B 40 37 | 38 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5210 | 1511 |
| 357B 40 37 | 38 | 1- 1/16 | 55 | 124 | 132 | 3/4 X16 | 7/16 | 0 | 5210 | 1311 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

4-81-154

**WORTHINGTON, SKILLING, HELLE & JACKSON** — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B 40 37 | 300 | 131 | 80 | 80 | 101 | 681 | 131 | 75 | 75 | 101 | 491 | 131 | 75 | 75 | 101 | 491 |
| 412B 40 37 | 300 | 132 | 70 | 70 | 101 | 491 | 132 | 70 | 70 | 101 | 491 | 134 | 65 | 65 | 102 | 492 |
| 421B 40 37 | 300 | 138 | 55 | 55 | 102 | 492 | 138 | 55 | 55 | 102 | 492 | 138 | 55 | 55 | 102 | 492 |
| 430B 40 37 | 300 | 137 | 55 | 55 | 102 | 442 | 137 | 55 | 55 | 102 | 442 | 137 | 50 | 50 | 102 | 442 |
| 439B 40 37 | 300 | 138 | 45 | 45 | 102 | 492 | 138 | 45 | 45 | 102 | 492 | 138 | 45 | 45 | 102 | 492 |
| 448B 40 37 | 300 | 134 | 55 | 55 | 102 | 492 | 132 | 60 | 60 | 101 | 491 | 132 | 60 | 60 | 101 | 491 |
| 457B 40 37 | 300 | 131 | 65 | 65 | 101 | 491 | 131 | 65 | 65 | 101 | 491 | 131 | 70 | 70 | 101 | 681 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B 40 37 | 40 | 15/16 | 60 | 132 | 124 | 13/16X16 | 7/16 | 0 | 1013 | 5210 | 5010 |
| 412B 40 37 | 40 | 15/16 | 46 | 124 | 123 | 5/8 X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 421B 40 37 | 40 | 15/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 430B 40 37 | 40 | 15/16 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 439B 40 37 | 40 | 15/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 448B 40 37 | 40 | 15/16 | 42 | 123 | 124 | 5/8 X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 457B 40 37 | 40 | 15/16 | 55 | 124 | 132 | 13/16X16 | 7/16 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B 40 37 | 39 | 1- 1/16 | 65 | 132 | 124 | 3/4 X16 | 3/8 | 0 | 1013 | 5210 | 5010 |
| 412B 40 37 | 39 | 1- 1/16 | 46 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 421B 40 37 | 39 | 1- 1/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 430B 40 37 | 39 | 1- 1/16 | 36 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 439B 40 37 | 39 | 1- 1/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 448B 40 37 | 39 | 1- 1/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 457B 40 37 | 39 | 1- 1/16 | 55 | 124 | 132 | 11/16X16 | 3/8 | 0 | 5010 | 5210 | 1013 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B 40 37 | 38 | 1- 1/16 | 65 | 132 | 124 | 3/4 X16 | 3/8 | 0 | 1013 | 5210 | 5010 |
| 412B 40 37 | 38 | 1- 1/16 | 46 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 421B 40 37 | 38 | 1- 1/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 430B 40 37 | 38 | 1- 1/16 | 36 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 439B 40 37 | 38 | 1- 1/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 448B 40 37 | 38 | 1- 1/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 457B 40 37 | 38 | 1- 1/16 | 55 | 124 | 132 | 11/16X16 | 3/8 | 0 | 5010 | 5210 | 1013 |

4-B1-155

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 109B | 40 | 38 | 200 | 147 | 46 | 46 | 102 | 682 | 148 | 50 | 50 | 102 | 682 | 149 | 46 | 46 | 103 | 683 |
| 118B | 40 | 38 | 200 | 150 | 50 | 50 | 103 | 683 | 150 | 50 | 50 | 103 | 683 | 150 | 50 | 50 | 103 | 683 |
| 127B | 40 | 38 | 200 | 150 | 50 | 50 | 103 | 493 | 150 | 50 | 50 | 103 | 493 | 150 | 50 | 50 | 103 | 493 |
| 133B | 40 | 38 | 200 | 151 | 50 | 50 | 103 | 493 | 151 | 50 | 50 | 103 | 493 | 151 | 50 | 50 | 103 | 683 |
| 142B | 40 | 38 | 200 | 150 | 50 | 50 | 103 | 683 | 150 | 50 | 50 | 103 | 683 | 150 | 50 | 50 | 103 | 683 |
| 151B | 40 | 38 | 200 | 149 | 50 | 50 | 103 | 683 | 148 | 50 | 50 | 102 | 682 | 147 | 50 | 50 | 102 | 682 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 109B | 40 | 38 | 40 | 15/16 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 118B | 40 | 38 | 40 | 15/16 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 127B | 40 | 38 | 40 | 15/16 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1411 | 5210 |
| 133B | 40 | 38 | 40 | 15/16 | 42 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5110 |
| 142B | 40 | 38 | 40 | 15/16 | 42 | 124 | 124 | 13/16X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 151B | 40 | 38 | 40 | 15/16 | 42 | 124 | 124 | 13/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 109B | 40 | 38 | 39 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 118B | 40 | 38 | 39 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 127B | 40 | 38 | 39 | 1- 1/16 | 36 | 124 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 1411 | 5210 |
| 133B | 40 | 38 | 39 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5210 | 1411 | 5110 |
| 142B | 40 | 38 | 39 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 151B | 40 | 38 | 39 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

4-81-156

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 209B | 40 | 38 | 200 | 132 | 65 | 65 | 101 | 491 | 132 | 65 | 65 | 101 | 491 | 132 | 65 | 65 | 101 | 491 |
| 218B | 40 | 38 | 200 | 139 | 50 | 50 | 102 | 492 | 139 | 50 | 50 | 102 | 492 | 139 | 50 | 50 | 102 | 492 |
| 227B | 40 | 38 | 200 | 138 | 50 | 50 | 102 | 442 | 138 | 50 | 50 | 102 | 442 | 138 | 50 | 50 | 102 | 442 |
| 233B | 40 | 38 | 200 | 138 | 50 | 50 | 102 | 442 | 138 | 50 | 50 | 102 | 442 | 138 | 55 | 55 | 102 | 442 |
| 242B | 40 | 38 | 200 | 139 | 55 | 55 | 102 | 492 | 139 | 55 | 55 | 102 | 492 | 139 | 55 | 55 | 102 | 492 |
| 251B | 40 | 38 | 200 | 132 | 65 | 65 | 101 | 491 | 132 | 70 | 70 | 101 | 491 | 132 | 70 | 70 | 101 | 491 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 209B | 40 | 38 | 40 | 15/16 | 45 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 218B | 40 | 38 | 40 | 15/16 | 36 | 123 | 123 | 9/16X16 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 227B | 40 | 38 | 40 | 15/16 | 36 | 123 | 122 | 3/8 X16 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 233B | 40 | 38 | 40 | 15/16 | 36 | 122 | 122 | 5/16X16 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 242B | 40 | 38 | 40 | 15/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 251B | 40 | 38 | 40 | 15/16 | 46 | 123 | 123 | 5/8 X16 | 5/16 | 0 | 1212 | 5210 | 5010 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 209B | 40 | 38 | 39 | 1- 1/16 | 42 | 124 | 123 | 9/16X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 218B | 40 | 38 | 39 | 1- 1/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 227B | 40 | 38 | 39 | 1- 1/16 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 233B | 40 | 38 | 39 | 1- 1/16 | 36 | 122 | 122 | 5/16X14 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 242B | 40 | 38 | 39 | 1- 1/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 251B | 40 | 38 | 39 | 1- 1/16 | 45 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1212 | 5210 | 5010 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

4-81-157

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 309B | 40 | 38 | 200 | 147 | 50 | 50 | 102 | 682 | 148 | 50 | 50 | 102 | 682 | 149 | 50 | 50 | 103 | 683 |
| 318B | 40 | 38 | 200 | 150 | 45 | 45 | 103 | 683 | 150 | 45 | 45 | 103 | 683 | 150 | 45 | 45 | 103 | 683 |
| 327B | 40 | 38 | 200 | 150 | 45 | 45 | 103 | 493 | 150 | 45 | 45 | 103 | 493 | 150 | 42 | 42 | 103 | 493 |
| 333B | 40 | 38 | 200 | 151 | 42 | 42 | 103 | 493 | 151 | 42 | 42 | 103 | 493 | 151 | 42 | 42 | 103 | 683 |
| 342B | 40 | 38 | 200 | 150 | 45 | 45 | 103 | 683 | 150 | 46 | 46 | 103 | 683 | 150 | 50 | 50 | 103 | 683 |
| 351B | 40 | 38 | 200 | 149 | 50 | 50 | 103 | 683 | 148 | 50 | 50 | 102 | 682 | 147 | 50 | 50 | 102 | 682 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 309B | 40 | 38 | 40 | 15/16 | 42 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |
| 318B | 40 | 38 | 40 | 15/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 327B | 40 | 38 | 40 | 15/16 | 36 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 5110 | 1411 | 5210 |
| 333B | 40 | 38 | 40 | 15/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5110 |
| 342B | 40 | 38 | 40 | 15/16 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 351B | 40 | 38 | 40 | 15/16 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 309B | 40 | 38 | 39 | 1- 1/16 | 36 | 124 | 124 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 318B | 40 | 38 | 39 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 327B | 40 | 38 | 39 | 1- 1/16 | 36 | 124 | 123 | 1/2 X16 | 3/8 | 0 | 5110 | 1411 | 5210 |
| 333B | 40 | 38 | 39 | 1- 1/16 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5210 | 1411 | 5110 |
| 342B | 40 | 38 | 39 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5210 | 1411 |
| 351B | 40 | 38 | 39 | 1- 1/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 1411 | 5210 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

4-81-158

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

EVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 409B | 40 | 38 | 200 | 132 | 70 | 70 | 101 | 491 | 132 | 70 | 70 | 101 | 491 | 132 | 70 | 70 | 101 | 491 |
| 418B | 40 | 38 | 200 | 139 | 55 | 55 | 102 | 492 | 139 | 55 | 55 | 102 | 492 | 139 | 55 | 55 | 102 | 492 |
| 427B | 40 | 38 | 200 | 138 | 55 | 55 | 102 | 442 | 138 | 55 | 55 | 102 | 442 | 138 | 55 | 55 | 102 | 442 |
| 433B | 40 | 38 | 200 | 138 | 50 | 50 | 102 | 442 | 138 | 50 | 50 | 102 | 442 | 138 | 50 | 50 | 102 | 442 |
| 442B | 40 | 38 | 200 | 139 | 45 | 45 | 102 | 492 | 139 | 45 | 45 | 102 | 492 | 139 | 45 | 45 | 102 | 492 |
| 451B | 40 | 38 | 200 | 132 | 60 | 60 | 101 | 491 | 132 | 60 | 60 | 101 | 491 | 132 | 60 | 60 | 101 | 491 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 409B | 40 | 38 | 40 | 15/16 | 50 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 418B | 40 | 38 | 40 | 15/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 427B | 40 | 38 | 40 | 15/16 | 36 | 122 | 122 | 3/8 X16 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 433B | 40 | 38 | 40 | 15/16 | 36 | 122 | 122 | 3/8 X16 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 442B | 40 | 38 | 40 | 15/16 | 36 | 123 | 123 | 9/16X16 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 451B | 40 | 38 | 40 | 15/16 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1212 | 5210 | 5010 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 409B | 40 | 38 | 39 | 1- 1/16 | 46 | 124 | 123 | 9/16X16 | 3/8 | 0 | 5010 | 5210 | 1212 |
| 418B | 40 | 38 | 39 | 1- 1/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 427B | 40 | 38 | 39 | 1- 1/16 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 433B | 40 | 38 | 39 | 1- 1/16 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 442B | 40 | 38 | 39 | 1- 1/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 451B | 40 | 38 | 39 | 1- 1/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 1212 | 5210 | 5010 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
STATE OF THE STATE OF NEW YORK

4-B1-159

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER. | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 200B | 40 | 38 | 210 | 141 | 65 | 65 | 102 | 692 | 541 | 70 | 70 | 0 | 0 | 137 | 70 | 70 | 102 | 692 |
| 400B | 40 | 38 | 210 | 141 | 70 | 70 | 102 | 692 | 541 | 75 | 75 | 0 | 0 | 137 | 75 | 75 | 102 | 692 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 200B | 40 | 38 | 40 | 15/16 | 50 | 132 | 132 | 1- 1/16X16 | 1/2 | 5/16 | 1313 | 5010 | 5610 |
| 400B | 40 | 38 | 40 | 15/16 | 55 | 132 | 132 | 1- 1/16X16 | 1/2 | 5/16 | 1313 | 5010 | 5610 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 200B | 40 | 38 | 39 | 1- 1/16 | 50 | 132 | 132 | 15/16X16 | 1/2 | 5/16 | 1313 | 5010 | 5610 |
| 400B | 40 | 38 | 39 | 1- 1/16 | 55 | 132 | 132 | 15/16X16 | 1/2 | 5/16 | 1313 | 5010 | 5610 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

4=B1-160

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | FY1 | FY2 | CSU | CSL | COLUMN 2 TYPE | FY1 | FY2 | CSU | CSL | COLUMN 3 TYPE | FY1 | FY2 | CSU | CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 106B 40 39 | 100 | 144 | 50 | 50 | 102 | 682 | 146 | 50 | 50 | 102 | 682 | 147 | 50 | 50 | 102 | 682 |
| 115B 40 39 | 100 | 150 | 50 | 50 | 103 | 683 | 150 | 50 | 50 | 103 | 683 | 150 | 50 | 50 | 103 | 683 |
| 124B 40 39 | 100 | 150 | 50 | 50 | 103 | 683 | 150 | 50 | 50 | 103 | 493 | 150 | 50 | 50 | 103 | 493 |
| 136B 40 39 | 100 | 153 | 50 | 50 | 103 | 683 | 153 | 50 | 50 | 103 | 683 | 153 | 50 | 50 | 103 | 683 |
| 145B 40 39 | 100 | 150 | 50 | 50 | 103 | 683 | 150 | 50 | 50 | 103 | 683 | 150 | 50 | 50 | 103 | 683 |
| 154B 40 39 | 100 | 147 | 50 | 50 | 102 | 682 | 146 | 50 | 50 | 102 | 682 | 144 | 50 | 50 | 102 | 682 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 106B 40 39 | 40 | 15/16 | 36 | 124 | 124 | 13/16X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 115B 40 39 | 40 | 15/16 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 124B 40 39 | 40 | 15/16 | 42 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5110 | 1411 |
| 136B 40 39 | 40 | 15/16 | 42 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 145B 40 39 | 40 | 15/16 | 42 | 124 | 124 | 13/16X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 154B 40 39 | 40 | 15/16 | 36 | 124 | 124 | 7/8 X16 | 7/16 | 0 | 1411 | 5110 | 1311 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

4-81-161

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 206B | 40 | 39 | 100 | 132 | 65 | 65 | 101 | 491 | 132 | 65 | 65 | 101 | 491 | 132 | 65 | 65 | 101 | 491 |
| 215B | 40 | 39 | 100 | 136 | 55 | 55 | 102 | 492 | 138 | 55 | 55 | 102 | 492 | 139 | 55 | 55 | 102 | 492 |
| 224B | 40 | 39 | 100 | 138 | 50 | 50 | 102 | 442 | 138 | 50 | 50 | 102 | 442 | 138 | 50 | 50 | 102 | 442 |
| 236B | 40 | 39 | 100 | 138 | 55 | 55 | 102 | 442 | 138 | 55 | 55 | 102 | 442 | 138 | 55 | 55 | 102 | 442 |
| 245B | 40 | 39 | 100 | 139 | 55 | 55 | 102 | 492 | 138 | 55 | 55 | 102 | 492 | 136 | 60 | 60 | 102 | 492 |
| 254B | 40 | 39 | 100 | 132 | 70 | 70 | 101 | 491 | 132 | 70 | 70 | 101 | 491 | 132 | 70 | 70 | 101 | 491 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SPD FY4 | SPD SCL | SPD SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 206B | 40 | 39 | 40 | 15/16 | 45 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |
| 215B | 40 | 39 | 40 | 15/16 | 42 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 1212 | 5510 | 5110 |
| 224B | 40 | 39 | 40 | 15/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 236B | 40 | 39 | 40 | 15/16 | 36 | 122 | 123 | 3/8 X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 245B | 40 | 39 | 40 | 15/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 254B | 40 | 39 | 40 | 15/16 | 46 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
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UNIVERSITY OF THE STATE OF NEW YORK

4-B1-162

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 306B | 40 | 39 | 100 | 144 | 55 | 55 | 102 | 492 | 146 | 50 | 50 | 102 | 492 | 147 | 50 | 50 | 102 | 682 |
| 315B | 40 | 39 | 100 | 150 | 46 | 46 | 103 | 683 | 150 | 46 | 46 | 103 | 683 | 150 | 45 | 45 | 103 | 683 |
| 324B | 40 | 39 | 100 | 150 | 45 | 45 | 103 | 493 | 150 | 42 | 42 | 103 | 493 | 150 | 42 | 42 | 103 | 493 |
| 336B | 40 | 39 | 100 | 153 | 42 | 42 | 103 | 683 | 153 | 42 | 42 | 103 | 683 | 153 | 42 | 42 | 103 | 683 |
| 345B | 40 | 39 | 100 | 150 | 50 | 50 | 103 | 683 | 150 | 50 | 50 | 103 | 683 | 150 | 50 | 50 | 103 | 683 |
| 354B | 40 | 39 | 100 | 147 | 55 | 55 | 102 | 682 | 146 | 55 | 55 | 102 | 682 | 144 | 55 | 55 | 102 | 682 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 306B | 40 | 39 | 40 | 15/16 | 36 | 124 | 124 | 13/16X16 | 7/16 | 0 | 1311 | 5110 | 1411 |
| 315B | 40 | 39 | 40 | 15/16 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 324B | 40 | 39 | 40 | 15/16 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 1411 | 5110 | 1411 |
| 336B | 40 | 39 | 40 | 15/16 | 36 | 124 | 124 | 3/4 X16 | 1/2 | 0 | 1411 | 5110 | 1411 |
| 345B | 40 | 39 | 40 | 15/16 | 42 | 124 | 124 | 13/16X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| 354B | 40 | 39 | 40 | 15/16 | 42 | 124 | 124 | 13/16X16 | 7/16 | 0 | 1411 | 5110 | 1311 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
LICENSED BY THE STATE OF NEW YORK

4-81-163

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 406B | 40 | 39 | 100 | 132 | 70 | 70 | 101 | 491 | 132 | 70 | 70 | 101 | 491 | 132 | 70 | 70 | 101 | 491 |
| 415B | 40 | 39 | 100 | 136 | 60 | 60 | 102 | 492 | 138 | 60 | 60 | 102 | 492 | 139 | 55 | 55 | 102 | 492 |
| 424B | 40 | 39 | 100 | 138 | 55 | 55 | 102 | 442 | 138 | 55 | 55 | 102 | 442 | 138 | 55 | 55 | 102 | 442 |
| 436B | 40 | 39 | 100 | 138 | 50 | 50 | 102 | 442 | 138 | 46 | 46 | 102 | 442 | 138 | 46 | 46 | 102 | 442 |
| 445B | 40 | 39 | 100 | 139 | 45 | 45 | 102 | 492 | 138 | 45 | 45 | 102 | 492 | 136 | 50 | 50 | 102 | 492 |
| 454B | 40 | 39 | 100 | 132 | 65 | 65 | 101 | 491 | 132 | 65 | 65 | 101 | 491 | 132 | 65 | 65 | 101 | 491 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 406B | 40 | 39 | 40 | 15/16 | 50 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |
| 415B | 40 | 39 | 40 | 15/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 424B | 40 | 39 | 40 | 15/16 | 42 | 123 | 122 | 7/16X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 436B | 40 | 39 | 40 | 15/16 | 36 | 122 | 123 | 7/16X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 445B | 40 | 39 | 40 | 15/16 | 36 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 454B | 40 | 39 | 40 | 15/16 | 45 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1212 | 5110 |

LICENSED PROFESSIONAL ENGINEER
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4-B1-164

**SKILLING, HELLE, CHRISTIANSEN, ROBERTSON** — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 5-14-69

REVISIONS

| | PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| | 100B 40 39 | 120 | 138 | 65 | 65 | 102 | 692 | 541 | 65 | 65 | 122 | 0 | 141 | 65 | 65 | 102 | 692 |
| 4 | 300B 40 39 | 120 | 138 | 70 | 70 | 102 | 692 | 541 | 70 | 70 | 122 | (0) | 141 | 70 | 70 | 102 | 692 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| | 100B 40 39 | 40 | 15/16 | 50 | 132 | 132 | 1- 1/16X16 | 1/2 | 5/16 | 5410 | 5010 | 1313 |
| | 300B 40 39 | 40 | 15/16 | 50 | 132 | 132 | 1 X16 | 1/2 | 5/16 | 5410 | 5010 | 1313 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 24850 — STATE OF NEW YORK

4-B1-165

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 103B | 43 | 40 | 400 | 339 | 70 | 70 | 102 | 102 | 342 | 60 | 60 | 102 | 102 | 345 | 60 | 60 | 102 | 102 |
| 106B | 43 | 40 | 400 | 347 | 55 | 55 | 102 | 102 | 349 | 55 | 55 | 102 | 102 | 350 | 55 | 55 | 102 | 102 |
| 109B | 43 | 40 | 400 | 352 | 55 | 55 | 102 | 102 | 353 | 55 | 55 | 102 | 102 | 354 | 55 | 55 | 102 | 103 |
| 112B | 43 | 40 | 400 | 354 | 55 | 55 | 102 | 102 | 354 | 55 | 55 | 102 | 102 | 354 | 55 | 55 | 102 | 102 |
| 115B | 43 | 40 | 400 | 354 | 55 | 55 | 102 | 103 | 354 | 55 | 55 | 102 | 103 | 354 | 55 | 55 | 102 | 103 |
| 118B | 43 | 40 | 400 | 354 | 55 | 55 | 102 | 103 | 354 | 55 | 55 | 102 | 103 | 354 | 55 | 55 | 102 | 103 |
| 121B | 43 | 40 | 400 | 354 | 55 | 55 | 102 | 102 | 354 | 55 | 55 | 102 | 102 | 354 | 55 | 55 | 102 | 102 |
| 124B | 43 | 40 | 400 | 354 | 55 | 55 | 102 | 103 | 354 | 55 | 55 | 102 | 103 | 354 | 60 | 60 | 102 | 103 |
| 127B | 43 | 40 | 400 | 355 | 55 | 55 | 102 | 103 | 355 | 60 | 60 | 102 | 103 | 355 | 60 | 60 | 102 | 103 |
| 130B | 43 | 40 | 400 | 356 | 55 | 55 | 102 | 103 | 356 | 55 | 55 | 102 | 103 | 356 | 60 | 60 | 103 | 103 |

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 103B | 43 | 40 | 43 | 15/16 | 55 | 415 | 404 | 1- 1/8 X16 | 3/8 | 0 | 7020 | 7020 | 6220 |
| | 106B | 43 | 40 | 43 | 15/16 | 36 | 404 | 404 | 15/16X16 | 3/8 | 0 | 4524 | 6120 | 4424 |
| | 109B | 43 | 40 | 43 | 15/16 | 36 | 404 | 404 | 1 X16 | 3/8 | 0 | 6220 | 4424 | 6220 |
| 2 | 112B | 43 | 40 | 43 | 15/16 | 36 | 404 | 404 | 1 X16 | 1/2 | 0 | 4424 | 6220 | 4424 |
| | 115B | 43 | 40 | 43 | 15/16 | 36 | 404 | 404 | 1 X16 | 1/2 | 0 | 6120 | 4424 | 6120 |
| 2 | 118B | 43 | 40 | 43 | 15/16 | 36 | 404 | 404 | 1 X16 | 1/2 | 0 | 4424 | 6220 | 4424 |
| 2 | 121B | 43 | 40 | 43 | 15/16 | 36 | 404 | 404 | 1 X16 | 1/2 | 0 | 6220 | 4424 | 6220 |
| | 124B | 43 | 40 | 43 | 15/16 | 42 | 404 | 404 | 15/16X16 | 1/2 | 0 | 4424 | 6120 | 4424 |
| 2 | 127B | 43 | 40 | 43 | 15/16 | 42 | 404 | 404 | 15/16X16 | 1/2 | 0 | 6120 | 4424 | 6220 |
| | 130B | 43 | 40 | 43 | 15/16 | 42 | 404 | 404 | 15/16X16 | 1/2 | 0 | 4424 | 6220 | 4424 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 103B | 43 | 40 | 41 | 15/16 | 55 | 416 | 404 | 1- 3/16X16 | 3/8 | 0 | 7020 | 6020 | 6320 |
| 106B | 43 | 40 | 41 | 15/16 | 42 | 404 | 404 | 1 X16 | 3/8 | 0 | 4524 | 6120 | 4424 |
| 109B | 43 | 40 | 41 | 15/16 | 45 | 404 | 405 | 1- 1/16X16 | 3/8 | 0 | 6120 | 4424 | 6220 |
| 112B | 43 | 40 | 41 | 15/16 | 46 | 405 | 405 | 1- 1/16X16 | 1/2 | 0 | 4424 | 6120 | 4424 |
| 115B | 43 | 40 | 41 | 15/16 | 50 | 405 | 405 | 1- 1/16X16 | 1/2 | 0 | 6120 | 4424 | 6120 |
| 118B | 43 | 40 | 41 | 15/16 | 50 | 405 | 404 | 1- 1/16X16 | 1/2 | 0 | 4424 | 6120 | 4424 |
| 121B | 43 | 40 | 41 | 15/16 | 50 | 404 | 404 | 1 X16 | 1/2 | 0 | 6220 | 4424 | 6120 |
| 124B | 43 | 40 | 41 | 15/16 | 50 | 404 | 404 | 1 X16 | 1/2 | 0 | 4424 | 6120 | 4424 |
| 127B | 43 | 40 | 41 | 15/16 | 50 | 404 | 404 | 15/16X16 | 1/2 | 0 | 6120 | 4424 | 6120 |
| 130B | 43 | 40 | 41 | 15/16 | 55 | 404 | 404 | 15/16X16 | 1/2 | 0 | 4424 | 6220 | 4524 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — STATE OF NEW YORK

4-51-166

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

EVISIONS

| | PANEL NUMBER | | | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 133B | 43 | 40 | 400 | 356 | 60 | 60 | 103 | 103 | 356 | 60 | 60 | 103 | 103 | 356 | 60 | 60 | 103 | 103 |
| | 136B | 43 | 40 | 400 | 356 | 60 | 60 | 103 | 103 | 356 | 60 | 60 | 103 | 103 | 356 | 60 | 60 | 103 | 103 |
| | 139B | 43 | 40 | 400 | 356 | 55 | 55 | 103 | 103 | 356 | 55 | 55 | 103 | 103 | 356 | 55 | 55 | 102 | 103 |
| | 142B | 43 | 40 | 400 | 356 | 55 | 55 | 102 | 103 | 355 | 60 | 60 | 102 | 103 | 355 | 55 | 55 | 102 | 103 |
| | 145B | 43 | 40 | 400 | 355 | 55 | 55 | 102 | 103 | 354 | 55 | 55 | 102 | 103 | 354 | 55 | 55 | 102 | 103 |
| | 148B | 43 | 40 | 400 | 354 | 55 | 55 | 102 | 102 | 354 | 55 | 55 | 102 | 102 | 354 | 55 | 55 | 102 | 102 |
| | 151B | 43 | 40 | 400 | 354 | 55 | 55 | 102 | 103 | 353 | 55 | 55 | 102 | 102 | 352 | 55 | 55 | 102 | 102 |
| | 154B | 43 | 40 | 400 | 350 | 55 | 55 | 102 | 102 | 349 | 60 | 60 | 102 | 102 | 347 | 60 | 60 | 102 | 102 |
| | 157B | 43 | 40 | 400 | 345 | 60 | 60 | 102 | 102 | 342 | 65 | 65 | 102 | 102 | 339 | 75 | 75 | 102 | 102 |

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 133B | 43 | 40 | 43 | 15/16 | 42 | 404 | 404 | 1 X16 | 1/2 | 0 | 6220 | 4424 | 6120 |
| | 136B | 43 | 40 | 43 | 15/16 | 42 | 404 | 404 | 1 X16 | 1/2 | 0 | 4324 | 6120 | 4324 |
| 2 | 139B | 43 | 40 | 43 | 15/16 | 42 | 404 | 405 | 1- 1/16X16 | 1/2 | 0 | 6220 | 4324 | 6220 |
| 2 | 142B | 43 | 40 | 43 | 15/16 | 42 | 405 | 405 | 1- 1/8 X16 | 1/2 | 0 | 4324 | 6220 | 4324 |
| | 145B | 43 | 40 | 43 | 15/16 | 42 | 405 | 405 | 1- 1/16X16 | 1/2 | 0 | 6120 | 4324 | 6120 |
| | 148B | 43 | 40 | 43 | 15/16 | 42 | 405 | 405 | 1- 1/16X16 | 1/2 | 0 | 4324 | 6220 | 4324 |
| | 151B | 43 | 40 | 43 | 15/16 | 36 | 405 | 405 | 1- 1/16X16 | 3/8 | 0 | 6220 | 4424 | 6220 |
| | 154B | 43 | 40 | 43 | 15/16 | 36 | 405 | 404 | 1 X16 | 3/8 | 0 | 4424 | 6120 | 4524 |
| 2 | 157B | 43 | 40 | 43 | 15/16 | 55 | 404 | 416 | 1- 3/16X16 | 3/8 | 0 | 6220 | 7020 | 7020 |

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 133B | 43 | 40 | 41 | 15/16 | 55 | 404 | 404 | 1 X16 | 1/2 | 0 | 6120 | 4424 | 6120 |
| | 136B | 43 | 40 | 41 | 15/16 | 55 | 404 | 405 | 1- 1/16X16 | 1/2 | 0 | 4424 | 6120 | 4524 |
| 2 | 139B | 43 | 40 | 41 | 15/16 | 55 | 405 | 405 | 1- 1/8 X16 | 1/2 | 0 | 6120 | 4524 | 6220 |
| | 142B | 43 | 40 | 41 | 15/16 | 50 | 405 | 405 | 1- 1/8 X16 | 1/2 | 0 | 4424 | 6120 | 4424 |
| | 145B | 43 | 40 | 41 | 15/16 | 50 | 405 | 405 | 1- 1/8 X16 | 1/2 | 0 | 6120 | 4424 | 6120 |
| 2 | 148B | 43 | 40 | 41 | 15/16 | 50 | 405 | 405 | 1- 1/8 X16 | 1/2 | 0 | 4424 | 6120 | 4424 |
| 2 | 151B | 43 | 40 | 41 | 15/16 | 46 | 405 | 405 | 1- 1/8 X16 | 3/8 | 0 | 6220 | 4424 | 6120 |
| | 154B | 43 | 40 | 41 | 15/16 | 45 | 405 | 405 | 1- 1/16X16 | 3/8 | 0 | 4424 | 6120 | 4524 |
| 2 | 157B | 43 | 40 | 41 | 15/16 | 60 | 405 | 416 | 1- 1/4 X16 | 3/8 | 0 | 6320 | 6020 | 7020 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — STATE OF NEW YORK

4-31-167

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — **Civil & Structural Engineers**

| PROJECT | TITLE | DATE |
|---|---|---|
| THE WORLD TRADE CENTER | EXTERIOR WALL PANEL SCHEDULE | 12-5-67 |

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 203B 43 40 | 400 | 333 | 100 | 100 | 101 | 101 | 334 | 80 | 80 | 101 | 101 | 334 | 80 | 80 | 101 | 101 |
| 206B 43 40 | 400 | 334 | 80 | 80 | 101 | 101 | 334 | 80 | 80 | 101 | 101 | 335 | 75 | 75 | 101 | 101 |
| 209B 43 40 | 400 | 335 | 75 | 75 | 101 | 101 | 335 | 75 | 75 | 101 | 101 | 335 | 75 | 75 | 101 | 101 |
| 212B 43 40 | 400 | 335 | 75 | 75 | 101 | 101 | 336 | 75 | 75 | 101 | 101 | 337 | 70 | 70 | 102 | 102 |
| 215B 43 40 | 400 | 338 | 70 | 70 | 102 | 102 | 341 | 60 | 60 | 102 | 102 | 342 | 60 | 60 | 102 | 102 |
| 218B 43 40 | 400 | 343 | 60 | 60 | 102 | 102 | 343 | 60 | 60 | 102 | 102 | 343 | 60 | 60 | 102 | 102 |
| 221B 43 40 | 400 | 343 | 60 | 60 | 102 | 102 | 342 | 60 | 60 | 102 | 102 | 341 | 60 | 60 | 102 | 102 |
| 224B 43 40 | 400 | 341 | 55 | 55 | 102 | 102 | 341 | 55 | 55 | 102 | 102 | 341 | 55 | 55 | 102 | 102 |
| 227B 43 40 | 400 | 341 | 55 | 55 | 102 | 102 | 341 | 55 | 55 | 102 | 102 | 341 | 55 | 55 | 102 | 102 |
| 230B 43 40 | 400 | 341 | 55 | 55 | 102 | 102 | 341 | 55 | 55 | 102 | 102 | 341 | 60 | 60 | 102 | 102 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPL FY4 | SPL SCL | SPL SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 203B 43 40 | 43 | 15/16 | 60 | 416 | 404 | 1- 1/8 X16 | 3/8 | 0 | 7494 | 6220 | 7010 |
| 206B 43 40 | 43 | 15/16 | 50 | 404 | 404 | 15/16X16 | 5/16 | 0 | 6320 | 7494 | 6320 |
| 209B 43 40 | 43 | 15/16 | 45 | 404 | 404 | 7/8 X16 | 5/16 | 0 | 7010 | 6220 | 7494 |
| 212B 43 40 | 43 | 15/16 | 45 | 404 | 403 | 7/8 X16 | 5/16 | 0 | 6220 | 7010 | 6220 |
| 215B 43 40 | 43 | 15/16 | 42 | 403 | 403 | 13/16X16 | 5/16 | 0 | 7494 | 6320 | 7010 |
| 218B 43 40 | 43 | 15/16 | 36 | 403 | 403 | 13/16X16 | 3/8 | 0 | 4524 | 6220 | 4274 |
| 221B 43 40 | 43 | 15/16 | 36 | 403 | 402 | 11/16X16 | 3/8 | 0 | 6220 | 4274 | 6220 |
| 224B 43 40 | 43 | 15/16 | 36 | 402 | 402 | 5/8 X16 | 3/8 | 0 | 4274 | 6120 | 4274 |
| 227B 43 40 | 43 | 15/16 | 36 | 402 | 401 | 9/16X16 | 3/8 | 0 | 6120 | 4274 | 6220 |
| 230B 43 40 | 43 | 15/16 | 36 | 401 | 401 | 7/16X16 | 3/8 | 0 | 4274 | 6220 | 4274 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPL FY4 | SPL SCL | SPL SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 203B 43 40 | 41 | 15/16 | 75 | 416 | 404 | 1- 1/8 X16 | 3/8 | 0 | 4064 | 6120 | 4064 |
| 2 206B 43 40 | 41 | 15/16 | 55 | 404 | 404 | 1 X16 | 5/16 | 0 | 6120 | 7010 | 6120 |
| 209B 43 40 | 41 | 15/16 | 50 | 404 | 404 | 15/16X16 | 5/16 | 0 | 4064 | 6120 | 7464 |
| 212B 43 40 | 41 | 15/16 | 50 | 404 | 403 | 7/8 X16 | 5/16 | 0 | 6220 | 7464 | 6120 |
| 215B 43 40 | 41 | 15/16 | 46 | 403 | 403 | 7/8 X16 | 5/16 | 0 | 7464 | 6120 | 7364 |
| 218B 43 40 | 41 | 15/16 | 42 | 403 | 403 | 13/16X16 | 3/8 | 0 | 4524 | 6120 | 4274 |
| 221B 43 40 | 41 | 15/16 | 42 | 403 | 402 | 3/4 X16 | 3/8 | 0 | 6220 | 4274 | 6120 |
| 224B 43 40 | 41 | 15/16 | 42 | 402 | 402 | 5/8 X16 | 3/8 | 0 | 4274 | 6120 | 4274 |
| 227B 43 40 | 41 | 15/16 | 42 | 402 | 402 | 9/16X16 | 3/8 | 0 | 6120 | 4274 | 6120 |
| 230B 43 40 | 41 | 15/16 | 42 | 402 | 401 | 1/2 X16 | 3/8 | 0 | 4274 | 6220 | 4274 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
NO. 24360
NEW YORK

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 233B | 43 | 40 | 400 | 341 | 60 | 60 | 102 | 102 | 341 | 60 | 60 | 102 | 102 | 341 | 60 | 60 | 102 | 102 |
| 236B | 43 | 40 | 400 | 341 | 60 | 60 | 102 | 102 | 341 | 60 | 60 | 102 | 102 | 341 | 60 | 60 | 102 | 102 |
| 239B | 43 | 40 | 400 | 341 | 65 | 65 | 102 | 102 | 342 | 65 | 65 | 102 | 102 | 343 | 60 | 60 | 102 | 102 |
| 242B | 43 | 40 | 400 | 343 | 65 | 65 | 102 | 102 | 343 | 65 | 65 | 102 | 102 | 343 | 65 | 65 | 102 | 102 |
| 245B | 43 | 40 | 400 | 342 | 65 | 65 | 102 | 102 | 341 | 65 | 65 | 102 | 102 | 338 | 70 | 70 | 102 | 102 |
| 248B | 43 | 40 | 400 | 337 | 75 | 75 | 102 | 102 | 336 | 75 | 75 | 101 | 101 | 335 | 80 | 80 | 101 | 101 |
| 251B | 43 | 40 | 400 | 335 | 80 | 80 | 101 | 101 | 335 | 80 | 80 | 101 | 101 | 335 | 80 | 80 | 101 | 101 |
| 254B | 43 | 40 | 400 | 335 | 80 | 80 | 101 | 101 | 334 | 85 | 85 | 101 | 101 | 334 | 85 | 85 | 101 | 101 |
| 257B | 43 | 40 | 400 | 334 | 85 | 85 | 101 | 101 | 334 | 85 | 85 | 101 | 101 | 333 | 100 | 100 | 101 | 101 |

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 233B | 43 | 40 | 43 | 15/16 | 36 | 401 | 402 | 1/2 X16 | 3/8 | 0 | 6220 | 4274 | 6120 |
| | 236B | 43 | 40 | 43 | 15/16 | 42 | 402 | 402 | 9/16X16 | 3/8 | 0 | 4274 | 6120 | 4324 |
| 2 | 239B | 43 | 40 | 43 | 15/16 | 36 | 402 | 402 | 5/8 X16 | 3/8 | 0 | 6220 | 7354 | 6220 |
| 2 | 242B | 43 | 40 | 43 | 15/16 | 42 | 402 | 403 | 3/4 X16 | 3/8 | 0 | 7354 | 6220 | 4524 |
| | 245B | 43 | 40 | 43 | 15/16 | 42 | 403 | 403 | 3/4 X16 | 5/16 | 0 | 7010 | 6320 | 7494 |
| | 248B | 43 | 40 | 43 | 15/16 | 45 | 403 | 403 | 13/16X16 | 5/16 | 0 | 6220 | 7010 | 6220 |
| | 251B | 43 | 40 | 43 | 15/16 | 45 | 403 | 403 | 13/16X16 | 5/16 | 0 | 7494 | 6220 | 7010 |
| | 254B | 43 | 40 | 43 | 15/16 | 50 | 403 | 404 | 7/8 X16 | 5/16 | 0 | 6320 | 7494 | 6320 |
| | 257B | 43 | 40 | 43 | 15/16 | 65 | 404 | 415 | 1 X16 | 5/16 | 0 | 7010 | 6220 | 7494 |

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 233B | 43 | 40 | 41 | 15/16 | 42 | 401 | 402 | 1/2 X16 | 3/8 | 0 | 6120 | 4274 | 6120 |
| | 236B | 43 | 40 | 41 | 15/16 | 42 | 402 | 402 | 9/16X16 | 3/8 | 0 | 4274 | 6120 | 4274 |
| | 239B | 43 | 40 | 41 | 15/16 | 42 | 402 | 402 | 11/16X16 | 3/8 | 0 | 6120 | 4274 | 6220 |
| | 242B | 43 | 40 | 41 | 15/16 | 45 | 402 | 403 | 3/4 X16 | 3/8 | 0 | 4274 | 6120 | 4524 |
| | 245B | 43 | 40 | 41 | 15/16 | 50 | 403 | 403 | 13/16X16 | 5/16 | 0 | 7364 | 6120 | 7464 |
| | 248B | 43 | 40 | 41 | 15/16 | 55 | 403 | 403 | 13/16X16 | 5/16 | 0 | 6120 | 7464 | 6220 |
| | 251B | 43 | 40 | 41 | 15/16 | 55 | 403 | 404 | 7/8 X16 | 5/16 | 0 | 7464 | 6120 | 4064 |
| 2 | 254B | 43 | 40 | 41 | 15/16 | 60 | 404 | 404 | 7/8 X16 | 5/16 | 0 | 6120 | 7010 | 6120 |
| | 257B | 43 | 40 | 41 | 15/16 | 75 | 404 | 415 | 1- 1/16X16 | 5/16 | 0 | 4064 | 6120 | 4064 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — NEW YORK

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — **Civil & Structural Engineers**

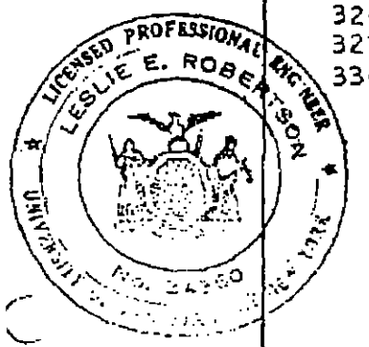
PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3036 43 40 | 400 | 339 | 80 | 80 | 102 | 102 | 342 | 70 | 70 | 102 | 102 | 345 | 65 | 65 | 102 | 102 |
| 306B 43 40 | 400 | 347 | 60 | 60 | 102 | 102 | 349 | 60 | 60 | 102 | 102 | 350 | 60 | 60 | 102 | 102 |
| 309B 43 40 | 400 | 352 | 55 | 55 | 102 | 102 | 353 | 55 | 55 | 102 | 102 | 354 | 55 | 55 | 102 | 103 |
| 312B 43 40 | 400 | 354 | 55 | 55 | 102 | 102 | 354 | 55 | 55 | 102 | 102 | 354 | 55 | 55 | 102 | 102 |
| 315B 43 40 | 400 | 354 | 55 | 55 | 102 | 103 | 354 | 55 | 55 | 102 | 103 | 354 | 55 | 55 | 102 | 103 |
| 318B 43 40 | 400 | 354 | 50 | 50 | 102 | 103 | 354 | 50 | 50 | 102 | 103 | 354 | 50 | 50 | 102 | 103 |
| 321B 43 40 | 400 | 354 | 50 | 50 | 102 | 102 | 354 | 50 | 50 | 102 | 102 | 354 | 50 | 50 | 102 | 102 |
| 324B 43 40 | 400 | 354 | 50 | 50 | 102 | 103 | 354 | 50 | 50 | 102 | 103 | 354 | 50 | 50 | 102 | 103 |
| 327B 43 40 | 400 | 355 | 50 | 50 | 102 | 103 | 355 | 50 | 50 | 102 | 103 | 355 | 50 | 50 | 102 | 103 |
| 330B 43 40 | 400 | 356 | 50 | 50 | 102 | 103 | 356 | 50 | 50 | 102 | 103 | 356 | 50 | 50 | 103 | 103 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 303B 43 40 | 43 | 15/16 | 55 | 415 | 404 | 1- 1/8 X16 | 5/16 | 0 | 7020 | (7020) | 6220 |
| | 306B 43 40 | 43 | 15/16 | 36 | 404 | 404 | 15/16X16 | 3/8 | 0 | 4524 | 6120 | 4424 |
| | 309B 43 40 | 43 | 15/16 | 36 | 404 | 404 | 15/16X16 | 3/8 | 0 | 6220 | 4424 | 6220 |
| 2 | 3125 43 40 | 43 | 15/16 | 36 | 404 | 404 | 1 X16 | 1/2 | 0 | 4424 | (6220) | 4424 |
| | 315B 43 40 | 43 | 15/16 | 36 | 404 | 404 | 1 X16 | 1/2 | 0 | 6120 | 4424 | 6120 |
| 2 | 318B 43 40 | 43 | 15/16 | 36 | 404 | 404 | 1 X16 | 1/2 | 0 | 4424 | (6220) | 4424 |
| 2 | 321B 43 40 | 43 | 15/16 | 36 | 404 | 404 | 15/16X16 | 1/2 | 0 | 6220 | 4424 | (6220) |
| | 324B 43 40 | 43 | 15/16 | 36 | 404 | 404 | 15/16X16 | 1/2 | 0 | 4424 | 6120 | 4424 |
| 2 | 327B 43 40 | 43 | 15/16 | 36 | 404 | 403 | 7/8 X16 | 1/2 | 0 | 6120 | 4424 | (6220) |
| | 330B 43 40 | 43 | 15/16 | 36 | 403 | 404 | 7/8 X16 | 1/2 | 0 | 4424 | 6220 | 4424 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3036 43 40 | 41 | 15/16 | 65 | 415 | 404 | 1- 1/8 X16 | 3/8 | 0 | 7020 | 6020 | 6320 |
| 306B 43 40 | 41 | 15/16 | 45 | 404 | 404 | 15/16X16 | 3/8 | 0 | 4524 | 6120 | 4424 |
| 309B 43 40 | 41 | 15/16 | 46 | 404 | 404 | 1 X16 | 3/8 | 0 | 6120 | 4424 | 6220 |
| 312B 43 40 | 41 | 15/16 | 46 | 404 | 404 | 1 X16 | 1/2 | 0 | 4424 | 6120 | 4424 |
| 315B 43 40 | 41 | 15/16 | 45 | 404 | 404 | 1 X16 | 1/2 | 0 | 6120 | 4424 | 6120 |
| 318B 43 40 | 41 | 15/16 | 45 | 404 | 404 | 1 X16 | 1/2 | 0 | 4424 | 6120 | 4424 |
| 321B 43 40 | 41 | 15/16 | 42 | 404 | 404 | 1 X16 | 1/2 | 0 | 6220 | 4424 | 6120 |
| 324B 43 40 | 41 | 15/16 | 42 | 404 | 404 | 15/16X16 | 1/2 | 0 | 4424 | 6120 | 4424 |
| 327B 43 40 | 41 | 15/16 | 42 | 404 | 404 | 7/8 X16 | 1/2 | 0 | 6120 | 4424 | 6120 |
| 330B 43 40 | 41 | 15/16 | 45 | 404 | 404 | 15/16X16 | 1/2 | 0 | 4424 | 6220 | 4524 |



**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — **Civil & Structural Engineers**

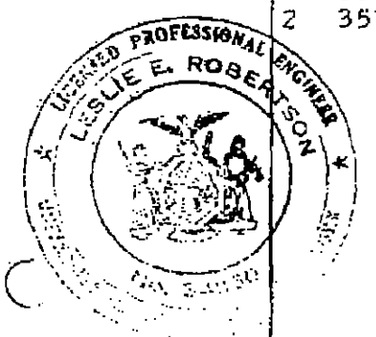
PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | C1 FY1 | C1 FY2 | C1 CSU | C1 CSL | COLUMN 2 TYPE | C2 FY1 | C2 FY2 | C2 CSU | C2 CSL | COLUMN 3 TYPE | C3 FY1 | C3 FY2 | C3 CSU | C3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3338 43 40 | 400 | 356 | 50 | 50 | 103 | 103 | 356 | 50 | 50 | 103 | 103 | 356 | 50 | 50 | 103 | 102 |
| 3368 43 40 | 400 | 356 | 50 | 50 | 103 | 103 | 356 | 50 | 50 | 103 | 103 | 356 | 50 | 50 | 103 | 103 |
| 3398 43 40 | 400 | 356 | 50 | 50 | 103 | 103 | 356 | 50 | 50 | 103 | 103 | 356 | 50 | 50 | 102 | 103 |
| 3428 43 40 | 400 | 356 | 50 | 50 | 102 | 103 | 355 | 55 | 55 | 102 | 103 | 355 | 55 | 55 | 102 | 103 |
| 3458 43 40 | 400 | 355 | 55 | 55 | 102 | 103 | 354 | 55 | 55 | 102 | 103 | 354 | 55 | 55 | 102 | 103 |
| 3488 43 40 | 400 | 354 | 55 | 55 | 102 | 102 | 354 | 55 | 55 | 102 | 102 | 354 | 55 | 55 | 102 | 102 |
| 3518 43 40 | 400 | 354 | 55 | 55 | 102 | 103 | 353 | 60 | 60 | 102 | 102 | 352 | 60 | 60 | 102 | 102 |
| 3548 43 40 | 400 | 350 | 60 | 60 | 102 | 102 | 349 | 65 | 65 | 102 | 102 | 347 | 65 | 65 | 102 | 102 |
| 3578 43 40 | 400 | 345 | 65 | 65 | 102 | 102 | 342 | 70 | 70 | 102 | 102 | 339 | 85 | 85 | 102 | 102 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 3338 43 40 | 43 | 15/16 | 36 | 404 | 404 | 15/16X16 | 1/2 | 0 | 6220 | 4424 | 6120 |
| | 3368 43 40 | 43 | 15/16 | 36 | 404 | 404 | 1 X16 | 1/2 | 0 | 4324 | 6120 | 4324 |
| 2 | 3398 43 40 | 43 | 15/16 | 36 | 404 | 404 | 1- 1/16X16 | 1/2 | 0 | 6220 | 4324 | 6220 |
| 2 | 3428 43 40 | 43 | 15/16 | 36 | 404 | 405 | 1- 1/16X16 | 1/2 | 0 | 4324 | 6220 | 4324 |
| | 3458 43 40 | 43 | 15/16 | 36 | 405 | 405 | 1- 1/16X16 | 1/2 | 0 | 6120 | 4324 | 6120 |
| | 3488 43 40 | 43 | 15/16 | 42 | 405 | 405 | 1- 1/16X16 | 1/2 | 0 | 4324 | 6220 | 4324 |
| | 3518 43 40 | 43 | 15/16 | 42 | 405 | 404 | 1- 1/16X16 | 3/8 | 0 | 6220 | 4424 | 6220 |
| | 3548 43 40 | 43 | 15/16 | 42 | 404 | 404 | 1 X16 | 3/8 | 0 | 4424 | 6120 | 4524 |
| 2 | 3578 43 40 | 43 | 15/16 | 60 | 404 | 416 | 1- 3/16X16 | 3/8 | 0 | 6220 | 7020 | 7020 |

| | PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3338 43 40 | 41 | 15/16 | 45 | 404 | 404 | 1 X16 | 1/2 | 0 | 6120 | 4424 | 6120 |
| | 3368 43 40 | 41 | 15/16 | 45 | 404 | 404 | 1- 1/16X16 | 1/2 | 0 | 4424 | 6120 | 4524 |
| 2 | 3398 43 40 | 41 | 15/16 | 46 | 404 | 405 | 1- 1/16X16 | 1/2 | 0 | 6120 | 4524 | 6220 |
| | 3428 43 40 | 41 | 15/16 | 46 | 405 | 405 | 1- 1/8 X16 | 1/2 | 0 | 4424 | 6120 | 4424 |
| | 3458 43 40 | 41 | 15/16 | 50 | 405 | 405 | 1- 1/8 X16 | 1/2 | 0 | 6120 | 4424 | 6120 |
| 2 | 3488 43 40 | 41 | 15/16 | 50 | 405 | 405 | 1- 1/8 X16 | 1/2 | 0 | 4424 | 6120 | 4424 |
| 2 | 3518 43 40 | 41 | 15/16 | 50 | 405 | 405 | 1- 1/16X16 | 3/8 | 0 | 6220 | 4424 | 6120 |
| | 3548 43 40 | 41 | 15/16 | 50 | 405 | 404 | 1 X16 | 3/8 | 0 | 4424 | 6120 | 4524 |
| 2 | 3578 43 40 | 41 | 15/16 | 65 | 404 | 416 | 1- 3/16X16 | 3/8 | 0 | 6320 | 6020 | 7020 |




4-61-171

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — **Civil & Structural Engineers**

| PROJECT | TITLE | DATE |
|---|---|---|
| THE WORLD TRADE CENTER | EXTERIOR WALL PANEL SCHEDULE | 12-5-67 |

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 4036 | 43 | 40 | 400 | 333 | 100 | 100 | 101 | 101 | 334 | 90 | 90 | 101 | 101 | 334 | 90 | 90 | 101 | 101 |
| 406B | 43 | 40 | 400 | 334 | 90 | 90 | 101 | 101 | 334 | 90 | 90 | 101 | 101 | 335 | 85 | 85 | 101 | 101 |
| 409B | 43 | 40 | 400 | 335 | 85 | 85 | 101 | 101 | 335 | 80 | 80 | 101 | 101 | 335 | 80 | 80 | 101 | 101 |
| 412B | 43 | 40 | 400 | 335 | 80 | 80 | 101 | 101 | 336 | 80 | 80 | 101 | 101 | 337 | 80 | 80 | 102 | 102 |
| 415B | 43 | 40 | 400 | 338 | 75 | 75 | 102 | 102 | 341 | 70 | 70 | 102 | 102 | 342 | 70 | 70 | 102 | 102 |
| 418B | 43 | 40 | 400 | 343 | 65 | 65 | 102 | 102 | 343 | 65 | 65 | 102 | 102 | 343 | 65 | 65 | 102 | 102 |
| 421B | 43 | 40 | 400 | 343 | 65 | 65 | 102 | 102 | 342 | 65 | 65 | 102 | 102 | 341 | 65 | 65 | 102 | 102 |
| 424B | 43 | 40 | 400 | 341 | 65 | 65 | 102 | 102 | 341 | 65 | 65 | 102 | 102 | 341 | 60 | 60 | 102 | 102 |
| 427B | 43 | 40 | 400 | 341 | 60 | 60 | 102 | 102 | 341 | 60 | 60 | 102 | 102 | 341 | 60 | 60 | 102 | 102 |
| 430B | 43 | 40 | 400 | 341 | 60 | 60 | 102 | 102 | 341 | 60 | 60 | 102 | 102 | 341 | 60 | 60 | 102 | 102 |

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| | 4036 | 43 | 40 | 43 | 15/16 | 65 | 415 | 404 | 1- 1/16X16 | 5/16 | 0 | 7494 | 6220 | 7010 |
| | 406B | 43 | 40 | 43 | 15/16 | 50 | 404 | 404 | 15/16X16 | 5/16 | 0 | 6320 | 7494 | 6320 |
| | 409B | 43 | 40 | 43 | 15/16 | 50 | 404 | 403 | 7/8 X16 | 5/16 | 0 | 7010 | 6220 | 7494 |
| | 412B | 43 | 40 | 43 | 15/16 | 46 | 403 | 403 | 13/16X16 | 5/16 | 0 | 6220 | 7010 | 6220 |
| | 415B | 43 | 40 | 43 | 15/16 | 42 | 403 | 403 | 13/16X16 | 5/16 | 0 | 7494 | 6320 | 7010 |
| 2 | 418B | 43 | 40 | 43 | 15/16 | 42 | 403 | 402 | 3/4 X16 | 3/8 | 0 | 4524 | 6220 | (7354) |
| 2 | 421B | 43 | 40 | 43 | 15/16 | 42 | 402 | 402 | 11/16X16 | 3/8 | 0 | 6220 | (7354) | 6220 |
| | 424B | 43 | 40 | 43 | 15/16 | 42 | 402 | 402 | 9/16X16 | 3/8 | 0 | 4324 | 6120 | 4274 |
| | 427B | 43 | 40 | 43 | 15/16 | 42 | 402 | 401 | 1/2 X16 | 3/8 | 0 | 6120 | 4274 | 6220 |
| | 430B | 43 | 40 | 43 | 15/16 | 36 | 401 | 401 | 7/16X16 | 3/8 | 0 | 4274 | 6220 | 4274 |

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| | 4038 | 43 | 40 | 41 | 15/16 | 80 | 416 | 404 | 1- 1/8 X16 | 3/8 | 0 | 4064 | 6120 | 4064 |
| 2 | 406B | 43 | 40 | 41 | 15/16 | 65 | 404 | 404 | 15/16X16 | 5/16 | 0 | 6120 | (7010) | 6120 |
| | 409B | 43 | 40 | 41 | 15/16 | 60 | 404 | 404 | 7/8 X16 | 5/16 | 0 | 4064 | 6120 | 7464 |
| | 412B | 43 | 40 | 41 | 15/16 | 55 | 404 | 403 | 7/8 X16 | 5/16 | 0 | 6220 | 7464 | 6120 |
| | 415B | 43 | 40 | 41 | 15/16 | 50 | 403 | 403 | 13/16X16 | 5/16 | 0 | 7464 | 6120 | 7364 |
| | 418B | 43 | 40 | 41 | 15/16 | 45 | 403 | 403 | 13/16X16 | 3/8 | 0 | 4524 | 6120 | 4274 |
| | 421B | 43 | 40 | 41 | 15/16 | 45 | 403 | 402 | 11/16X16 | 3/8 | 0 | 6220 | 4274 | 6120 |
| | 424B | 43 | 40 | 41 | 15/16 | 45 | 402 | 402 | 5/8 X16 | 3/8 | 0 | 4274 | 6120 | 4274 |
| | 427B | 43 | 40 | 41 | 15/16 | 42 | 402 | 401 | 9/16X16 | 3/8 | 0 | 6120 | 4274 | 6120 |
| | 430B | 43 | 40 | 41 | 15/16 | 42 | 401 | 402 | 1/2 X16 | 3/8 | 0 | 4274 | 6220 | 4274 |

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 433B 43 40 | 400 | 341 | 55 | 55 | 102 | 102 | 341 | 55 | 55 | 102 | 102 | 341 | 55 | 55 | 102 | 102 |
| 436B 43 40 | 400 | 341 | 55 | 55 | 102 | 102 | 341 | 55 | 55 | 102 | 102 | 341 | 50 | 50 | 102 | 102 |
| 439B 43 40 | 400 | 341 | 50 | 50 | 102 | 102 | 342 | 50 | 50 | 102 | 102 | 343 | 50 | 50 | 102 | 102 |
| 442B 43 40 | 400 | 343 | 50 | 50 | 102 | 102 | 343 | 50 | 50 | 102 | 102 | 343 | 50 | 50 | 102 | 102 |
| 445B 43 40 | 400 | 342 | 55 | 55 | 102 | 102 | 341 | 55 | 55 | 102 | 102 | 338 | 60 | 60 | 102 | 102 |
| 448B 43 40 | 400 | 337 | 60 | 60 | 102 | 102 | 336 | 60 | 60 | 101 | 101 | 335 | 65 | 65 | 101 | 101 |
| 451B 43 40 | 400 | 335 | 65 | 65 | 101 | 101 | 335 | 65 | 65 | 101 | 101 | 335 | 65 | 65 | 101 | 101 |
| 454B 43 40 | 400 | 335 | 65 | 65 | 101 | 101 | 334 | 70 | 70 | 101 | 101 | 334 | 70 | 70 | 101 | 101 |
| 457B 43 40 | 400 | 334 | 75 | 75 | 101 | 101 | 334 | 75 | 75 | 101 | 101 | 335 | 85 | 85 | 101 | 101 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 433B 43 40 | 43 | 15/16 | 36 | 401 | 402 | 9/16X16 | 3/8 | 0 | 6220 | 4274 | 6120 |
| 436B 43 40 | 43 | 15/16 | 36 | 402 | 402 | 5/8 X16 | 3/8 | 0 | 4284 | 6120 | 4064 |
| 439B 43 40 | 43 | 15/16 | 36 | 402 | 403 | 11/16X16 | 3/8 | 0 | 6220 | 4064 | 6220 |
| 442B 43 40 | 43 | 15/16 | 36 | 403 | 403 | 3/4 X16 | 3/8 | 0 | 4064 | 6220 | 4524 |
| 445B 43 40 | 43 | 15/16 | 36 | 403 | 403 | 13/16X16 | 5/16 | 0 | 7010 | 6320 | 7494 |
| 448B 43 40 | 43 | 15/16 | 42 | 403 | 403 | 13/16X16 | 5/16 | 0 | 6220 | 7010 | 6220 |
| 451B 43 40 | 43 | 15/16 | 42 | 403 | 404 | 7/8 X16 | 5/16 | 0 | 7494 | 6220 | 7010 |
| 454B 43 40 | 43 | 15/16 | 46 | 404 | 404 | 15/16X16 | 5/16 | 0 | 6320 | 7494 | 6320 |
| 457B 43 40 | 43 | 15/16 | 60 | 404 | 415 | 1- 1/16X16 | 5/16 | 0 | 7010 | 6220 | 7494 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 433B 43 40 | 41 | 15/16 | 42 | 402 | 402 | 9/16X16 | 3/8 | 0 | 6120 | 4274 | 6120 |
| 436B 43 40 | 41 | 15/16 | 36 | 402 | 402 | 5/8 X16 | 3/8 | 0 | 4274 | 6120 | 4274 |
| 439B 43 40 | 41 | 15/16 | 36 | 402 | 403 | 11/16X16 | 3/8 | 0 | 6120 | 4274 | 6220 |
| 442B 43 40 | 41 | 15/16 | 36 | 403 | 403 | 13/16X16 | 3/8 | 0 | 4274 | 6120 | 4524 |
| 445B 43 40 | 41 | 15/16 | 42 | 403 | 403 | 13/16X16 | 5/16 | 0 | 7364 | 6120 | 7464 |
| 448B 43 40 | 41 | 15/16 | 45 | 403 | 404 | 7/8 X16 | 5/16 | 0 | 6120 | 7464 | 6220 |
| 451B 43 40 | 41 | 15/16 | 45 | 404 | 404 | 7/8 X16 | 5/16 | 0 | 7464 | 6120 | 4064 |
| 454B 43 40 | 41 | 15/16 | 50 | 404 | 404 | 15/16X16 | 5/16 | 0 | 6120 | 7010 | 6120 |
| 457B 43 40 | 41 | 15/16 | 65 | 404 | 416 | 1- 1/8 X16 | 5/16 | 0 | 4064 | 6120 | 4064 |

REGISTERED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON

4-01-73

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1008 43 40 | 410 | 340 | 75 | 75 | 102 | 102 | 544 | 75 | 75 | 122 | 122 | 344 | 70 | 70 | 102 | 102 |
| 3008 43 40 | 410 | 340 | 85 | 85 | 102 | 102 | 544 | 85 | 85 | 122 | 122 | 344 | 80 | 80 | 102 | 102 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 100B 43 40 | 43 | 15/16 | 50 | 415 | 415 | 1- 3/8 X16 | 7/16 | 0 | 6620 | 6020 | 6720 |
| 300B 43 40 | 43 | 15/16 | 55 | 415 | 415 | 1- 5/16X16 | 3/8 | 0 | 6620 | 6020 | 6720 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1008 43 40 | 41 | 15/16 | 50 | 416 | 416 | 1- 3/8 X16 | 7/16 | 0 | 6520 | 6020 | 6820 |
| 3008 43 40 | 41 | 15/16 | 60 | 415 | 415 | 1- 3/8 X16 | 3/8 | 0 | 6520 | 6020 | 6820 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

4-81-174

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 200B 43 40 | 420 | 344 | 75 | 75 | 102 | 102 | 444 | 85 | 85 | 0 | 0 | 340 | 85 | 85 | 102 | 102 |
| 400B 43 40 | 420 | 344 | 85 | 85 | 102 | 102 | 444 | 90 | 90 | 0 | 0 | 340 | 90 | 90 | 102 | 102 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 200B 43 40 | 43 | 15/16 | 50 | 416 | 416 | 1- 7/16X16 | 7/16 | 0 | 6520 | 6020 | 6820 |
| 400B 43 40 | 43 | 15/16 | 55 | 416 | 415 | 1- 3/8 X16 | 7/16 | 0 | 6520 | 6020 | 6820 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 200B 43 40 | 41 | 15/16 | 60 | 416 | 416 | 1- 7/16X16 | 7/16 | 0 | 6620 | 6020 | 6720 |
| 400B 43 40 | 41 | 15/16 | 65 | 416 | 416 | 1- 7/16X16 | 7/16 | 0 | 6620 | 6020 | 6720 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 OF THE STATE OF NEW YORK

4-B1-175

**SKILLING, HELLE, CHRISTIANSEN, ROBERTSON** — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 5-14-69

REVISIONS

| | PANEL NUMBER | | | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | 103B | 44 | 43 | 101 | 135 | 65 | 65 | 682 | 102 | 137 | 60 | 60 | 495 | 102 | 139 | 55 | 55 | 495 | 102 |
| 4 | 112B | 44 | 43 | 101 | 147 | 50 | 50 | 495 | 102 | 147 | 50 | 50 | 495 | 102 | 147 | 50 | 50 | 495 | 102 |
| 4 | 121B | 44 | 43 | 101 | 147 | 50 | 50 | 495 | 102 | 147 | 50 | 50 | 495 | 102 | 147 | 50 | 50 | 495 | 102 |
| 4 | 130B | 44 | 43 | 101 | 148 | 50 | 50 | 492 | 102 | 148 | 50 | 50 | 492 | 102 | 149 | 50 | 50 | 495 | 103 |
| | 139B | 44 | 43 | 101 | 149 | 50 | 50 | 682 | 103 | 149 | 50 | 50 | 682 | 103 | 148 | 50 | 50 | 682 | 102 |
| | 148B | 44 | 43 | 101 | 147 | 50 | 50 | 682 | 102 | 147 | 50 | 50 | 682 | 102 | 147 | 50 | 50 | 682 | 102 |
| 4 | 157B | 44 | 43 | 101 | 139 | 55 | 55 | 495 | 102 | 137 | 60 | 60 | 495 | 102 | 135 | 70 | 70 | 685 | 102 |

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 103B | 44 | 43 | 44 | 7/8 | 50 | 132 | 124 | 13/16X16 | 7/16 | 0 | 5110 | 3311 | 5210 |
| | 112B | 44 | 43 | 44 | 7/8 | 42 | 124 | 124 | 11/16X16 | 7/16 | 0 | 3511 | 5210 | 3411 |
| | 121B | 44 | 43 | 44 | 7/8 | 42 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 3411 | 5210 |
| 2 | 130B | 44 | 43 | 44 | 7/8 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 4410 | 5210 | 4410 |
| | 139B | 44 | 43 | 44 | 7/8 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 3411 | 5210 |
| | 148B | 44 | 43 | 44 | 7/8 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 3411 | 5210 | 3511 |
| | 157B | 44 | 43 | 44 | 7/8 | 55 | 124 | 132 | 7/8 X16 | 7/16 | 0 | 5210 | 3311 | 5110 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — STATE OF NEW YORK

4-B1-176

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — **Civil & Structural Engineers**

| PROJECT | TITLE | DATE |
|---|---|---|
| THE WORLD TRADE CENTER | EXTERIOR WALL PANEL SCHEDULE | 12-5-67 |

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 203B | 44 | 43 | 101 | 130 | 80 | 80 | 681 | 101 | 130 | 70 | 70 | 681 | 101 | 131 | 70 | 70 | 681 | 101 |
| 212B | 44 | 43 | 101 | 132 | 65 | 65 | 491 | 101 | 132 | 65 | 65 | 491 | 101 | 133 | 60 | 60 | 491 | 102 |
| 221B | 44 | 43 | 101 | 138 | 50 | 50 | 492 | 102 | 138 | 50 | 50 | 492 | 102 | 137 | 50 | 50 | 492 | 102 |
| 230B | 44 | 43 | 101 | 136 | 50 | 50 | 442 | 102 | 136 | 50 | 50 | 442 | 102 | 136 | 55 | 55 | 442 | 102 |
| 239B | 44 | 43 | 101 | 137 | 55 | 55 | 492 | 102 | 138 | 55 | 55 | 492 | 102 | 138 | 55 | 55 | 492 | 102 |
| 248B | 44 | 43 | 101 | 133 | 65 | 65 | 491 | 102 | 132 | 65 | 65 | 491 | 101 | 132 | 65 | 65 | 491 | 101 |
| 257B | 44 | 43 | 101 | 131 | 70 | 70 | 491 | 101 | 130 | 75 | 75 | 491 | 101 | 130 | 80 | 80 | 681 | 101 |

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| | 203B | 44 | 43 | 44 | 7/8 | 60 | 132 | 124 | 13/16X16 | 7/16 | 0 | 3013 | 5210 | 5010 |
| | 212B | 44 | 43 | 44 | 7/8 | 42 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 5210 | 5010 | 5210 |
| 2 | 221B | 44 | 43 | 44 | 7/8 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | (7440) | 5210 |
| 2 | 230B | 44 | 43 | 44 | 7/8 | 36 | 122 | 122 | 5/16X14 | 5/16 | 0 | (7220) | 5210 | (4540) |
| 2 | 239B | 44 | 43 | 44 | 7/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | (7220) | 5210 |
| | 248B | 44 | 43 | 44 | 7/8 | 45 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| | 257B | 44 | 43 | 44 | 7/8 | 65 | 124 | 132 | 3/4 X16 | 3/8 | 0 | 5010 | 5210 | 3013 |

REGISTERED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
NEW YORK

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 303B 44 43 | 101 | 135 | 70 | 70 | 682 | 102 | 137 | 60 | 60 | 492 | 102 | 139 | 60 | 60 | 492 | 102 |
| 312B 44 43 | 101 | 147 | 50 | 50 | 492 | 102 | 147 | 50 | 50 | 492 | 102 | 147 | 50 | 50 | 492 | 102 |
| 321B 44 43 | 101 | 147 | 45 | 45 | 492 | 102 | 147 | 45 | 45 | 492 | 102 | 147 | 45 | 45 | 492 | 102 |
| 330B 44 43 | 101 | 148 | 45 | 45 | 492 | 102 | 148 | 45 | 45 | 492 | 102 | 149 | 45 | 45 | 492 | 103 |
| 339B 44 43 | 101 | 149 | 45 | 45 | 492 | 103 | 149 | 45 | 45 | 492 | 103 | 148 | 50 | 50 | 682 | 102 |
| 348B 44 43 | 101 | 147 | 50 | 50 | 682 | 102 | 147 | 50 | 50 | 682 | 102 | 147 | 50 | 50 | 682 | 102 |
| 357B 44 43 | 101 | 139 | 60 | 60 | 492 | 102 | 137 | 65 | 65 | 492 | 102 | 135 | 75 | 75 | 682 | 102 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 303B 44 43 | 44 | 7/8 | 55 | 132 | 124 | 13/16X16 | 7/16 | 0 | 5110 | 3311 | 5210 |
| 312B 44 43 | 44 | 7/8 | 42 | 124 | 124 | 11/16X16 | 7/16 | 0 | 3511 | 5210 | 3411 |
| 321B 44 43 | 44 | 7/8 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 3411 | 5210 |
| 330B 44 43 | 44 | 7/8 | 36 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 3411 | 5210 | 3411 |
| 339B 44 43 | 44 | 7/8 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 3411 | 5210 |
| 348B 44 43 | 44 | 7/8 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 3411 | 5210 | 3511 |
| 357B 44 43 | 44 | 7/8 | 60 | 124 | 132 | 7/8 X16 | 7/16 | 0 | 5210 | 3311 | 5110 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
CITY OF THE STATE OF NEW YORK

4-B1-178

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 TYPE | COLUMN 1 FY1 | COLUMN 1 FY2 | COLUMN 1 CSU | COLUMN 1 CSL | COLUMN 2 TYPE | COLUMN 2 FY1 | COLUMN 2 FY2 | COLUMN 2 CSU | COLUMN 2 CSL | COLUMN 3 TYPE | COLUMN 3 FY1 | COLUMN 3 FY2 | COLUMN 3 CSU | COLUMN 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B | 44 | 43 | 101 | 130 | 85 | 85 | 681 | 101 | 130 | 80 | 80 | 681 | 101 | 131 | 75 | 75 | 681 | 101 |
| 412B | 44 | 43 | 101 | 132 | 70 | 70 | 491 | 101 | 132 | 70 | 70 | 491 | 101 | 133 | 65 | 65 | 491 | 102 |
| 421B | 44 | 43 | 101 | 138 | 55 | 55 | 492 | 102 | 138 | 55 | 55 | 492 | 102 | 137 | 55 | 55 | 492 | 102 |
| 430B | 44 | 43 | 101 | 136 | 55 | 55 | 442 | 102 | 136 | 55 | 55 | 442 | 102 | 136 | 55 | 55 | 442 | 102 |
| 439B | 44 | 43 | 101 | 137 | 45 | 45 | 492 | 102 | 138 | 45 | 45 | 492 | 102 | 138 | 45 | 45 | 492 | 102 |
| 448B | 44 | 43 | 101 | 133 | 55 | 55 | 491 | 102 | 132 | 60 | 60 | 491 | 101 | 132 | 60 | 60 | 491 | 101 |
| 457B | 44 | 43 | 101 | 131 | 65 | 65 | 681 | 101 | 130 | 70 | 70 | 681 | 101 | 130 | 75 | 75 | 681 | 101 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B | 44 | 43 | 44 | 7/8 | 70 | 132 | 124 | 13/16X16 | 7/16 | 0 | 3013 | 5210 | 5010 |
| 412B | 44 | 43 | 44 | 7/8 | 46 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 2 421B | 44 | 43 | 44 | 7/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 7220 | 5210 |
| 2 430B | 44 | 43 | 44 | 7/8 | 36 | 122 | 122 | 5/16X14 | 5/16 | 0 | 7230 | 5210 | 7230 |
| 2 439B | 44 | 43 | 44 | 7/8 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 4540 | 5210 |
| 448B | 44 | 43 | 44 | 7/8 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 457B | 44 | 43 | 44 | 7/8 | 60 | 124 | 132 | 3/4 X16 | 3/8 | 0 | 5010 | 5210 | 3013 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF TORONTO NEW YORK

4-61-179

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1008 44 43 | 111 | 135 | 70 | 70 | 692 | 102 | 539 | 70 | 70 | 0 | 122 | 139 | 65 | 65 | 692 | 102 |
| 3008 44 43 | 111 | 135 | 80 | 80 | 682 | 102 | 539 | 80 | 80 | 0 | 122 | 139 | 70 | 70 | 682 | 102 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1008 44 43 | 44 | 7/8 | 50 | 132 | 132 | 1 X16 | 1/2 | 5/16 | 5410 | 5010 | 3313 |
| 3008 44 43 | 44 | 7/8 | 55 | 132 | 132 | 15/16X16 | 1/2 | 5/16 | 5410 | 5010 | 3313 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
CITY OF THE STATE OF NEW YORK

4-B1-180

**SKILLING, HELLE, CHRISTIANSEN, ROBERTSON** — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 5-14-69

REVISIONS

| | PANEL NUMBER | | PANEL TYPE | COLUMN 1 TYPE | FY1 | FY2 | CSU | CSL | COLUMN 2 TYPE | FY1 | FY2 | CSU | CSL | COLUMN 3 TYPE | FY1 | FY2 | CSU | CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | 109B | 45 43 | 201 | 145 | 50 | 50 | 495 | 102 | 146 | 50 | 50 | 495 | 102 | 147 | 50 | 50 | 495 | 102 |
| 4 | 118B | 45 43 | 201 | 147 | 50 | 50 | 495 | 102 | 147 | 55 | 55 | 495 | 102 | 147 | 55 | 55 | 495 | 102 |
| 4 | 127B | 45 43 | 201 | 147 | 55 | 55 | 495 | 102 | 147 | 55 | 55 | 492 | 102 | 147 | 55 | 55 | 492 | 102 |
| 4 | 133B | 45 43 | 201 | 149 | 55 | 55 | 495 | 103 | 149 | 55 | 55 | 495 | 103 | 149 | 55 | 55 | 495 | 103 |
| | 142B | 45 43 | 201 | 148 | 55 | 55 | 682 | 102 | 147 | 55 | 55 | 682 | 102 | 147 | 55 | 55 | 682 | 102 |
| | 151B | 45 43 | 201 | 147 | 50 | 50 | 682 | 102 | 146 | 55 | 55 | 682 | 102 | 145 | 55 | 55 | 682 | 102 |

| | PANEL NUMBER | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 109B | 45 43 | 45 | 7/8 | 36 | 223 | 223 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| | 118B | 45 43 | 45 | 7/8 | 36 | 223 | 223 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 2 | 127B | 45 43 | 45 | 7/8 | 42 | 223 | 223 | 1/2 X16 | 3/8 | 0 | 5110 | 7030 | 5210 |
| 2 | 133B | 45 43 | 45 | 7/8 | 42 | 223 | 223 | 9/16X16 | 3/8 | 0 | 5210 | 7030 | 5110 |
| | 142B | 45 43 | 45 | 7/8 | 42 | 223 | 223 | 5/8 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| | 151B | 45 43 | 45 | 7/8 | 36 | 223 | 223 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |

| | PANEL NUMBER | | FLOOR | SPANDREL PLATE T4 | RY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 109B | 45 43 | 44 | 7/8 | 42 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 3411 | 5210 |
| | 118B | 45 43 | 44 | 7/8 | 42 | 124 | 124 | 11/16X16 | 7/16 | 0 | 3411 | 5210 | 3411 |
| 2 | 127B | 45 43 | 44 | 7/8 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 7030 | 5210 |
| 2 | 133B | 45 43 | 44 | 7/8 | 42 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 7030 | 5110 |
| | 142B | 45 43 | 44 | 7/8 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 3411 | 5210 | 3411 |
| | 151B | 45 43 | 44 | 7/8 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 3411 | 5210 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — 84360 — THE STATE OF NEW YORK

4-81-181

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — **Civil & Structural Engineers**

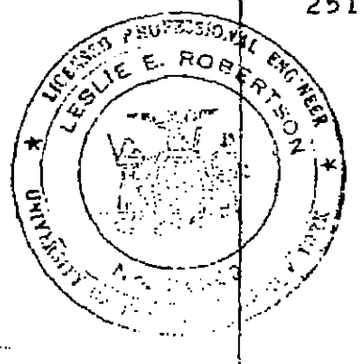
| PROJECT | TITLE | DATE |
|---|---|---|
| THE WORLD TRADE CENTER | EXTERIOR WALL PANEL SCHEDULE | 12-5-67 |

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 209B | 45 | 43 | 201 | 131 | 70 | 70 | 491 | 101 | 131 | 70 | 70 | 491 | 101 | 132 | 70 | 70 | 491 | 101 |
| 218B | 45 | 43 | 201 | 138 | 55 | 55 | 492 | 102 | 138 | 55 | 55 | 492 | 102 | 138 | 55 | 55 | 492 | 102 |
| 227B | 45 | 43 | 201 | 136 | 55 | 55 | 442 | 102 | 136 | 55 | 55 | 442 | 102 | 136 | 55 | 55 | 442 | 102 |
| 233B | 45 | 43 | 201 | 136 | 55 | 55 | 442 | 102 | 136 | 55 | 55 | 442 | 102 | 136 | 55 | 55 | 442 | 102 |
| 242B | 45 | 43 | 201 | 138 | 60 | 60 | 492 | 102 | 138 | 60 | 60 | 492 | 102 | 138 | 60 | 60 | 492 | 102 |
| 251B | 45 | 43 | 201 | 132 | 75 | 75 | 491 | 101 | 131 | 75 | 75 | 491 | 101 | 131 | 75 | 75 | 491 | 101 |

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| | 209B | 45 | 43 | 45 | 7/8 | 50 | 223 | 223 | 9/16X16 | 5/16 | 0 | 5010 | 5210 | 1212 |
| 2 | 218B | 45 | 43 | 45 | 7/8 | 42 | 222 | 222 | 7/16X16 | 5/16 | 0 | (4511) | 5210 | 7321 |
| 2 | 227B | 45 | 43 | 45 | 7/8 | 36 | 221 | 221 | 5/16X14 | 5/16 | 0 | 5110 | (4511) | 5210 |
| | 233B | 45 | 43 | 45 | 7/8 | 42 | 221 | 221 | 5/16X13 | 5/16 | 0 | 5210 | 7441 | 5110 |
| 2 | 242B | 45 | 43 | 45 | 7/8 | 42 | 222 | 222 | 7/16X16 | 5/16 | 0 | 7221 | 5210 | (4511) |
| | 251B | 45 | 43 | 45 | 7/8 | 50 | 222 | 222 | 1/2 X16 | 5/16 | 0 | 1212 | 5210 | 5010 |

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| | 209B | 45 | 43 | 44 | 7/8 | 46 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5010 | 5210 | 3212 |
| 2 | 218B | 45 | 43 | 44 | 7/8 | 36 | 123 | 123 | 9/16X16 | 5/16 | 0 | 4510 | 5210 | (7440) |
| 2 | 227B | 45 | 43 | 44 | 7/8 | 36 | 122 | 122 | 3/8 X16 | 5/16 | 0 | 5110 | (7220) | 5210 |
| 2 | 233B | 45 | 43 | 44 | 7/8 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5210 | (7450) | 5110 |
| 2 | 242B | 45 | 43 | 44 | 7/8 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | (7220) | 5210 | 4510 |
| | 251B | 45 | 43 | 44 | 7/8 | 50 | 123 | 123 | 9/16X16 | 5/16 | 0 | 3212 | 5210 | 5010 |




A-1-182

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 309B 45 43 | 201 | 145 | 55 | 55 | 492 | 102 | 146 | 55 | 55 | 492 | 102 | 147 | 50 | 50 | 492 | 102 |
| 318B 45 43 | 201 | 147 | 50 | 50 | 492 | 102 | 147 | 50 | 50 | 492 | 102 | 147 | 50 | 50 | 492 | 102 |
| 327B 45 43 | 201 | 147 | 45 | 45 | 492 | 102 | 147 | 45 | 45 | 492 | 102 | 147 | 46 | 46 | 492 | 102 |
| 333B 45 43 | 201 | 149 | 45 | 45 | 492 | 103 | 149 | 45 | 45 | 492 | 103 | 149 | 45 | 45 | 492 | 103 |
| 342B 45 43 | 201 | 148 | 50 | 50 | 682 | 102 | 147 | 50 | 50 | 682 | 102 | 147 | 50 | 50 | 682 | 102 |
| 351B 45 43 | 201 | 147 | 55 | 55 | 682 | 102 | 146 | 55 | 55 | 682 | 102 | 145 | 55 | 55 | 682 | 102 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 309B 45 43 | 45 | 7/8 | 36 | 223 | 223 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 318B 45 43 | 45 | 7/8 | 36 | 223 | 223 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 327B 45 43 | 45 | 7/8 | 36 | 223 | 222 | 1/2 X16 | 3/8 | 0 | 5110 | 1411 | 5210 |
| 333B 45 43 | 45 | 7/8 | 36 | 223 | 223 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5110 |
| 342B 45 43 | 45 | 7/8 | 36 | 223 | 223 | 5/8 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 351B 45 43 | 45 | 7/8 | 42 | 223 | 223 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 309B 45 43 | 44 | 7/8 | 42 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 3411 | 5210 |
| 318B 45 43 | 44 | 7/8 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 3411 | 5210 | 3411 |
| 327B 45 43 | 44 | 7/8 | 36 | 124 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 3411 | 5210 |
| 333B 45 43 | 44 | 7/8 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 3411 | 5110 |
| 3428 45 43 | 44 | 7/8 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 3411 | 5210 | 3411 |
| 351B 45 43 | 44 | 7/8 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 3411 | 5210 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — STATE OF NEW YORK

4-81-183

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-6-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4095 | 45 | 43 | 201 | 131 | 80 | 80 | 491 | 101 | 131 | 75 | 75 | 491 | 101 | 132 | 75 | 75 | 491 | 101 |
| 4188 | 45 | 43 | 201 | 138 | 60 | 60 | 492 | 102 | 138 | 60 | 60 | 492 | 102 | 138 | 60 | 60 | 492 | 102 |
| 4278 | 45 | 43 | 201 | 136 | 60 | 60 | 442 | 102 | 136 | 55 | 55 | 442 | 102 | 136 | 55 | 55 | 442 | 102 |
| 4338 | 45 | 43 | 201 | 136 | 55 | 55 | 442 | 102 | 136 | 55 | 55 | 442 | 102 | 136 | 55 | 55 | 442 | 102 |
| 4428 | 45 | 43 | 201 | 138 | 50 | 50 | 492 | 102 | 138 | 50 | 50 | 492 | 102 | 138 | 50 | 50 | 492 | 102 |
| 4518 | 45 | 43 | 201 | 132 | 65 | 65 | 491 | 101 | 131 | 70 | 70 | 491 | 101 | 131 | 70 | 70 | 491 | 101 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4098 | 45 | 43 | 45 | 7/8 | 55 | 223 | 222 | 1/2 X16 | 5/16 | 0 | 5010 | 5210 | 1212 |
| 4188 | 45 | 43 | 45 | 7/8 | 42 | 222 | 222 | 7/16X16 | 5/16 | 0 | 4531 | 5210 | 7241 |
| 4278 | 45 | 43 | 45 | 7/8 | 42 | 221 | 221 | 5/16X14 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 4338 | 45 | 43 | 45 | 7/8 | 42 | 221 | 221 | 5/16X14 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 4428 | 45 | 43 | 45 | 7/8 | 36 | 222 | 222 | 7/16X16 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 4518 | 45 | 43 | 45 | 7/8 | 46 | 222 | 223 | 1/2 X16 | 5/16 | 0 | 1212 | 5210 | 5010 |

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4098 | 45 | 43 | 44 | 7/8 | 50 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 5010 | 5210 | 3212 |
| 2 | 4188 | 45 | 43 | 44 | 7/8 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 4510 | 5210 | 7220 |
| 2 | 4278 | 45 | 43 | 44 | 7/8 | 42 | 122 | 122 | 5/16X16 | 5/16 | 0 | 5110 | 4540 | 5210 |
| 2 | 4338 | 45 | 43 | 44 | 7/8 | 36 | 122 | 122 | 3/8 X16 | 5/16 | 0 | 5210 | 7230 | 5110 |
| 2 | 4428 | 45 | 43 | 44 | 7/8 | 36 | 123 | 123 | 9/16X16 | 5/16 | 0 | 7450 | 5210 | 4540 |
| | 4518 | 45 | 43 | 44 | 7/8 | 45 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 3212 | 5210 | 5010 |

LESLIE E. ROBERTSON — No. 34360 — LICENSED PROFESSIONAL ENGINEER — STATE OF NEW YORK

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 2008 45 43 | 213 | 139 | 75 | 75 | 692 | 102 | 539 | 80 | 80 | 0 | 0 | 135 | 80 | 80 | 691 | 102 |
| 4008 45 43 | 213 | 139 | 80 | 80 | 692 | 102 | 539 | 85 | 85 | 0 | 0 | 135 | 85 | 85 | 691 | 102 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 2008 45 43 | 45 | 7/8 | 55 | 232 | 232 | 7/8 X16 | 3/8 | 0 | 1313 | 5010 | 5610 |
| 4008 45 43 | 45 | 7/8 | 60 | 232 | 232 | 7/8 X16 | 3/8 | 0 | 1313 | 5010 | 5610 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 2008 45 43 | 44 | 7/8 | 50 | 132 | 132 | 1- 1/16X16 | 1/2 | 5/16 | 3313 | 5010 | 5610 |
| 4008 45 43 | 44 | 7/8 | 55 | 132 | 132 | 1 X16 | 1/2 | 5/16 | 3313 | 5010 | 5610 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

4-B1-185

**SKILLING, HELLE, CHRISTIANSEN, ROBERTSON** — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 5-14-69

REVISIONS

| | PANEL NUMBER | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 4 | 106B 46 | 43 | 303 | 141 | 55 | 55 | 495 | 102 | 143 | 55 | 55 | 495 | 102 | 144 | 50 | 50 | 495 | 102 |
| 4 | 115B 46 | 43 | 303 | 147 | 50 | 50 | 495 | 102 | 147 | 50 | 50 | 495 | 102 | 147 | 50 | 50 | 495 | 102 |
| 4 | 124B 46 | 43 | 303 | 147 | 55 | 55 | 495 | 102 | 147 | 55 | 55 | 495 | 102 | 147 | 55 | 55 | 495 | 102 |
| 4 | 136B 46 | 43 | 303 | 149 | 55 | 55 | 495 | 103 | 149 | 55 | 55 | 495 | 103 | 149 | 55 | 55 | 495 | 103 |
| | 145B 46 | 43 | 303 | 147 | 55 | 55 | 682 | 102 | 147 | 55 | 55 | 682 | 102 | 147 | 55 | 55 | 682 | 102 |
| 4 | 154B 46 | 43 | 303 | 144 | 55 | 55 | 495 | 102 | 143 | 55 | 55 | 495 | 102 | 141 | 55 | 55 | 495 | 102 |

| | PANEL NUMBER | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| | 106B 46 | 43 | 46 | 7/8 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1311 | 5110 | 1411 |
| | 115B 46 | 43 | 46 | 7/8 | 36 | 124 | 124 | 9/16X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| | 124B 46 | 43 | 46 | 7/8 | 36 | 124 | 123 | 1/2 X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| | 136B 46 | 43 | 46 | 7/8 | 42 | 124 | 124 | 9/16X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| | 145B 46 | 43 | 46 | 7/8 | 36 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 5110 | 1411 | 5110 |
| | 154B 46 | 43 | 46 | 7/8 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1411 | 5110 | 1311 |

| | PANEL NUMBER | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| | 106B 46 | 43 | 45 | 7/8 | 42 | 223 | 223 | 11/16X16 | 3/8 | 0 | 1311 | 5110 | 1411 |
| | 115B 46 | 43 | 45 | 7/8 | 36 | 223 | 223 | 5/8 X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 2 | 124B 46 | 43 | 45 | 7/8 | 36 | 223 | 223 | 9/16X16 | 3/8 | 0 | 4410 | 5110 | 7030 |
| 2 | 136B 46 | 43 | 45 | 7/8 | 42 | 223 | 223 | 5/8 X16 | 3/8 | 0 | 7030 | 5110 | 4410 |
| | 145B 46 | 43 | 45 | 7/8 | 42 | 223 | 223 | 5/8 X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| | 154B 46 | 43 | 45 | 7/8 | 42 | 223 | 223 | 11/16X16 | 3/8 | 0 | 1411 | 5110 | 1311 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

| | PANEL NUMBER | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| | 106B 46 | 43 | 44 | 7/8 | 36 | 124 | 124 | 13/16X16 | 7/16 | 0 | 3311 | 5110 | 3411 |
| | 115B 46 | 43 | 44 | 7/8 | 42 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5110 | 3411 | 5110 |
| 2 | 124B 46 | 43 | 44 | 7/8 | 42 | 124 | 124 | 5/8 X16 | 7/16 | 0 | 4410 | 5110 | 7030 |
| 2 | 136B 46 | 43 | 44 | 7/8 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 7030 | 5110 | 4410 |
| | 145B 46 | 43 | 44 | 7/8 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 3411 | 5110 |
| | 154B 46 | 43 | 44 | 7/8 | 36 | 124 | 124 | 13/16X16 | 7/16 | 0 | 3411 | 5110 | 3311 |

4-81-186

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 206B | 46 | 43 | 303 | 131 | 70 | 70 | 681 | 101 | 131 | 70 | 70 | 491 | 101 | 131 | 70 | 70 | 491 | 101 |
| 215B | 46 | 43 | 303 | 135 | 60 | 60 | 491 | 102 | 136 | 60 | 60 | 492 | 102 | 137 | 55 | 55 | 492 | 102 |
| 224B | 46 | 43 | 303 | 136 | 55 | 55 | 492 | 102 | 136 | 55 | 55 | 442 | 102 | 136 | 55 | 55 | 442 | 102 |
| 236B | 46 | 43 | 303 | 136 | 55 | 55 | 442 | 102 | 136 | 60 | 60 | 442 | 102 | 136 | 60 | 60 | 442 | 102 |
| 245B | 46 | 43 | 303 | 137 | 60 | 60 | 492 | 102 | 136 | 60 | 60 | 492 | 102 | 135 | 65 | 65 | 491 | 102 |
| 254B | 46 | 43 | 303 | 131 | 75 | 75 | 491 | 101 | 131 | 75 | 75 | 491 | 101 | 131 | 75 | 75 | 491 | 101 |

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| | 206B | 46 | 43 | 46 | 7/8 | 46 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1212 | 5110 |
| | 215B | 46 | 43 | 46 | 7/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| | 224B | 46 | 43 | 46 | 7/8 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 2 | 236B | 46 | 43 | 46 | 7/8 | 42 | 122 | 122 | 5/16X14 | 5/16 | 0 | 1111 | 5110 | 4110 |
| | 245B | 46 | 43 | 46 | 7/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| | 254B | 46 | 43 | 46 | 7/8 | 50 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1212 | 5110 |

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| | 206B | 46 | 43 | 45 | 7/8 | 50 | 223 | 223 | 9/16X16 | 5/16 | 0 | 5110 | 1212 | 5110 |
| | 215B | 46 | 43 | 45 | 7/8 | 42 | 222 | 222 | 1/2 X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| | 224B | 46 | 43 | 45 | 7/8 | 42 | 222 | 221 | 5/16X16 | 5/16 | 0 | 7321 | 5110 | 7321 |
| | 236B | 46 | 43 | 45 | 7/8 | 42 | 221 | 222 | 5/16X15 | 5/16 | 0 | 7441 | 5110 | 4241 |
| | 245B | 46 | 43 | 45 | 7/8 | 45 | 222 | 222 | 7/16X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| | 254B | 46 | 43 | 45 | 7/8 | 50 | 222 | 223 | 1/2 X16 | 5/16 | 0 | 5110 | 1212 | 5110 |

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| | 206B | 46 | 43 | 44 | 7/8 | 46 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 3212 | 5110 |
| | 215B | 46 | 43 | 44 | 7/8 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 3212 | 5510 | 5110 |
| 2 | 224B | 46 | 43 | 44 | 7/8 | 36 | 123 | 122 | 7/16X16 | 5/16 | 0 | 7440 | 5110 | 4510 |
| 2 | 236B | 46 | 43 | 44 | 7/8 | 42 | 122 | 123 | 3/8 X16 | 5/16 | 0 | 7450 | 5110 | 4140 |
| | 245B | 46 | 43 | 44 | 7/8 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 5310 | 3212 |
| | 254B | 46 | 43 | 44 | 7/8 | 50 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 3212 | 5110 |

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 306B 46 43 | 303 | 141 | 60 | 60 | 492 | 102 | 143 | 55 | 55 | 492 | 102 | 144 | 55 | 55 | 492 | 102 |
| 315B 46 43 | 303 | 147 | 50 | 50 | 492 | 102 | 147 | 50 | 50 | 492 | 102 | 147 | 50 | 50 | 492 | 102 |
| 324B 46 43 | 303 | 147 | 45 | 45 | 492 | 102 | 147 | 45 | 45 | 492 | 102 | 147 | 45 | 45 | 492 | 102 |
| 336B 46 43 | 303 | 149 | 46 | 46 | 492 | 103 | 149 | 50 | 50 | 492 | 103 | 149 | 50 | 50 | 492 | 103 |
| 345B 46 43 | 303 | 147 | 55 | 55 | 682 | 102 | 147 | 55 | 55 | 682 | 102 | 147 | 55 | 55 | 682 | 102 |
| 354B 46 43 | 303 | 144 | 55 | 55 | 492 | 102 | 143 | 60 | 60 | 492 | 102 | 141 | 60 | 60 | 492 | 102 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 306B 46 43 | 46 | 7/8 | 42 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 1311 | 5110 | 1411 |
| 315B 46 43 | 46 | 7/8 | 36 | 124 | 124 | 1/2 X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 324B 46 43 | 46 | 7/8 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 336B 46 43 | 46 | 7/8 | 36 | 124 | 124 | 9/16X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 345B 46 43 | 46 | 7/8 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 354B 46 43 | 46 | 7/8 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 306B 46 43 | 45 | 7/8 | 42 | 223 | 223 | 5/8 X16 | 3/8 | 0 | 1311 | 5110 | 1411 |
| 315B 46 43 | 45 | 7/8 | 36 | 223 | 223 | 9/16X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 324B 46 43 | 45 | 7/8 | 36 | 223 | 223 | 1/2 X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 336B 46 43 | 45 | 7/8 | 36 | 223 | 223 | 5/8 X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 345B 46 43 | 45 | 7/8 | 36 | 223 | 223 | 5/8 X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 354B 46 43 | 45 | 7/8 | 42 | 223 | 223 | 11/16X16 | 3/8 | 0 | 1411 | 5110 | 1311 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 306B 46 43 | 44 | 7/8 | 42 | 124 | 124 | 3/4 X16 | 3/8 | 0 | 3311 | 5110 | 3411 |
| 315B 46 43 | 44 | 7/8 | 42 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5110 | 3411 | 5110 |
| 324B 46 43 | 44 | 7/8 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 3411 | 5110 | 3411 |
| 336B 46 43 | 44 | 7/8 | 36 | 124 | 124 | 11/16X16 | 7/16 | 0 | 3411 | 5110 | 3411 |
| 345B 46 43 | 44 | 7/8 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5110 | 3411 | 5110 |
| 354B 46 43 | 44 | 7/8 | 42 | 124 | 124 | 13/16X16 | 7/16 | 0 | 3411 | 5110 | 3311 |

4-B1-1AA

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — **Civil & Structural Engineers**

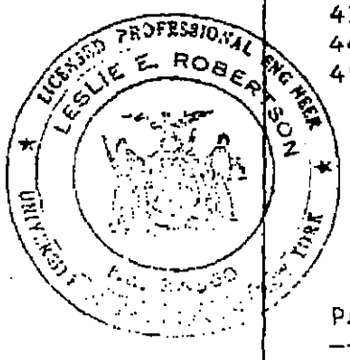
PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 406B 46 43 | 303 | 131 | 80 | 80 | 681 | 101 | 131 | 80 | 80 | 491 | 101 | 131 | 80 | 80 | 491 | 101 |
| 415B 46 43 | 303 | 135 | 65 | 65 | 491 | 102 | 136 | 65 | 65 | 492 | 102 | 137 | 60 | 60 | 492 | 102 |
| 424B 46 43 | 303 | 136 | 60 | 60 | 492 | 102 | 136 | 60 | 60 | 442 | 102 | 136 | 60 | 60 | 442 | 102 |
| 436B 46 43 | 303 | 136 | 55 | 55 | 442 | 102 | 136 | 50 | 50 | 442 | 102 | 136 | 50 | 50 | 492 | 102 |
| 445B 46 43 | 303 | 137 | 50 | 50 | 492 | 102 | 136 | 55 | 55 | 492 | 102 | 135 | 55 | 55 | 491 | 102 |
| 454B 46 43 | 303 | 131 | 70 | 70 | 491 | 101 | 131 | 70 | 70 | 491 | 101 | 131 | 70 | 70 | 681 | 101 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPD FY4 | SPD SCL | SPD SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 406B 46 43 | 46 | 7/8 | 55 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1212 | 5110 |
| 415B 46 43 | 46 | 7/8 | 45 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 2 424B 46 43 | 46 | 7/8 | 42 | 122 | 122 | 5/16X15 | 5/16 | 0 | (4110) | 5110 | 1111 |
| 436B 46 43 | 46 | 7/8 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 445B 46 43 | 46 | 7/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 454B 46 43 | 46 | 7/8 | 45 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPD FY4 | SPD SCL | SPD SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 406B 46 43 | 45 | 7/8 | 55 | 223 | 223 | 9/16X16 | 5/16 | 0 | 5110 | 1212 | 5110 |
| 415B 46 43 | 45 | 7/8 | 45 | 222 | 222 | 1/2 X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 2 424B 46 43 | 45 | 7/8 | 42 | 222 | 221 | 5/16X15 | 5/16 | 0 | (4141) | 5110 | 1111 |
| 436B 46 43 | 45 | 7/8 | 36 | 221 | 222 | 5/16X16 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 445B 46 43 | 45 | 7/8 | 42 | 222 | 222 | 1/2 X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 454B 46 43 | 45 | 7/8 | 46 | 223 | 223 | 9/16X16 | 5/16 | 0 | 5110 | 1212 | 5110 |




| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPD FY4 | SPD SCL | SPD SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 406B 46 43 | 44 | 7/8 | 50 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 3212 | 5110 |
| 415B 46 43 | 44 | 7/8 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 3212 | 5510 | 5110 |
| 2 424B 46 43 | 44 | 7/8 | 42 | 123 | 122 | 3/8 X16 | 5/16 | 0 | (4140) | 5110 | (7450) |
| 2 436B 46 43 | 44 | 7/8 | 36 | 122 | 123 | 7/16X16 | 5/16 | 0 | (7230) | 5110 | (7230) |
| 445B 46 43 | 44 | 7/8 | 36 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 5310 | 3212 |
| 454B 46 43 | 44 | 7/8 | 45 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 3212 | 5110 |

4-61-189

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 100B 46 44 | 212 | 133 | 75 | 75 | 681 | 692 | 536 | 75 | 75 | 0 | 0 | 136 | 70 | 70 | 682 | 692 |
| 300B 46 44 | 212 | 133 | 80 | 80 | 681 | 682 | 536 | 80 | 80 | 0 | 0 | 136 | 75 | 75 | 682 | 682 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 100B 46 44 | 46 | 7/8 | 50 | 132 | 132 | 13/16X16 | 7/16 | 0 | 5410 | 5010 | 1313 |
| 300B 46 44 | 46 | 7/8 | 55 | 132 | 132 | 13/16X16 | 7/16 | 0 | 5410 | 5010 | 1313 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 100B 46 44 | 45 | 7/8 | 50 | 232 | 232 | 7/8 X16 | 3/8 | 0 | 5410 | 5010 | 1313 |
| 300B 46 44 | 45 | 7/8 | 55 | 232 | 232 | 13/16X16 | 3/8 | 0 | 5410 | 5010 | 1313 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
CITY OF THE STATE OF NEW YORK

4-B1-190

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 103B 47 44 | 302 | 133 | 70 | 70 | 681 | 682 | 135 | 60 | 60 | 492 | 492 | 137 | 55 | 55 | 492 | 492 |
| 112B 47 44 | 302 | 144 | 50 | 50 | 492 | 492 | 144 | 50 | 50 | 492 | 492 | 144 | 50 | 50 | 492 | 492 |
| 121B 47 44 | 302 | 144 | 55 | 55 | 492 | 492 | 144 | 55 | 55 | 492 | 492 | 144 | 55 | 55 | 492 | 492 |
| 130B 47 44 | 302 | 144 | 55 | 55 | 492 | 492 | 145 | 55 | 55 | 492 | 492 | 145 | 55 | 55 | 492 | 492 |
| 139B 47 44 | 302 | 145 | 55 | 55 | 492 | 682 | 145 | 55 | 55 | 492 | 682 | 145 | 55 | 55 | 492 | 682 |
| 148B 47 44 | 302 | 144 | 55 | 55 | 682 | 682 | 144 | 55 | 55 | 682 | 682 | 144 | 55 | 55 | 682 | 682 |
| 157B 47 44 | 302 | 137 | 60 | 60 | 492 | 492 | 135 | 60 | 60 | 492 | 492 | 133 | 70 | 70 | 681 | 682 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 103B 47 44 | 47 | 7/8 | 55 | 132 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1311 | 5210 |
| 112B 47 44 | 47 | 7/8 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1511 | 5210 | 1411 |
| 121B 47 44 | 47 | 7/8 | 36 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 130B 47 44 | 47 | 7/8 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 139B 47 44 | 47 | 7/8 | 36 | 124 | 124 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 148B 47 44 | 47 | 7/8 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1411 | 5210 | 1511 |
| 157B 47 44 | 47 | 7/8 | 55 | 124 | 132 | 11/16X16 | 3/8 | 0 | 5210 | 1311 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 103B 47 44 | 46 | 7/8 | 55 | 132 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1311 | 5210 |
| 112B 47 44 | 46 | 7/8 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1511 | 5210 | 1411 |
| 121B 47 44 | 46 | 7/8 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 130B 47 44 | 46 | 7/8 | 36 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 139B 47 44 | 46 | 7/8 | 42 | 124 | 124 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 148B 47 44 | 46 | 7/8 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1411 | 5210 | 1511 |
| 157B 47 44 | 46 | 7/8 | 55 | 124 | 132 | 11/16X16 | 3/8 | 0 | 5210 | 1311 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 103B 47 44 | 45 | 7/8 | 55 | 232 | 223 | 11/16X16 | 5/16 | 0 | 5110 | 1311 | 5210 |
| 112B 47 44 | 45 | 7/8 | 36 | 223 | 223 | 11/16X16 | 3/8 | 0 | 1511 | 5210 | 1411 |
| 121B 47 44 | 45 | 7/8 | 36 | 223 | 223 | 11/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 130B 47 44 | 45 | 7/8 | 42 | 223 | 223 | 5/8 X16 | 3/8 | 0 | 4410 | 5210 | 4410 |
| 139B 47 44 | 45 | 7/8 | 42 | 223 | 223 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 148B 47 44 | 45 | 7/8 | 36 | 223 | 223 | 3/4 X16 | 3/8 | 0 | 1411 | 5210 | 1511 |
| 157B 47 44 | 45 | 7/8 | 55 | 223 | 232 | 3/4 X16 | 3/8 | 0 | 5210 | 1311 | 5110 |

4-81-191

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 203B | 47 | 44 | 302 | 129 | 85 | 85 | 681 | 681 | 129 | 70 | 70 | 681 | 681 | 129 | 70 | 70 | 681 | 681 |
| 212B | 47 | 44 | 302 | 129 | 70 | 70 | 491 | 491 | 130 | 70 | 70 | 491 | 491 | 132 | 65 | 65 | 491 | 491 |
| 221B | 47 | 44 | 302 | 135 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 492 |
| 230B | 47 | 44 | 302 | 134 | 55 | 55 | 442 | 442 | 134 | 55 | 55 | 442 | 442 | 134 | 55 | 55 | 442 | 442 |
| 239B | 47 | 44 | 302 | 135 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 492 | 135 | 60 | 60 | 492 | 492 |
| 248B | 47 | 44 | 302 | 132 | 65 | 65 | 491 | 491 | 130 | 70 | 70 | 491 | 491 | 129 | 75 | 75 | 491 | 491 |
| 257B | 47 | 44 | 302 | 129 | 75 | 75 | 491 | 491 | 129 | 75 | 75 | 491 | 491 | 129 | 85 | 85 | 681 | 681 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 203B | 47 | 44 | 47 | 7/8 | 65 | 132 | 123 | 5/8 X16 | 3/8 | 0 | 1013 | 5210 | 5010 |
| 212B | 47 | 44 | 47 | 7/8 | 46 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 221B | 47 | 44 | 47 | 7/8 | 36 | 123 | 122 | 5/16X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 230B | 47 | 44 | 47 | 7/8 | 36 | 122 | 122 | 5/16X11 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 2 239B | 47 | 44 | 47 | 7/8 | 42 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5210 | 7240 | 5210 |
| 248B | 47 | 44 | 47 | 7/8 | 50 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 257B | 47 | 44 | 47 | 7/8 | 70 | 123 | 132 | 9/16X16 | 3/8 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 203B | 47 | 44 | 46 | 7/8 | 60 | 132 | 123 | 5/8 X16 | 3/8 | 0 | 1013 | 5210 | 5010 |
| 212B | 47 | 44 | 46 | 7/8 | 46 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 221B | 47 | 44 | 46 | 7/8 | 36 | 123 | 122 | 3/8 X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 230B | 47 | 44 | 46 | 7/8 | 36 | 122 | 122 | 5/16X12 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 2 239B | 47 | 44 | 46 | 7/8 | 42 | 122 | 123 | 5/16X15 | 5/16 | 0 | 5210 | 7240 | 5210 |
| 248B | 47 | 44 | 46 | 7/8 | 50 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 257B | 47 | 44 | 46 | 7/8 | 60 | 123 | 132 | 9/16X16 | 3/8 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 203B | 47 | 44 | 45 | 7/8 | 60 | 232 | 223 | 11/16X16 | 5/16 | 0 | 1013 | 5210 | 5010 |
| 212B | 47 | 44 | 45 | 7/8 | 50 | 223 | 222 | 1/2 X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 221B | 47 | 44 | 45 | 7/8 | 42 | 222 | 222 | 3/8 X16 | 5/16 | 0 | 5210 | 7321 | 5210 |
| 230B | 47 | 44 | 45 | 7/8 | 42 | 221 | 221 | 5/16X12 | 5/16 | 0 | 7441 | 5210 | 7441 |
| 239B | 47 | 44 | 45 | 7/8 | 42 | 222 | 222 | 3/8 X16 | 5/16 | 0 | 5210 | 7221 | 5210 |
| 248B | 47 | 44 | 45 | 7/8 | 50 | 222 | 222 | 7/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 257B | 47 | 44 | 45 | 7/8 | 65 | 223 | 232 | 5/8 X16 | 5/16 | 0 | 5010 | 5210 | 1013 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON NEW YORK

4-41-192

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 303B 47 44 | 302 | 133 | 75 | 75 | 491 | 682 | 135 | 60 | 60 | 492 | 492 | 137 | 60 | 60 | 492 | 492 |
| 312B 47 44 | 302 | 144 | 50 | 50 | 492 | 492 | 144 | 50 | 50 | 492 | 492 | 144 | 50 | 50 | 492 | 492 |
| 321B 47 44 | 302 | 144 | 50 | 50 | 492 | 492 | 144 | 46 | 46 | 492 | 492 | 144 | 46 | 46 | 492 | 492 |
| 330B 47 44 | 302 | 144 | 46 | 46 | 492 | 492 | 145 | 45 | 45 | 492 | 492 | 145 | 45 | 45 | 492 | 492 |
| 339B 47 44 | 302 | 145 | 50 | 50 | 492 | 492 | 145 | 50 | 50 | 492 | 492 | 145 | 50 | 50 | 492 | 682 |
| 348B 47 44 | 302 | 144 | 55 | 55 | 492 | 682 | 144 | 55 | 55 | 492 | 682 | 144 | 55 | 55 | 492 | 682 |
| 357B 47 44 | 302 | 137 | 65 | 65 | 492 | 492 | 135 | 65 | 65 | 492 | 492 | 133 | 75 | 75 | 681 | 682 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 303B 47 44 | 47 | 7/8 | 55 | 132 | 123 | 5/8 X16 | 3/8 | 0 | 5110 | 1311 | 5210 |
| 312B 47 44 | 47 | 7/8 | 36 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 1511 | 5210 | 1411 |
| 321B 47 44 | 47 | 7/8 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 330B 47 44 | 47 | 7/8 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 339B 47 44 | 47 | 7/8 | 36 | 124 | 124 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 348B 47 44 | 47 | 7/8 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1411 | 5210 | 1511 |
| 357B 47 44 | 47 | 7/8 | 60 | 124 | 132 | 11/16X16 | 3/8 | 0 | 5210 | 1311 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 303B 47 44 | 46 | 7/8 | 60 | 132 | 123 | 5/8 X16 | 3/8 | 0 | 5110 | 1311 | 5210 |
| 312B 47 44 | 46 | 7/8 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1511 | 5210 | 1411 |
| 321B 47 44 | 46 | 7/8 | 36 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 330B 47 44 | 46 | 7/8 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 339B 47 44 | 46 | 7/8 | 36 | 124 | 124 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 348B 47 44 | 46 | 7/8 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1411 | 5210 | 1511 |
| 357B 47 44 | 46 | 7/8 | 60 | 124 | 132 | 11/16X16 | 3/8 | 0 | 5210 | 1311 | 5110 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
STATE OF THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 303B 47 44 | 45 | 7/8 | 60 | 232 | 223 | 11/16X16 | 5/16 | 0 | 5110 | 1311 | 5210 |
| 312B 47 44 | 45 | 7/8 | 36 | 223 | 223 | 11/16X16 | 3/8 | 0 | 1511 | 5210 | 1411 |
| 321B 47 44 | 45 | 7/8 | 36 | 223 | 223 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 330B 47 44 | 45 | 7/8 | 36 | 222 | 223 | 5/8 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 339B 47 44 | 45 | 7/8 | 36 | 223 | 223 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 348B 47 44 | 45 | 7/8 | 42 | 223 | 223 | 3/4 X16 | 3/8 | 0 | 1411 | 5210 | 1511 |
| 357B 47 44 | 45 | 7/8 | 60 | 223 | 232 | 3/4 X16 | 3/8 | 0 | 5210 | 1311 | 5110 |

4-81-193

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — **Civil & Structural Engineers**

| PROJECT | TITLE | DATE |
|---|---|---|
| THE WORLD TRADE CENTER | EXTERIOR WALL PANEL SCHEDULE | 12-5-67 |

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 403B | 47 | 44 | 302 | 129 | 90 | 90 | 681 | 681 | 129 | 80 | 80 | 681 | 681 | 129 | 80 | 80 | 691 | 681 |
| 412B | 47 | 44 | 302 | 129 | 75 | 75 | 491 | 491 | 130 | 75 | 75 | 491 | 491 | 132 | 70 | 70 | 491 | 491 |
| 421B | 47 | 44 | 302 | 135 | 60 | 60 | 492 | 492 | 135 | 60 | 60 | 492 | 492 | 135 | 60 | 60 | 492 | 492 |
| 430B | 47 | 44 | 302 | 134 | 55 | 55 | 442 | 442 | 134 | 55 | 55 | 442 | 442 | 134 | 55 | 55 | 442 | 442 |
| 439B | 47 | 44 | 302 | 135 | 50 | 50 | 492 | 492 | 135 | 50 | 50 | 492 | 492 | 135 | 50 | 50 | 492 | 492 |
| 448B | 47 | 44 | 302 | 132 | 60 | 60 | 491 | 491 | 130 | 65 | 65 | 491 | 491 | 129 | 65 | 65 | 491 | 491 |
| 457B | 47 | 44 | 302 | 129 | 70 | 70 | 681 | 681 | 129 | 70 | 70 | 681 | 681 | 129 | 80 | 80 | 681 | 681 |

X

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B | 47 | 44 | 47 | 7/8 | 70 | 132 | 123 | 5/8 X16 | 3/8 | 0 | 1013 | 5210 | 5010 |
| 412B | 47 | 44 | 47 | 7/8 | 50 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 421B | 47 | 44 | 47 | 7/8 | 42 | 123 | 122 | 5/16X15 | 5/16 | 0 | 5210 | 7240 | 5210 |
| 430B | 47 | 44 | 47 | 7/8 | 36 | 122 | 122 | 5/16X12 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 439B | 47 | 44 | 47 | 7/8 | 36 | 122 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 448B | 47 | 44 | 47 | 7/8 | 45 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 457B | 47 | 44 | 47 | 7/8 | 65 | 123 | 132 | 5/8 X16 | 3/8 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B | 47 | 44 | 46 | 7/8 | 65 | 132 | 123 | 5/8 X16 | 3/8 | 0 | 1013 | 5210 | 5010 |
| 412B | 47 | 44 | 46 | 7/8 | 50 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 2 421B | 47 | 44 | 46 | 7/8 | 42 | 123 | 122 | 3/8 X16 | 5/16 | 0 | 5210 | 7240 | 5210 |
| 430B | 47 | 44 | 46 | 7/8 | 36 | 122 | 122 | 5/16X12 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 439B | 47 | 44 | 46 | 7/8 | 36 | 122 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 448B | 47 | 44 | 46 | 7/8 | 45 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 457B | 47 | 44 | 46 | 7/8 | 60 | 123 | 132 | 5/8 X16 | 3/8 | 0 | 5010 | 5210 | 1013 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B | 47 | 44 | 45 | 7/8 | 70 | 232 | 223 | 11/16X16 | 5/16 | 0 | 1013 | 5210 | 5010 |
| 412B | 47 | 44 | 45 | 7/8 | 55 | 222 | 222 | 1/2 X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 2 421B | 47 | 44 | 45 | 7/8 | 42 | 222 | 222 | 3/8 X16 | 5/16 | 0 | 5210 | 7241 | 5210 |
| 430B | 47 | 44 | 45 | 7/8 | 42 | 221 | 221 | 5/16X13 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 439B | 47 | 44 | 45 | 7/8 | 36 | 222 | 222 | 3/8 X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 448B | 47 | 44 | 45 | 7/8 | 45 | 222 | 222 | 1/2 X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 457B | 47 | 44 | 45 | 7/8 | 60 | 223 | 232 | 5/8 X16 | 5/16 | 0 | 5010 | 5210 | 1013 |

4-12-67

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 200B | 47 | 45 | 210 | 136 | 70 | 70 | 692 | 692 | 536 | 80 | 80 | 0 | 0 | 132 | 80 | 80 | 681 | 691 |
| 400B | 47 | 45 | 210 | 136 | 80 | 80 | 682 | 692 | 536 | 85 | 85 | 0 | 0 | 132 | 85 | 85 | 681 | 691 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 200B | 47 | 45 | 47 | 7/8 | 55 | 132 | 132 | 13/16X16 | 7/16 | 0 | 1313 | 5010 | 5610 |
| 400B | 47 | 45 | 47 | 7/8 | 60 | 132 | 132 | 13/16X16 | 7/16 | 0 | 1313 | 5010 | 5610 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 200B | 47 | 45 | 46 | 7/8 | 55 | 132 | 132 | 13/16X16 | 7/16 | 0 | 1313 | 5010 | 5610 |
| 400B | 47 | 45 | 46 | 7/8 | 60 | 132 | 132 | 13/16X16 | 7/16 | 0 | 1313 | 5010 | 5610 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

4-81-195

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 109B 48 45 | 300 | 141 | 50 | 50 | 492 | 492 | 142 | 50 | 50 | 492 | 492 | 144 | 50 | 50 | 492 | 492 |
| 118B 48 45 | 300 | 144 | 50 | 50 | 492 | 492 | 144 | 50 | 50 | 492 | 492 | 144 | 50 | 50 | 492 | 492 |
| 127B 48 45 | 300 | 144 | 55 | 55 | 492 | 492 | 144 | 55 | 55 | 492 | 492 | 144 | 55 | 55 | 492 | 492 |
| 133B 48 45 | 300 | 144 | 55 | 55 | 492 | 492 | 144 | 55 | 55 | 492 | 492 | 144 | 55 | 55 | 492 | 492 |
| 142B 48 45 | 300 | 144 | 55 | 55 | 492 | 682 | 144 | 55 | 55 | 492 | 682 | 144 | 55 | 55 | 492 | 682 |
| 151B 48 45 | 300 | 144 | 55 | 55 | 492 | 682 | 142 | 55 | 55 | 492 | 682 | 141 | 55 | 55 | 492 | 682 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 109B 48 45 | 48 | 7/8 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 118B 48 45 | 48 | 7/8 | 36 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 127B 48 45 | 48 | 7/8 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 1411 | 5210 |
| 133B 48 45 | 48 | 7/8 | 36 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5110 |
| 142B 48 45 | 48 | 7/8 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 151B 48 45 | 48 | 7/8 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 109B 48 45 | 47 | 7/8 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 118B 48 45 | 47 | 7/8 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 127B 48 45 | 47 | 7/8 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 1411 | 5210 |
| 133B 48 45 | 47 | 7/8 | 36 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5110 |
| 142B 48 45 | 47 | 7/8 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 151B 48 45 | 47 | 7/8 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 109B 48 45 | 46 | 7/8 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 118B 48 45 | 46 | 7/8 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 127B 48 45 | 46 | 7/8 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 1411 | 5210 |
| 133B 48 45 | 46 | 7/8 | 42 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5110 |
| 142B 48 45 | 46 | 7/8 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 151B 48 45 | 46 | 7/8 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5210. | 1411 | 5210 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

4-81-196

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 2096 | 48 | 45 | 300 | 129 | 70 | 70 | 491 | 491 | 129 | 70 | 70 | 491 | 491 | 129 | 70 | 70 | 491 | 491 |
| 2186 | 48 | 45 | 300 | 135 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 492 |
| 2278 | 48 | 45 | 300 | 134 | 50 | 50 | 442 | 442 | 134 | 50 | 50 | 442 | 442 | 134 | 50 | 50 | 442 | 442 |
| 2338 | 48 | 45 | 300 | 134 | 55 | 55 | 442 | 442 | 134 | 55 | 55 | 442 | 442 | 134 | 55 | 55 | 442 | 442 |
| 2428 | 48 | 45 | 300 | 135 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 492 |
| 2518 | 48 | 45 | 300 | 129 | 70 | 70 | 491 | 491 | 129 | 70 | 70 | 491 | 491 | 129 | 70 | 70 | 491 | 491 |

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2096 | 48 | 45 | 48 | 7/8 | 46 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5010 | 5210 | 1212 |
| | 2186 | 48 | 45 | 48 | 7/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1611 | 5210 | 1111 |
| | 2278 | 48 | 45 | 48 | 7/8 | 36 | 122 | 122 | 5/16X13 | 5/16 | 0 | 5110 | 1111 | 5210 |
| | 2338 | 48 | 45 | 48 | 7/8 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 2 | 2428 | 48 | 45 | 48 | 7/8 | 42 | 122 | 123 | 3/8 X16 | 5/16 | 0 | (7240) | 5210 | (4530) |
| | 2518 | 48 | 45 | 48 | 7/8 | 50 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1212 | 5210 | 5010 |

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2098 | 48 | 45 | 47 | 7/8 | 46 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5010 | 5210 | 1212 |
| | 2188 | 48 | 45 | 47 | 7/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1611 | 5210 | 1111 |
| | 2278 | 48 | 45 | 47 | 7/8 | 36 | 122 | 122 | 5/16X13 | 5/16 | 0 | 5110 | 1111 | 5210 |
| | 2338 | 48 | 45 | 47 | 7/8 | 36 | 122 | 122 | 5/16X12 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 2 | 2428 | 48 | 45 | 47 | 7/8 | 42 | 122 | 123 | 3/8 X16 | 5/16 | 0 | (7240) | 5210 | (4530) |
| | 2518 | 48 | 45 | 47 | 7/8 | 50 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1212 | 5210 | 5010 |

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2098 | 48 | 45 | 46 | 7/8 | 46 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5010 | 5210 | 1212 |
| | 2188 | 48 | 45 | 46 | 7/8 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1611 | 5210 | 1111 |
| | 2278 | 48 | 45 | 46 | 7/8 | 36 | 122 | 122 | 5/16X13 | 5/16 | 0 | 5110 | 1111 | 5210 |
| | 2338 | 48 | 45 | 46 | 7/8 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 2 | 2428 | 48 | 45 | 46 | 7/8 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | (7240) | 5210 | (4530) |
| | 2518 | 48 | 45 | 46 | 7/8 | 50 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1212 | 5210 | 5010 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON NEW YORK

4-81-197

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 309B 48 45 | 300 | 141 | 55 | 55 | 492 | 492 | 142 | 55 | 55 | 492 | 492 | 144 | 50 | 50 | 492 | 492 |
| 318B 48 45 | 300 | 144 | 50 | 50 | 492 | 492 | 144 | 50 | 50 | 492 | 492 | 144 | 50 | 50 | 492 | 492 |
| 327B 48 45 | 300 | 144 | 45 | 45 | 492 | 492 | 144 | 45 | 45 | 492 | 492 | 144 | 45 | 45 | 492 | 492 |
| 333B 48 45 | 300 | 144 | 45 | 45 | 492 | 492 | 144 | 45 | 45 | 492 | 492 | 144 | 45 | 45 | 492 | 492 |
| 342B 48 45 | 300 | 144 | 50 | 50 | 492 | 682 | 144 | 50 | 50 | 492 | 682 | 144 | 50 | 50 | 492 | 682 |
| 351B 48 45 | 300 | 144 | 55 | 55 | 492 | 682 | 142 | 55 | 55 | 492 | 682 | 141 | 55 | 55 | 492 | 682 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 309B 48 45 | 48 | 7/8 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 318B 48 45 | 48 | 7/8 | 36 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 327B 48 45 | 48 | 7/8 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5110 | 1411 | 5210 |
| 333B 48 45 | 48 | 7/8 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5110 |
| 342B 48 45 | 48 | 7/8 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 351B 48 45 | 48 | 7/8 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 309B 48 45 | 47 | 7/8 | 36 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 318B 48 45 | 47 | 7/8 | 36 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 327B 48 45 | 47 | 7/8 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5110 | 1411 | 5210 |
| 333B 48 45 | 47 | 7/8 | 36 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5110 |
| 342B 48 45 | 47 | 7/8 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 351B 48 45 | 47 | 7/8 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 309B 48 45 | 46 | 7/8 | 36 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 318B 48 45 | 46 | 7/8 | 36 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 327B 48 45 | 46 | 7/8 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 1411 | 5210 |
| 333B 48 45 | 46 | 7/8 | 36 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5110 |
| 342B 48 45 | 46 | 7/8 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 351B 48 45 | 46 | 7/8 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — STATE OF NEW YORK

4-81-198

**SKILLING-HELLE-CHRISTIANSEN-ROBERTSON** — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 409B | 48 | 45 | 300 | 129 | 75 | 75 | 491 | 491 | 129 | 75 | 75 | 491 | 491 | 129 | 75 | 75 | 491 | 491 |
| 418B | 48 | 45 | 300 | 135 | 60 | 60 | 492 | 492 | 135 | 60 | 60 | 492 | 492 | 135 | 60 | 60 | 492 | 492 |
| 427B | 48 | 45 | 300 | 134 | 55 | 55 | 442 | 442 | 134 | 55 | 55 | 442 | 442 | 134 | 55 | 55 | 442 | 442 |
| 433B | 48 | 45 | 300 | 134 | 55 | 55 | 442 | 442 | 134 | 55 | 55 | 442 | 442 | 134 | 50 | 50 | 442 | 442 |
| 442B | 48 | 45 | 300 | 135 | 46 | 46 | 492 | 492 | 135 | 46 | 46 | 492 | 492 | 135 | 50 | 50 | 492 | 492 |
| 451B | 48 | 45 | 300 | 129 | 65 | 65 | 491 | 491 | 129 | 65 | 65 | 491 | 491 | 129 | 65 | 65 | 491 | 491 |

X

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 409B | 48 | 45 | 48 | 7/8 | 50 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5010 | 5210 | 1212 |
| 2 | 418B | 48 | 45 | 48 | 7/8 | 42 | 123 | 122 | 3/8 X16 | 5/16 | 0 | 4530 | 5210 | 7240 |
| | 427B | 48 | 45 | 48 | 7/8 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 5110 | 1111 | 5210 |
| | 433B | 48 | 45 | 48 | 7/8 | 36 | 122 | 122 | 5/16X13 | 5/16 | 0 | 5210 | 1111 | 5110 |
| | 442B | 48 | 45 | 48 | 7/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1111 | 5210 | 1611 |
| | 451B | 48 | 45 | 48 | 7/8 | 45 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1212 | 5210 | 5010 |

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 409B | 48 | 45 | 47 | 7/8 | 50 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5010 | 5210 | 1212 |
| 2 | 418B | 48 | 45 | 47 | 7/8 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 4530 | 5210 | 7240 |
| | 427B | 48 | 45 | 47 | 7/8 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 5110 | 1111 | 5210 |
| | 433B | 48 | 45 | 47 | 7/8 | 36 | 122 | 122 | 5/16X13 | 5/16 | 0 | 5210 | 1111 | 5110 |
| | 442B | 48 | 45 | 47 | 7/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1111 | 5210 | 1611 |
| | 451B | 48 | 45 | 47 | 7/8 | 45 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1212 | 5210 | 5010 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — NEW YORK

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 409B | 48 | 45 | 46 | 7/8 | 50 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5010 | 5210 | 1212 |
| 2 | 418B | 48 | 45 | 46 | 7/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 4530 | 5210 | 7240 |
| | 427B | 48 | 45 | 46 | 7/8 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 5110 | 1111 | 5210 |
| | 433B | 48 | 45 | 46 | 7/8 | 36 | 122 | 122 | 5/16X14 | 5/16 | 0 | 5210 | 1111 | 5110 |
| | 442B | 48 | 45 | 46 | 7/8 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1111 | 5210 | 1611 |
| | 451B | 48 | 45 | 46 | 7/8 | 45 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1212 | 5210 | 5010 |

4-81-199

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 1008 48 46 | 210 | 132 | 75 | 75 | 681 | 681 | 535 | 75 | 75 | 0 | 0 | 135 | 70 | 70 | 682 | 682 |
| 3008 48 46 | 210 | 132 | 80 | 80 | 681 | 681 | 535 | 80 | 80 | 0 | 0 | 135 | 75 | 75 | 682 | 682 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 1008 48 46 | 48 | 7/8 | 50 | 132 | 132 | 3/4 X16 | 7/16 | 0 | 5410 | 5010 | 1313 |
| 3008 48 46 | 48 | 7/8 | 55 | 132 | 132 | 3/4 X16 | 7/16 | 0 | 5410 | 5010 | 1313 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 1008 48 46 | 47 | 7/8 | 50 | 132 | 132 | 13/16X16 | 7/16 | 0 | 5410 | 5010 | 1313 |
| 3008 48 46 | 47 | 7/8 | 55 | 132 | 132 | 3/4 X16 | 7/16 | 0 | 5410 | 5010 | 1313 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 OF THE STATE OF NEW YORK

4-81-200

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

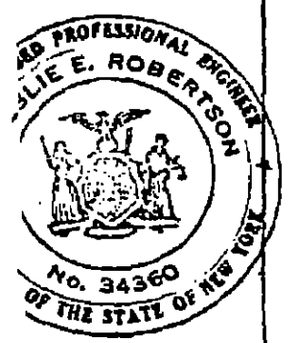
PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

DIVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 106B 49 46 | 300 | 138 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 492 | 492 |
| 115B 49 46 | 300 | 143 | 50 | 50 | 492 | 492 | 143 | 50 | 50 | 492 | 492 | 143 | 50 | 50 | 492 | 492 |
| 124B 49 46 | 300 | 143 | 55 | 55 | 492 | 492 | 143 | 55 | 55 | 492 | 492 | 143 | 55 | 55 | 492 | 492 |
| 136B 49 46 | 300 | 144 | 55 | 55 | 492 | 492 | 144 | 55 | 55 | 492 | 492 | 144 | 55 | 55 | 492 | 492 |
| 145B 49 46 | 300 | 143 | 55 | 55 | 492 | 682 | 143 | 55 | 55 | 492 | 682 | 143 | 55 | 55 | 492 | 682 |
| 154B 49 46 | 300 | 140 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPL FY4 | SPL SCL | SPL SCR | WELDMENTS NO 5 | WELD NO 6 | WELD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 106B 49 46 | 49 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1311 | 5110 | 1411 |
| 115B 49 46 | 49 | 13/16 | 36 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 124B 49 46 | 49 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 136B 49 46 | 49 | 13/16 | 42 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 145B 49 46 | 49 | 13/16 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 154B 49 46 | 49 | 13/16 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPL FY4 | SPL SCL | SPL SCR | WELDMENTS NO 5 | WELD NO 6 | WELD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 106B 49 46 | 48 | 7/8 | 36 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 1311 | 5110 | 1411 |
| 115B 49 46 | 48 | 7/8 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 124B 49 46 | 48 | 7/8 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 136B 49 46 | 48 | 7/8 | 36 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 145B 49 46 | 48 | 7/8 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 154B 49 46 | 48 | 7/8 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1411 | 5110 | 1311 |




| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPL FY4 | SPL SCL | SPL SCR | WELDMENTS NO 5 | WELD NO 6 | WELD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 106B 49 46 | 47 | 7/8 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1311 | 5110 | 1411 |
| 115B 49 46 | 47 | 7/8 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 124B 49 46 | 47 | 7/8 | 36 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 136B 49 46 | 47 | 7/8 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 145B 49 46 | 47 | 7/8 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 154B 49 46 | 47 | 7/8 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1411 | 5110 | 1311 |

4-81-201

**SKILLING, HELLE, CHRISTIANSEN, ROBERTSON** — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 5-14-69

REVISIONS

| | PANEL NUMBER | | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 206B | 49 46 | 300 | 129 | 75 | 75 | 491 | 681 | 129 | 70 | 70 | 491 | 491 | 129 | 70 | 70 | 491 | 491 |
| | 215B | 49 46 | 300 | 132 | 60 | 60 | 491 | 491 | 133 | 60 | 60 | 491 | 492 | 135 | 55 | 55 | 492 | 492 |
| 4 | 224B | 49 46 | 300 | 134 | 55 | 55 | 441 | 492 | 134 | 55 | 55 | 441 | 442 | 134 | 55 | 55 | 441 | 442 |
| | 236B | 49 46 | 300 | 134 | 55 | 55 | 441 | 442 | 134 | 55 | 55 | 441 | 442 | 134 | 55 | 55 | 441 | 442 |
| | 245B | 49 46 | 300 | 135 | 60 | 60 | 492 | 492 | 133 | 60 | 60 | 491 | 492 | 132 | 65 | 65 | 491 | 491 |
| | 254B | 49 46 | 300 | 129 | 70 | 70 | 491 | 491 | 129 | 70 | 70 | 491 | 491 | 129 | 75 | 75 | 491 | 491 |

| | PANEL NUMBER | | FLOOR | SPANDREL PLATE T4 | SPAN FY4 | SPAN SCL | SPAN SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 206B | 49 46 | 49 | 13/16 | 50 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1212 | 5110 |
| | 215B | 49 46 | 49 | 13/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| | 224B | 49 46 | 49 | 13/16 | 36 | 122 | 122 | 5/16X14 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 2 | 236B | 49 46 | 49 | 13/16 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1111 | 5110 | 4120 |
| | 245B | 49 46 | 49 | 13/16 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| | 254B | 49 46 | 49 | 13/16 | 55 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 1212 | 5110 |

| | PANEL NUMBER | | FLOOR | SPANDREL PLATE T4 | SPAN FY4 | SPAN SCL | SPAN SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 206B | 49 46 | 48 | 7/8 | 46 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1212 | 5110 |
| | 215B | 49 46 | 48 | 7/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| | 224B | 49 46 | 48 | 7/8 | 36 | 122 | 122 | 5/16X14 | 5/16 | 0 | 1111 | 5110 | 1111 |
| Z | 236B | 49 46 | 48 | 7/8 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1111 | 5110 | 4110 |
| | 245B | 49 46 | 48 | 7/8 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| | 254B | 49 46 | 48 | 7/8 | 50 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 1212 | 5110 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — STATE OF NEW YORK

| | PANEL NUMBER | | FLOOR | SPANDREL PLATE T4 | SPAN FY4 | SPAN SCL | SPAN SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 206B | 49 46 | 47 | 7/8 | 46 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1212 | 5110 |
| | 215B | 49 46 | 47 | 7/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| | 224B | 49 46 | 47 | 7/8 | 36 | 122 | 122 | 5/16X14 | 5/16 | 0 | 1111 | 5110 | 1111 |
| Z | 236B | 49 46 | 47 | 7/8 | 42 | 122 | 122 | 5/16X14 | 5/16 | 0 | 1111 | 5110 | 4110 |
| | 245B | 49 46 | 47 | 7/8 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| | 254B | 49 46 | 47 | 7/8 | 50 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 1212 | 5110 |

4-B1-202

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 306B 49 46 | 300 | 138 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 492 | 492 |
| 315B 49 46 | 300 | 143 | 50 | 50 | 492 | 492 | 143 | 50 | 50 | 492 | 492 | 143 | 50 | 50 | 492 | 492 |
| 324B 49 46 | 300 | 143 | 45 | 45 | 492 | 492 | 143 | 45 | 45 | 492 | 492 | 143 | 45 | 45 | 492 | 492 |
| 336B 49 46 | 300 | 144 | 45 | 45 | 492 | 492 | 144 | 45 | 45 | 492 | 492 | 144 | 46 | 46 | 492 | 492 |
| 345B 49 46 | 300 | 143 | 50 | 50 | 492 | 682 | 143 | 55 | 55 | 492 | 682 | 143 | 55 | 55 | 492 | 682 |
| 354B 49 46 | 300 | 140 | 55 | 55 | 492 | 492 | 139 | 60 | 60 | 492 | 492 | 138 | 60 | 60 | 492 | 492 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 306B 49 46 | 49 | 13/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 1311 | 5110 | 1411 |
| 315B 49 46 | 49 | 13/16 | 36 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 324B 49 46 | 49 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 336B 49 46 | 49 | 13/16 | 36 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 345B 49 46 | 49 | 13/16 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 354B 49 46 | 49 | 13/16 | 42 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 306B 49 46 | 48 | 7/8 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1311 | 5110 | 1411 |
| 315B 49 46 | 48 | 7/8 | 36 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 324B 49 46 | 48 | 7/8 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 336B 49 46 | 48 | 7/8 | 36 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 345B 49 46 | 48 | 7/8 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 354B 49 46 | 48 | 7/8 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 306B 49 46 | 47 | 7/8 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1311 | 5110 | 1411 |
| 315B 49 46 | 47 | 7/8 | 36 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 324B 49 46 | 47 | 7/8 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 336B 49 46 | 47 | 7/8 | 36 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 345B 49 46 | 47 | 7/8 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 354B 49 46 | 47 | 7/8 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1411 | 5110 | 1311 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

4-81-203

**SKILLING, HELLE, CHRISTIANSEN, ROBERTSON** — **Structural & Civil Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 5-14-69

REVISIONS

| | PANEL NUMBER | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| | 406B | 49 46 | 300 | 129 | 80 | 80 | 491 | 681 | 129 | 75 | 75 | 491 | 491 | 129 | 75 | 75 | 491 | 491 |
| | 415B | 49 46 | 300 | 132 | 65 | 65 | 491 | 491 | 133 | 65 | 65 | 491 | 492 | 135 | 60 | 60 | 492 | 492 |
| | 424B | 49 46 | 300 | 134 | 60 | 60 | 441 | 492 | 134 | 60 | 60 | 441 | 442 | 134 | 55 | 55 | 441 | 442 |
| 4 | 436B | 49 46 | 300 | 134 | 50 | 50 | 441 | 442 | 134 | 50 | 50 | 441 | 442 | 134 | 50 | 50 | 444 | 492 |
| | 445B | 49 46 | 300 | 135 | 50 | 50 | 492 | 492 | 133 | 55 | 55 | 491 | 492 | 132 | 55 | 55 | 491 | 491 |
| | 454B | 49 46 | 300 | 129 | 65 | 65 | 491 | 491 | 129 | 65 | 65 | 491 | 491 | 129 | 70 | 70 | 491 | 681 |

| | PANEL NUMBER | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| | 406B | 49 46 | 49 | 13/16 | 55 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1212 | 5110 |
| | 415B | 49 46 | 49 | 13/16 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 2 | 424B | 49 46 | 49 | 13/16 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 4120 | 5110 | 1111 |
| | 436B | 49 46 | 49 | 13/16 | 36 | 122 | 122 | 5/16X14 | 5/16 | 0 | 1111 | 5110 | 1111 |
| | 445B | 49 46 | 49 | 13/16 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| | 454B | 49 46 | 49 | 13/16 | 50 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1212 | 5110 |

| | PANEL NUMBER | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| | 406B | 49 46 | 48 | 7/8 | 50 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1212 | 5110 |
| | 415B | 49 46 | 48 | 7/8 | 45 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 2 | 424B | 49 46 | 48 | 7/8 | 42 | 122 | 122 | 5/16X14 | 5/16 | 0 | 4110 | 5110 | 1111 |
| | 436B | 49 46 | 48 | 7/8 | 36 | 122 | 122 | 5/16X14 | 5/16 | 0 | 1111 | 5110 | 1111 |
| | 445B | 49 46 | 48 | 7/8 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| | 454B | 49 46 | 48 | 7/8 | 45 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1212 | 5110 |

| | PANEL NUMBER | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| | 406B | 49 46 | 47 | 7/8 | 50 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1212 | 5110 |
| | 415B | 49 46 | 47 | 7/8 | 45 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 2 | 424B | 49 46 | 47 | 7/8 | 42 | 122 | 122 | 5/16X14 | 5/16 | 0 | 4110 | 5110 | 1111 |
| | 436B | 49 46 | 47 | 7/8 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 1111 | 5110 | 1111 |
| | 445B | 49 46 | 47 | 7/8 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| | 454B | 49 46 | 47 | 7/8 | 45 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1212 | 5110 |

4-81-204

**WORTHINGTON, SKILLING, HELLE & JACKSON** — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 200B | 49 | 47 | 210 | 135 | 70 | 70 | 682 | 692 | 535 | 75 | 75 | 0 | 0 | 132 | 75 | 75 | 681 | 681 |
| 400B | 49 | 47 | 210 | 135 | 75 | 75 | 682 | 682 | 535 | 85 | 85 | 0 | 0 | 132 | 85 | 85 | 681 | 681 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SPAN FY4 | SPAN SCL | SPAN SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 200B | 49 | 47 | 49 | 13/16 | 55 | 132 | 132 | 13/16X16 | 7/16 | 0 | 1313 | 5010 | 5610 |
| 400B | 49 | 47 | 49 | 13/16 | 55 | 132 | 132 | 3/4 X16 | 7/16 | 0 | 1313 | 5010 | 5610 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SPAN FY4 | SPAN SCL | SPAN SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 200B | 49 | 47 | 48 | 7/8 | 55 | 132 | 132 | 13/16X16 | 7/16 | 0 | 1313 | 5010 | 5610 |
| 400B | 49 | 47 | 48 | 7/8 | 60 | 132 | 132 | 13/16X16 | 7/16 | 0 | 1313 | 5010 | 5610 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF THE STATE OF NEW YORK

4-81-205

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 103B 50 47 | 300 | 132 | 70 | 70 | 491 | 681 | 134 | 60 | 60 | 492 | 492 | 136 | 55 | 55 | 492 | 492 |
| 112B 50 47 | 300 | 143 | 50 | 50 | 492 | 492 | 143 | 50 | 50 | 492 | 492 | 143 | 50 | 50 | 492 | 492 |
| 121B 50 47 | 300 | 143 | 55 | 55 | 492 | 492 | 143 | 55 | 55 | 492 | 492 | 143 | 55 | 55 | 492 | 492 |
| 130B 50 47 | 300 | 144 | 55 | 55 | 492 | 492 | 144 | 55 | 55 | 492 | 492 | 144 | 55 | 55 | 492 | 492 |
| 139B 50 47 | 300 | 144 | 55 | 55 | 492 | 492 | 144 | 55 | 55 | 492 | 492 | 144 | 55 | 55 | 492 | 492 |
| 148B 50 47 | 300 | 143 | 55 | 55 | 492 | 682 | 143 | 55 | 55 | 492 | 682 | 143 | 55 | 55 | 492 | 682 |
| 157B 50 47 | 300 | 136 | 60 | 60 | 492 | 492 | 134 | 60 | 60 | 492 | 492 | 132 | 70 | 70 | 681 | 681 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 103B 50 47 | 50 | 13/16 | 55 | 132 | 123 | 5/8 X16 | 3/8 | 0 | 5110 | 1311 | 5210 |
| 112B 50 47 | 50 | 13/16 | 36 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 1511 | 5210 | 1411 |
| 121B 50 47 | 50 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 130B 50 47 | 50 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 139B 50 47 | 50 | 13/16 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 148B 50 47 | 50 | 13/16 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1411 | 5210 | 1511 |
| 157B 50 47 | 50 | 13/16 | 55 | 124 | 132 | 5/8 X16 | 3/8 | 0 | 5210 | 1311 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 103B 50 47 | 49 | 13/16 | 55 | 132 | 123 | 5/8 X16 | 3/8 | 0 | 5110 | 1311 | 5210 |
| 112B 50 47 | 49 | 13/16 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1511 | 5210 | 1411 |
| 121B 50 47 | 49 | 13/16 | 36 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 130B 50 47 | 49 | 13/16 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 139B 50 47 | 49 | 13/16 | 42 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 148B 50 47 | 49 | 13/16 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1411 | 5210 | 1511 |
| 157B 50 47 | 49 | 13/16 | 55 | 124 | 132 | 5/8 X16 | 3/8 | 0 | 5210 | 1311 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 103B 50 47 | 48 | 7/8 | 55 | 132 | 123 | 5/8 X16 | 3/8 | 0 | 5110 | 1311 | 5210 |
| 112B 50 47 | 48 | 7/8 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1511 | 5210 | 1411 |
| 121B 50 47 | 48 | 7/8 | 36 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 130B 50 47 | 48 | 7/8 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 139B 50 47 | 48 | 7/8 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 148B 50 47 | 48 | 7/8 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1411 | 5210 | 1511 |
| 157B 50 47 | 48 | 7/8 | 55 | 124 | 132 | 11/16X16 | 3/8 | 0 | 5210 | 1311 | 5110 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

4-81-206

**SKILLING, HELLE, CHRISTIANSEN, ROBERTSON** — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 5-14-69

REVISIONS

| | PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 4 | 2038 | 50 | 47 | 300 | 128 | 80 | 80 | 494 | 681 | 128 | 75 | 75 | 491 | 681 | 128 | 75 | 75 | 491 | 681 |
| | 2128 | 50 | 47 | 300 | 129 | 65 | 65 | 491 | 491 | 130 | 65 | 65 | 491 | 491 | 131 | 65 | 65 | 491 | 491 |
| 4 | 2218 | 50 | 47 | 300 | 135 | 55 | 55 | 445 | 492 | 135 | 55 | 55 | 445 | 492 | 134 | 55 | 55 | 445 | 492 |
| 4 | 2308 | 50 | 47 | 300 | 133 | 55 | 55 | 434 | 442 | 133 | 55 | 55 | 434 | 442 | 133 | 55 | 55 | 434 | 442 |
| 4 | 2398 | 50 | 47 | 300 | 134 | 55 | 55 | 442 | 492 | 135 | 55 | 55 | 442 | 492 | 135 | 55 | 55 | 445 | 492 |
| | 2488 | 50 | 47 | 300 | 131 | 70 | 70 | 491 | 491 | 130 | 70 | 70 | 491 | 491 | 129 | 70 | 70 | 491 | 491 |
| 4 | 2578 | 50 | 47 | 300 | 128 | 80 | 80 | 491 | 491 | 128 | 80 | 80 | 491 | 491 | 128 | 85 | 85 | 494 | 681 |

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2038 | 50 | 47 | 50 | 13/16 | 65 | 132 | 123 | 3/4 X16 | 3/8 | 1/4 | 1013 | 5210 | 5010 |
| | 2128 | 50 | 47 | 50 | 13/16 | 45 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| | 2218 | 50 | 47 | 50 | 13/16 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5210 | 1111 | 5210 |
| | 2308 | 50 | 47 | 50 | 13/16 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 1111 | 5210 | 1111 |
| | 2398 | 50 | 47 | 50 | 13/16 | 42 | 122 | 122 | 5/16X14 | 5/16 | 0 | 5210 | 1111 | 5210 |
| | 2488 | 50 | 47 | 50 | 13/16 | 50 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| | 2578 | 50 | 47 | 50 | 13/16 | 65 | 123 | 132 | 11/16X16 | 5/16 | 0 | 5010 | 5210 | 1013 |

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2038 | 50 | 47 | 49 | 13/16 | 65 | 132 | 123 | 3/4 X16 | 3/8 | 1/4 | 1013 | 5210 | 5010 |
| | 2128 | 50 | 47 | 49 | 13/16 | 45 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| | 2218 | 50 | 47 | 49 | 13/16 | 36 | 123 | 122 | 5/16X15 | 5/16 | 0 | 5210 | 1111 | 5210 |
| | 2308 | 50 | 47 | 49 | 13/16 | 36 | 122 | 122 | 5/16X11 | 5/16 | 0 | 1111 | 5210 | 1111 |
| | 2398 | 50 | 47 | 49 | 13/16 | 42 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5210 | 4120 | 5210 |
| | 2488 | 50 | 47 | 49 | 13/16 | 50 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| | 2578 | 50 | 47 | 49 | 13/16 | 65 | 123 | 132 | 11/16X16 | 5/16 | 0 | 5010 | 5210 | 1013 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2038 | 50 | 47 | 48 | 7/8 | 65 | 132 | 123 | 3/4 X16 | 3/8 | 1/4 | 1013 | 5210 | 5010 |
| | 2128 | 50 | 47 | 48 | 7/8 | 45 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| | 2218 | 50 | 47 | 48 | 7/8 | 36 | 123 | 122 | 5/16X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| | 2308 | 50 | 47 | 48 | 7/8 | 36 | 122 | 122 | 5/16X11 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 2 | 2398 | 50 | 47 | 48 | 7/8 | 42 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5210 | 7240 | 5210 |
| | 2488 | 50 | 47 | 48 | 7/8 | 50 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| | 2578 | 50 | 47 | 48 | 7/8 | 65 | 123 | 132 | 11/16X16 | 3/8 | 1/4 | 5010 | 5210 | 1013 |

4-81-207

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

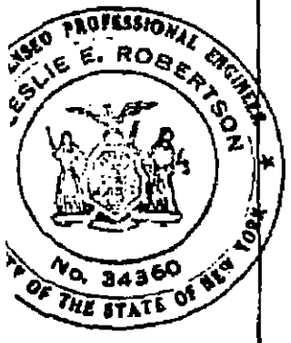
PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 303B | 50 | 47 | 300 | 132 | 70 | 70 | 491 | 491 | 134 | 65 | 65 | 492 | 492 | 136 | 60 | 60 | 492 | 492 |
| 312B | 50 | 47 | 300 | 143 | 50 | 50 | 492 | 492 | 143 | 50 | 50 | 492 | 492 | 143 | 50 | 50 | 492 | 492 |
| 321B | 50 | 47 | 300 | 143 | 50 | 50 | 492 | 492 | 143 | 50 | 50 | 492 | 492 | 143 | 46 | 46 | 492 | 492 |
| 330B | 50 | 47 | 300 | 144 | 45 | 45 | 492 | 492 | 144 | 45 | 45 | 492 | 492 | 144 | 45 | 45 | 492 | 492 |
| 339B | 50 | 47 | 300 | 144 | 50 | 50 | 492 | 492 | 144 | 50 | 50 | 492 | 492 | 144 | 50 | 50 | 492 | 492 |
| 348B | 50 | 47 | 300 | 143 | 55 | 55 | 492 | 492 | 143 | 55 | 55 | 492 | 492 | 143 | 55 | 55 | 492 | 492 |
| 357B | 50 | 47 | 300 | 136 | 65 | 65 | 492 | 492 | 134 | 65 | 65 | 492 | 492 | 132 | 75 | 75 | 681 | 681 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 303B | 50 | 47 | 50 | 13/16 | 55 | 132 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 1311 | 5210 |
| 312B | 50 | 47 | 50 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1511 | 5210 | 1411 |
| 321B | 50 | 47 | 50 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 330B | 50 | 47 | 50 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 339B | 50 | 47 | 50 | 13/16 | 36 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 348B | 50 | 47 | 50 | 13/16 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1411 | 5210 | 1511 |
| 357B | 50 | 47 | 50 | 13/16 | 60 | 123 | 132 | 5/8 X16 | 3/8 | 0 | 5210 | 1311 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 303B | 50 | 47 | 49 | 13/16 | 55 | 132 | 123 | 5/8 X16 | 3/8 | 0 | 5110 | 1311 | 5210 |
| 312B | 50 | 47 | 49 | 13/16 | 36 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 1511 | 5210 | 1411 |
| 321B | 50 | 47 | 49 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 330B | 50 | 47 | 49 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 339B | 50 | 47 | 49 | 13/16 | 36 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 348B | 50 | 47 | 49 | 13/16 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1411 | 5210 | 1511 |
| 357B | 50 | 47 | 49 | 13/16 | 60 | 123 | 132 | 5/8 X16 | 3/8 | 0 | 5210 | 1311 | 5110 |




| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 303B | 50 | 47 | 48 | 7/8 | 55 | 132 | 123 | 5/8 X16 | 3/8 | 0 | 5110 | 1311 | 5210 |
| 312B | 50 | 47 | 48 | 7/8 | 36 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 1511 | 5210 | 1411 |
| 321B | 50 | 47 | 48 | 7/8 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 330B | 50 | 47 | 48 | 7/8 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 339B | 50 | 47 | 48 | 7/8 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 348B | 50 | 47 | 48 | 7/8 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1411 | 5210 | 1511 |
| 357B | 50 | 47 | 48 | 7/8 | 60 | 124 | 132 | 5/8 X16 | 3/8 | 0 | 5210 | 1311 | 5110 |

4-81-208

**SKILLING, HELLE, CHRISTIANSEN, ROBERTSON** — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 5-14-69

REVISIONS

| | PANEL NUMBER | | PANEL TYPE | COLUMN 1 TYPE | FY1 | FY2 | CSU | CSL | COLUMN 2 TYPE | FY1 | FY2 | CSU | CSL | COLUMN 3 TYPE | FY1 | FY2 | CSU | CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | 4038 | 50 47 | 300 | 128 | 90 | 90 | 494 | 681 | 128 | 80 | 80 | 491 | 681 | 128 | 80 | 80 | 491 | 681 |
| | 4128 | 50 47 | 300 | 129 | 75 | 75 | 491 | 491 | 130 | 75 | 75 | 491 | 491 | 131 | 70 | 70 | 491 | 491 |
| 4 | 4218 | 50 47 | 300 | 135 | 60 | 60 | 445 | 492 | 135 | 60 | 60 | 442 | 492 | 134 | 60 | 60 | 442 | 492 |
| 4 | 4308 | 50 47 | 300 | 133 | 55 | 55 | 434 | 442 | 133 | 55 | 55 | 434 | 442 | 133 | 55 | 55 | 434 | 442 |
| 4 | 4398 | 50 47 | 300 | 134 | 50 | 50 | 445 | 492 | 135 | 46 | 46 | 445 | 492 | 135 | 50 | 50 | 445 | 492 |
| | 4488 | 50 47 | 300 | 131 | 60 | 60 | 491 | 491 | 130 | 65 | 65 | 491 | 491 | 129 | 65 | 65 | 491 | 491 |
| 4 | 4578 | 50 47 | 300 | 128 | 75 | 75 | 491 | 681 | 128 | 75 | 75 | 491 | 681 | 128 | 80 | 80 | 494 | 681 |

| | PANEL NUMBER | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4038 | 50 47 | 50 | 13/16 | 70 | 132 | 123 | 11/16X16 | 3/8 | 1/4 | 1013 | 5210 | 5010 |
| | 4128 | 50 47 | 50 | 13/16 | 50 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| | 4218 | 50 47 | 50 | 13/16 | 42 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5210 | 1111 | 5210 |
| | 4308 | 50 47 | 50 | 13/16 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 1111 | 5210 | 1111 |
| | 4398 | 50 47 | 50 | 13/16 | 36 | 122 | 123 | 5/16X15 | 5/16 | 0 | 5210 | 1111 | 5210 |
| | 4488 | 50 47 | 50 | 13/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| | 4578 | 50 47 | 50 | 13/16 | 60 | 123 | 132 | 11/16X16 | 3/8 | 1/4 | 5010 | 5210 | 1013 |

| | PANEL NUMBER | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4038 | 50 47 | 49 | 13/16 | 70 | 132 | 123 | 3/4 X16 | 3/8 | 1/4 | 1013 | 5210 | 5010 |
| | 4128 | 50 47 | 49 | 13/16 | 50 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 2 | 4218 | 50 47 | 49 | 13/16 | 42 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5210 | 4120 | 5210 |
| | 4308 | 50 47 | 49 | 13/16 | 36 | 122 | 122 | 5/16X11 | 5/16 | 0 | 1111 | 5210 | 1111 |
| | 4398 | 50 47 | 49 | 13/16 | 36 | 122 | 123 | 5/16X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| | 4488 | 50 47 | 49 | 13/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| | 4578 | 50 47 | 49 | 13/16 | 65 | 123 | 132 | 11/16X16 | 3/8 | 1/4 | 5010 | 5210 | 1013 |

| | PANEL NUMBER | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4038 | 50 47 | 48 | 7/8 | 70 | 132 | 123 | 3/4 X16 | 3/8 | 1/4 | 1013 | 5210 | 5010 |
| | 4128 | 50 47 | 48 | 7/8 | 50 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 2 | 4218 | 50 47 | 48 | 7/8 | 42 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5210 | 7240 | 5210 |
| | 4308 | 50 47 | 48 | 7/8 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 1111 | 5210 | 1111 |
| | 4398 | 50 47 | 48 | 7/8 | 36 | 122 | 123 | 5/16X16 | 5/16 | 0 | 5210 | 1111 | 5210 |
| | 4488 | 50 47 | 48 | 7/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| | 4578 | 50 47 | 48 | 7/8 | 65 | 123 | 132 | 3/4 X16 | 3/8 | 1/4 | 5010 | 5210 | 1013 |

LESLIE E. ROBERTSON — REGISTERED PROFESSIONAL ENGINEER — No. 34360 — STATE OF NEW YORK

4-81-209

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 1008 50 48 | 210 | 132 | 75 | 75 | 681 | 681 | 535 | 75 | 75 | 0 | 0 | 135 | 70 | 70 | 682 | 682 |
| 3008 50 48 | 210 | 132 | 80 | 80 | 681 | 681 | 535 | 80 | 80 | 0 | 0 | 135 | 75 | 75 | 682 | 682 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 1008 50 48 | 50 | 13/16 | 50 | 132 | 132 | 3/4 X16 | 7/16 | 0 | 5410 | 5010 | 1313 |
| 3008 50 48 | 50 | 13/16 | 55 | 132 | 132 | 11/16X16 | 3/8 | 0 | 5410 | 5010 | 1313 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 1008 50 48 | 49 | 13/16 | 50 | 132 | 132 | 3/4 X16 | 7/16 | 0 | 5410 | 5010 | 1313 |
| 3008 50 48 | 49 | 13/16 | 55 | 132 | 132 | 3/4 X16 | 7/16 | 0 | 5410 | 5010 | 1313 |

4-81-210

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 109B 51 48 | 300 | 140 | 55 | 55 | 492 | 492 | 141 | 50 | 50 | 492 | 492 | 142 | 50 | 50 | 492 | 492 |
| 118B 51 48 | 300 | 142 | 55 | 55 | 492 | 492 | 142 | 55 | 55 | 492 | 492 | 142 | 55 | 55 | 492 | 492 |
| 127B 51 48 | 300 | 142 | 55 | 55 | 492 | 492 | 142 | 55 | 55 | 492 | 492 | 143 | 55 | 55 | 492 | 492 |
| 133B 51 48 | 300 | 144 | 55 | 55 | 492 | 492 | 144 | 55 | 55 | 492 | 492 | 144 | 55 | 55 | 492 | 492 |
| 142B 51 48 | 300 | 143 | 55 | 55 | 492 | 492 | 143 | 55 | 55 | 492 | 492 | 142 | 55 | 55 | 492 | 492 |
| 151B 51 48 | 300 | 142 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 492 | 492 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 109B 51 48 | 51 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 118B 51 48 | 51 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 127B 51 48 | 51 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5110 | 1411 | 5210 |
| 133B 51 48 | 51 | 13/16 | 36 | 123 | 123 | 9/16X16 | (3/8 | 0 | 5210 | 1411 | 5110 |
| 142B 51 48 | 51 | 13/16 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 151B 51 48 | 51 | 13/16 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 109B 51 48 | 50 | 13/16 | 36 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 118B 51 48 | 50 | 13/16 | 36 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 127B 51 48 | 50 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5110 | 1411 | 5210 |
| 133B 51 48 | 50 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5110 |
| 142B 51 48 | 50 | 13/16 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 151B 51 48 | 50 | 13/16 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 109B 51 48 | 49 | 13/16 | 36 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 118B 51 48 | 49 | 13/16 | 36 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 127B 51 48 | 49 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 1411 | 5210 |
| 133B 51 48 | 49 | 13/16 | 42 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5110 |
| 142B 51 48 | 49 | 13/16 | 36 | 124 | 124 | 11/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 151B 51 48 | 49 | 13/16 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 5-14-69

REVISIONS

| | PANEL NUMBER | | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2098 | 51 48 | 300 | 129 | 70 | 70 | 491 | 491 | 129 | 70 | 70 | 491 | 491 | 129 | 65 | 65 | 491 | 491 |
| 4 | 2188 | 51 48 | 300 | 135 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 445 | 492 | 135 | 55 | 55 | 445 | 492 |
| 4 | 2278 | 51 48 | 300 | 133 | 55 | 55 | 441 | 442 | 133 | 55 | 55 | 434 | 442 | 133 | 55 | 55 | 434 | 442 |
| 4 | 2338 | 51 48 | 300 | 133 | 55 | 55 | 434 | 442 | 133 | 55 | 55 | 434 | 442 | 133 | 55 | 55 | 434 | 442 |
| 4 | 2428 | 51 48 | 300 | 135 | 60 | 60 | 445 | 492 | 135 | 60 | 60 | 445 | 492 | 135 | 60 | 60 | 445 | 492 |
| | 2518 | 51 48 | 300 | 129 | 70 | 70 | 491 | 491 | 129 | 75 | 75 | 491 | 491 | 129 | 75 | 75 | 491 | 491 |

X

| | PANEL NUMBER | | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2098 | 51 48 | 51 | 13/16 | 50 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5010 | 5210 | 1212 |
| | 2188 | 51 48 | 51 | 13/16 | 42 | 123 | 122 | 3/8 X16 | 5/16 | 0 | 1611 | 5210 | 1111 |
| | 2278 | 51 48 | 51 | 13/16 | 36 | 122 | 122 | 5/16X12 | 5/16 | 0 | 5110 | 1111 | 5210 |
| | 2338 | 51 48 | 51 | 13/16 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5210 | 1111 | 5110 |
| | 2428 | 51 48 | 51 | 13/16 | 42 | 122 | 123 | 5/16X16 | 5/16 | 0 | 1611 | 5210 | 1611 |
| | 2518 | 51 48 | 51 | 13/16 | 50 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1212 | 5210 | 5010 |

| | PANEL NUMBER | | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2098 | 51 48 | 50 | 13/16 | 45 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5010 | 5210 | 1212 |
| | 2188 | 51 48 | 50 | 13/16 | 42 | 123 | 122 | 3/8 X16 | 5/16 | 0 | 1611 | 5210 | 1111 |
| | 2278 | 51 48 | 50 | 13/16 | 36 | 122 | 122 | 5/16X12 | 5/16 | 0 | 5110 | 1111 | 5210 |
| | 2338 | 51 48 | 50 | 13/16 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 5210 | 1111 | 5110 |
| | 2428 | 51 48 | 50 | 13/16 | 42 | 122 | 123 | 5/16X16 | 5/16 | 0 | 1111 | 5210 | 1611 |
| | 2518 | 51 48 | 50 | 13/16 | 50 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1212 | 5210 | 5010 |

LESLIE E. ROBERTSON REGISTERED PROFESSIONAL ENGINEER No. 34360 CITY OF THE STATE OF NEW YORK

| | PANEL NUMBER | | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2098 | 51 48 | 49 | 13/16 | 45 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5010 | 5210 | 1212 |
| | 2188 | 51 48 | 49 | 13/16 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1611 | 5210 | 1111 |
| | 2278 | 51 48 | 49 | 13/16 | 36 | 122 | 122 | 5/16X12 | 5/16 | 0 | 5110 | 1111 | 5210 |
| | 2338 | 51 48 | 49 | 13/16 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 2 | 2428 | 51 48 | 49 | 13/16 | 42 | 122 | 123 | 3/8 X16 | 5/16 | 0 | 4120 | 5210 | 4510 |
| | 2518 | 51 48 | 49 | 13/16 | 50 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1212 | 5210 | 5010 |

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 309B | 51 48 | 300 | 140 | 55 | 55 | 492 | 492 | 141 | 50 | 50 | 492 | 492 | 142 | 50 | 50 | 492 | 492 |
| 318B | 51 48 | 300 | 142 | 50 | 50 | 492 | 492 | 142 | 50 | 50 | 492 | 492 | 142 | 50 | 50 | 492 | 492 |
| 327B | 51 48 | 300 | 142 | 45 | 45 | 492 | 492 | 142 | 45 | 45 | 492 | 492 | 143 | 45 | 45 | 492 | 492 |
| 333B | 51 48 | 300 | 144 | 45 | 45 | 492 | 492 | 144 | 45 | 45 | 492 | 492 | 144 | 45 | 45 | 492 | 492 |
| 342B | 51 48 | 300 | 143 | 50 | 50 | 492 | 492 | 143 | 50 | 50 | 492 | 492 | 142 | 50 | 50 | 492 | 492 |
| 351B | 51 48 | 300 | 142 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 492 | 492 |

| PANEL NUMBER | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 309B | 51 48 | 51 | 13/16 | 36 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 318B | 51 48 | 51 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 327B | 51 48 | 51 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5110 | 1411 | 5210 |
| 333B | 51 48 | 51 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5110 |
| 342B | 51 48 | 51 | 13/16 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 351B | 51 48 | 51 | 13/16 | 42 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 309B | 51 48 | 50 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 318B | 51 48 | 50 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 327B | 51 48 | 50 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5110 | 1411 | 5210 |
| 333B | 51 48 | 50 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5110 |
| 342B | 51 48 | 50 | 13/16 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 351B | 51 48 | 50 | 13/16 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 309B | 51 48 | 49 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 318B | 51 48 | 49 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 327B | 51 48 | 49 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5110 | 1411 | 5210 |
| 333B | 51 48 | 49 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5110 |
| 342B | 51 48 | 49 | 13/16 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 351B | 51 48 | 49 | 13/16 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |

4-81-213

**SKILLING, HELLE, CHRISTIANSEN, ROBERTSON** — Structural & Civil Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 5-14-69

EVISIONS

| | PANEL NUMBER | | | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4098 | 51 | 48 | 300 | 129 | 80 | 80 | 491 | 491 | 129 | 80 | 80 | 491 | 491 | 129 | 70 | 70 | 491 | 491 |
| 4 | 4188 | 51 | 48 | 300 | 135 | 60 | 60 | 445 | 492 | 135 | 60 | 60 | 445 | 492 | 135 | 60 | 60 | 445 | 492 |
| 4 | 4278 | 51 | 48 | 300 | 133 | 55 | 55 | 434 | 442 | 133 | 55 | 55 | 434 | 442 | 133 | 55 | 55 | 434 | 442 |
| 4 | 4338 | 51 | 48 | 300 | 133 | 55 | 55 | 434 | 442 | 133 | 55 | 55 | 434 | 442 | 133 | 55 | 55 | 441 | 442 |
| 4 | 4428 | 51 | 48 | 300 | 135 | 50 | 50 | 445 | 492 | 135 | 50 | 50 | 445 | 492 | 135 | 50 | 50 | 492 | 492 |
| | 4518 | 51 | 48 | 300 | 129 | 65 | 65 | 491 | 491 | 129 | 70 | 70 | 491 | 491 | 129 | 70 | 70 | 491 | 491 |

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4098 | 51 | 48 | 51 | 13/16 | 55 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5010 | 5210 | 1212 |
| | 4188 | 51 | 48 | 51 | 13/16 | 42 | 123 | 122 | 5/16X16 | 5/16 | 0 | 1611 | 5210 | 1111 |
| | 4278 | 51 | 48 | 51 | 13/16 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 5110 | 1111 | 5210 |
| | 4338 | 51 | 48 | 51 | 13/16 | 36 | 122 | 122 | 5/16X12 | 5/16 | 0 | 5210 | 1111 | 5110 |
| | 4428 | 51 | 48 | 51 | 13/16 | 36 | 122 | 123 | 3/8 X16 | 5/16 | 0 | 1111 | 5210 | 1611 |
| | 4518 | 51 | 48 | 51 | 13/16 | 50 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1212 | 5210 | 5010 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4098 | 51 | 48 | 50 | 13/16 | 50 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5010 | 5210 | 1212 |
| 4188 | 51 | 48 | 50 | 13/16 | 42 | 123 | 122 | 3/8 X16 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 4278 | 51 | 48 | 50 | 13/16 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 4338 | 51 | 48 | 50 | 13/16 | 36 | 122 | 122 | 5/16X12 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 4428 | 51 | 48 | 50 | 13/16 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 4518 | 51 | 48 | 50 | 13/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1212 | 5210 | 5010 |

| | PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4098 | 51 | 48 | 49 | 13/16 | 50 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5010 | 5210 | 1212 |
| 2 | 4188 | 51 | 48 | 49 | 13/16 | 42 | 123 | 122 | 3/8 X16 | 5/16 | 0 | 4510 | 5210 | 4120 |
| | 4278 | 51 | 48 | 49 | 13/16 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 5110 | 1111 | 5210 |
| | 4338 | 51 | 48 | 49 | 13/16 | 36 | 122 | 122 | 5/16X13 | 5/16 | 0 | 5210 | 1111 | 5110 |
| | 4428 | 51 | 48 | 49 | 13/16 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1111 | 5210 | 1611 |
| | 4518 | 51 | 48 | 49 | 13/16 | 45 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1212 | 5210 | 5010 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34350 — UNIVERSITY OF THE STATE OF NEW YORK

4-81-214

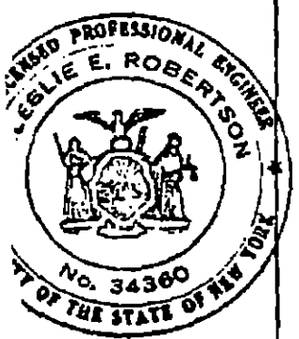
PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 2008 | 51 | 49 | 210 | 135 | 75 | 75 | 682 | 682 | 535 | 75 | 75 | 0 | 0 | 132 | 75 | 75 | 681 | 681 |
| 4008 | 51 | 49 | 210 | 135 | 80 | 80 | 682 | 682 | 535 | 80 | 80 | 0 | 0 | 132 | 80 | 80 | 681 | 681 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 2008 | 51 | 49 | 51 | 13/16 | 50 | 132 | 132 | 3/4 X16 | 7/16 | 0 | 1313 | 5010 | 5610 |
| 4008 | 51 | 49 | 51 | 13/16 | 55 | 132 | 132 | 3/4 X16 | 7/16 | 0 | 1313 | 5010 | 5610 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 2008 | 51 | 49 | 50 | 13/16 | 55 | 132 | 132 | 3/4 X16 | 7/16 | 0 | 1313 | 5010 | 5610 |
| 4008 | 51 | 49 | 50 | 13/16 | 55 | 132 | 132 | 3/4 X16 | 7/16 | 0 | 1313 | 5010 | 5610 |




4-81-215

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 106B | 52 | 49 | 300 | 137 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 |
| 115B | 52 | 49 | 300 | 141 | 50 | 50 | 492 | 492 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 |
| 124B | 52 | 49 | 300 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 |
| 136B | 52 | 49 | 300 | 143 | 55 | 55 | 492 | 492 | 143 | 55 | 55 | 492 | 492 | 143 | 55 | 55 | 492 | 492 |
| 145B | 52 | 49 | 300 | 142 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 |
| 154B | 52 | 49 | 300 | 139 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 | 137 | 55 | 55 | 492 | 492 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B | 52 | 49 | 52 | 13/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 1311 | 5110 | 1411 |
| 115B | 52 | 49 | 52 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 124B | 52 | 49 | 52 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 136B | 52 | 49 | 52 | 13/16 | 36 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 145B | 52 | 49 | 52 | 13/16 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 154B | 52 | 49 | 52 | 13/16 | 42 | 124 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B | 52 | 49 | 51 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1311 | 5110 | 1411 |
| 115B | 52 | 49 | 51 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 124B | 52 | 49 | 51 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 136B | 52 | 49 | 51 | 13/16 | 36 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 145B | 52 | 49 | 51 | 13/16 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 154B | 52 | 49 | 51 | 13/16 | 42 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B | 52 | 49 | 50 | 13/16 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1311 | 5110 | 1411 |
| 115B | 52 | 49 | 50 | 13/16 | 36 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 124B | 52 | 49 | 50 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 136B | 52 | 49 | 50 | 13/16 | 36 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 145B | 52 | 49 | 50 | 13/16 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 154B | 52 | 49 | 50 | 13/16 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1411 | 5110 | 1311 |

4-B1-216

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 206B | 52 | 49 | 300 | 128 | 75 | 75 | 491 | 491 | 128 | 75 | 75 | 491 | 491 | 128 | 75 | 75 | 491 | 491 |
| 215B | 52 | 49 | 300 | 131 | 60 | 60 | 491 | 491 | 132 | 60 | 60 | 491 | 491 | 134 | 55 | 55 | 491 | 492 |
| 224B | 52 | 49 | 300 | 132 | 55 | 55 | 441 | 441 | 132 | 55 | 55 | 441 | 441 | 132 | 55 | 55 | 441 | 441 |
| 236B | 52 | 49 | 300 | 132 | 55 | 55 | 441 | 441 | 132 | 60 | 60 | 441 | 441 | 132 | 60 | 60 | 441 | 441 |
| 245B | 52 | 49 | 300 | 134 | 60 | 60 | 441 | 492 | 132 | 60 | 60 | 441 | 491 | 131 | 65 | 65 | 491 | 491 |
| 254B | 52 | 49 | 300 | 128 | 75 | 75 | 491 | 491 | 128 | 75 | 75 | 491 | 491 | 128 | 75 | 75 | 491 | 491 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 206B | 52 | 49 | 52 | 13/16 | 50 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1212 | 5110 |
| 215B | 52 | 49 | 52 | 13/16 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 224B | 52 | 49 | 52 | 13/16 | 36 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 236B | 52 | 49 | 52 | 13/16 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 245B | 52 | 49 | 52 | 13/16 | 45 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 254B | 52 | 49 | 52 | 13/16 | 50 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 206B | 52 | 49 | 51 | 13/16 | 50 | 123 | 123 | 5/8 X16 | 5/16 | 0 | 5110 | 1212 | 5110 |
| 215B | 52 | 49 | 51 | 13/16 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 224B | 52 | 49 | 51 | 13/16 | 36 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 236B | 52 | 49 | 51 | 13/16 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 245B | 52 | 49 | 51 | 13/16 | 45 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 254B | 52 | 49 | 51 | 13/16 | 55 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1212 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 206B | 52 | 49 | 50 | 13/16 | 50 | 123 | 123 | 5/8 X16 | 5/16 | 0 | 5110 | 1212 | 5110 |
| 215B | 52 | 49 | 50 | 13/16 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 224B | 52 | 49 | 50 | 13/16 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 236B | 52 | 49 | 50 | 13/16 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 245B | 52 | 49 | 50 | 13/16 | 45 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 254B | 52 | 49 | 50 | 13/16 | 55 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1212 | 5110 |

4-81-217

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 306B | 52 | 49 | 300 | 137 | 60 | 60 | 492 | 492 | 138 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 |
| 315B | 52 | 49 | 300 | 141 | 50 | 50 | 492 | 492 | 141 | 50 | 50 | 492 | 492 | 141 | 50 | 50 | 492 | 492 |
| 324B | 52 | 49 | 300 | 141 | 46 | 46 | 492 | 492 | 141 | 45 | 45 | 492 | 492 | 141 | 45 | 45 | 492 | 492 |
| 336B | 52 | 49 | 300 | 143 | 46 | 46 | 492 | 492 | 143 | 46 | 46 | 492 | 492 | 143 | 50 | 50 | 492 | 492 |
| 345B | 52 | 49 | 300 | 142 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 |
| 354B | 52 | 49 | 300 | 139 | 60 | 60 | 492 | 492 | 138 | 60 | 60 | 492 | 492 | 137 | 60 | 60 | 492 | 492 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 306B | 52 | 49 | 52 | 13/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1311 | 5110 | 1411 |
| 315B | 52 | 49 | 52 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 324B | 52 | 49 | 52 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 336B | 52 | 49 | 52 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 345B | 52 | 49 | 52 | 13/16 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 354B | 52 | 49 | 52 | 13/16 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5110 | 1311 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 306B | 52 | 49 | 51 | 13/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 1311 | 5110 | 1411 |
| 315B | 52 | 49 | 51 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 324B | 52 | 49 | 51 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 336B | 52 | 49 | 51 | 13/16 | 36 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 345B | 52 | 49 | 51 | 13/16 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 354B | 52 | 49 | 51 | 13/16 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 306B | 52 | 49 | 50 | 13/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 1311 | 5110 | 1411 |
| 315B | 52 | 49 | 50 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 324B | 52 | 49 | 50 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 336B | 52 | 49 | 50 | 13/16 | 36 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 345B | 52 | 49 | 50 | 13/16 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 354B | 52 | 49 | 50 | 13/16 | 42 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 1411 | 5110 | 1311 |

4-B1-218

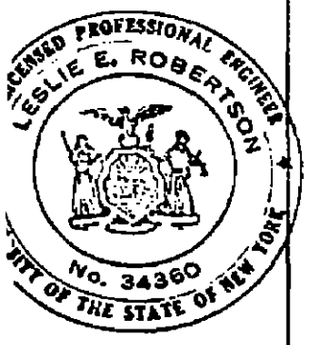
WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 406B | 52 | 49 | 300 | 128 | 80 | 80 | 491 | 491 | 128 | 80 | 80 | 491 | 491 | 128 | 80 | 80 | 491 | 491 |
| 415B | 52 | 49 | 300 | 131 | 65 | 65 | 491 | 491 | 132 | 65 | 65 | 491 | 491 | 134 | 60 | 60 | 491 | 492 |
| 424B | 52 | 49 | 300 | 132 | 60 | 60 | 441 | 441 | 132 | 60 | 60 | 441 | 441 | 132 | 60 | 60 | 441 | 441 |
| 436B | 52 | 49 | 300 | 132 | 50 | 50 | 441 | 441 | 132 | 50 | 50 | 441 | 441 | 132 | 50 | 50 | 441 | 441 |
| 445B | 52 | 49 | 300 | 134 | 50 | 50 | 491 | 492 | 132 | 55 | 55 | 491 | 491 | 131 | 55 | 55 | 491 | 491 |
| 454B | 52 | 49 | 300 | 128 | 70 | 70 | 491 | 491 | 128 | 70 | 70 | 491 | 491 | 128 | 70 | 70 | 491 | 491 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 406B | 52 | 49 | 52 | 13/16 | 55 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1212 | 5110 |
| 415B | 52 | 49 | 52 | 13/16 | 45 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 424B | 52 | 49 | 52 | 13/16 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 436B | 52 | 49 | 52 | 13/16 | 36 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 445B | 52 | 49 | 52 | 13/16 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 454B | 52 | 49 | 52 | 13/16 | 50 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1212 | 5110 |




| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 406B | 52 | 49 | 51 | 13/16 | 55 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1212 | 5110 |
| 415B | 52 | 49 | 51 | 13/16 | 45 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 424B | 52 | 49 | 51 | 13/16 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 436B | 52 | 49 | 51 | 13/16 | 36 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 445B | 52 | 49 | 51 | 13/16 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 454B | 52 | 49 | 51 | 13/16 | 50 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 406B | 52 | 49 | 50 | 13/16 | 55 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1212 | 5110 |
| 415B | 52 | 49 | 50 | 13/16 | 45 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 424B | 52 | 49 | 50 | 13/16 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 436B | 52 | 49 | 50 | 13/16 | 36 | 122 | 122 | 5/16X14 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 445B | 52 | 49 | 50 | 13/16 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 454B | 52 | 49 | 50 | 13/16 | 50 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1212 | 5110 |

4-81-219

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 100B | 52 | 50 | 210 | 132 | 75 | 75 | 681 | 681 | 534 | 75 | 75 | 0 | 0 | 134 | 70 | 70 | 682 | 682 |
| 300B | 52 | 50 | 210 | 132 | 80 | 80 | 681 | 681 | 534 | 80 | 80 | 0 | 0 | 134 | 75 | 75 | 682 | 682 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 100B | 52 | 50 | 52 | 13/16 | 55 | 132 | 132 | 3/4 X16 | 7/16 | 0 | 5410 | 5010 | 1313 |
| 300B | 52 | 50 | 52 | 13/16 | 55 | 131 | 132 | 11/16X16 | 3/8 | 0 | 5410 | 5010 | 1313 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 100B | 52 | 50 | 51 | 13/16 | 50 | 132 | 132 | 3/4 X16 | 7/16 | 0 | 5410 | 5010 | 1313 |
| 300B | 52 | 50 | 51 | 13/16 | 55 | 132 | 132 | 11/16X16 | 3/8 | 0 | 5410 | 5010 | 1313 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

4-B1-220

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 103B 53 50 | 300 | 132 | 70 | 70 | 491 | 491 | 133 | 60 | 60 | 491 | 492 | 135 | 55 | 55 | 492 | 492 |
| 112B 53 50 | 300 | 141 | 50 | 50 | 492 | 492 | 141 | 50 | 50 | 492 | 492 | 141 | 50 | 50 | 492 | 492 |
| 121B 53 50 | 300 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 |
| 130B 53 50 | 300 | 142 | 55 | 55 | 492 | 492 | 142 | 55 | 55 | 492 | 492 | 142 | 55 | 55 | 492 | 492 |
| 139B 53 50 | 300 | 143 | 55 | 55 | 492 | 492 | 142 | 55 | 55 | 492 | 492 | 142 | 55 | 55 | 492 | 492 |
| 148B 53 50 | 300 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 |
| 157B 53 50 | 300 | 135 | 60 | 60 | 492 | 492 | 133 | 65 | 65 | 491 | 492 | 132 | 75 | 75 | 491 | 681 |

X

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | WELD NO 6 | WELD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 103B 53 50 | 53 | 13/16 | 55 | 132 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 1311 | 5210 |
| 112B 53 50 | 53 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1511 | 5210 | 1411 |
| 121B 53 50 | 53 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 130B 53 50 | 53 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 139B 53 50 | 53 | 13/16 | 36 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 148B 53 50 | 53 | 13/16 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1411 | 5210 | 1511 |
| 157B 53 50 | 53 | 13/16 | 55 | 123 | 132 | 5/8 X16 | 3/8 | 0 | 5210 | 1311 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | WELD NO 6 | WELD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 103B 53 50 | 52 | 13/16 | 55 | 132 | 123 | 5/8 X16 | 3/8 | 0 | 5110 | 1311 | 5210 |
| 112B 53 50 | 52 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1511 | 5210 | 1411 |
| 121B 53 50 | 52 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 130B 53 50 | 52 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 139B 53 50 | 52 | 13/16 | 36 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 148B 53 50 | 52 | 13/16 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1411 | 5210 | 1511 |
| 157B 53 50 | 52 | 13/16 | 60 | 123 | 132 | 5/8 X16 | 3/8 | 0 | 5210 | 1311 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | WELD NO 6 | WELD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 103B 53 50 | 51 | 13/16 | 50 | 132 | 123 | 5/8 X16 | 3/8 | 0 | 5110 | 1311 | 5210 |
| 112B 53 50 | 51 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1511 | 5210 | 1411 |
| 121B 53 50 | 51 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 130B 53 50 | 51 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 139B 53 50 | 51 | 13/16 | 36 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 148B 53 50 | 51 | 13/16 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1411 | 5210 | 1511 |
| 157B 53 50 | 51 | 13/16 | 55 | 123 | 132 | 5/8 X16 | 3/8 | 0 | 5210 | 1311 | 5110 |

4-B1-221

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

| PANEL NUMBER | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 203B | 53 50 | 300 | 127 | 85 | 85 | 491 | 491 | 128 | 75 | 75 | 491 | 491 | 128 | 75 | 75 | 491 | 491 |
| 212B | 53 50 | 300 | 129 | 70 | 70 | 491 | 491 | 129 | 65 | 65 | 491 | 491 | 130 | 65 | 65 | 491 | 491 |
| 221B | 53 50 | 300 | 134 | 55 | 55 | 442 | 442 | 133 | 55 | 55 | 441 | 442 | 133 | 55 | 55 | 441 | 442 |
| 230B | 53 50 | 300 | 132 | 55 | 55 | 431 | 431 | 132 | 55 | 55 | 431 | 431 | 132 | 55 | 55 | 431 | 431 |
| 239B | 53 50 | 300 | 133 | 60 | 60 | 441 | 442 | 133 | 60 | 60 | 441 | 442 | 134 | 55 | 55 | 442 | 442 |
| 248B | 53 50 | 300 | 130 | 70 | 70 | 491 | 491 | 129 | 70 | 70 | 491 | 491 | 129 | 75 | 75 | 491 | 491 |
| 257B | 53 50 | 300 | 128 | 80 | 80 | 491 | 491 | 128 | 80 | 80 | 491 | 491 | 127 | 90 | 90 | 491 | 491 |

| PANEL NUMBER | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 203B | 53 50 | 53 | 13/16 | 65 | 132 | 123 | 11/16X16 | 5/16 | 0 | 1013 | 5210 | 5010 |
| 212B | 53 50 | 53 | 13/16 | 50 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 221B | 53 50 | 53 | 13/16 | 36 | 122 | 122 | 5/16X14 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 230B | 53 50 | 53 | 13/16 | 36 | 122 | 122 | 5/16X10 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 239B | 53 50 | 53 | 13/16 | 42 | 122 | 122 | 5/16X14 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 248B | 53 50 | 53 | 13/16 | 50 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 257B | 53 50 | 53 | 13/16 | 70 | 123 | 131 | 5/8 X16 | 5/16 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 203B | 53 50 | 52 | 13/16 | 65 | 132 | 123 | 11/16X16 | 3/8 | 1/4 | 1013 | 5210 | 5010 |
| 212B | 53 50 | 52 | 13/16 | 50 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 221B | 53 50 | 52 | 13/16 | 42 | 122 | 122 | 5/16X14 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 230B | 53 50 | 52 | 13/16 | 36 | 122 | 122 | 5/16X10 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 239B | 53 50 | 52 | 13/16 | 42 | 122 | 122 | 5/16X14 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 248B | 53 50 | 52 | 13/16 | 50 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 257B | 53 50 | 52 | 13/16 | 70 | 123 | 131 | 5/8 X16 | 5/16 | 0 | 5010 | 5210 | 1013 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

| PANEL NUMBER | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 203B | 53 50 | 51 | 13/16 | 65 | 132 | 123 | 11/16X16 | 3/8 | 1/4 | 1013 | 5210 | 5010 |
| 212B | 53 50 | 51 | 13/16 | 45 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 221B | 53 50 | 51 | 13/16 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 230B | 53 50 | 51 | 13/16 | 36 | 122 | 122 | 5/16X10 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 239B | 53 50 | 51 | 13/16 | 42 | 122 | 122 | 5/16X14 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 248B | 53 50 | 51 | 13/16 | 46 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 257B | 53 50 | 51 | 13/16 | 70 | 123 | 132 | 5/8 X16 | 5/16 | 0 | 5010 | 5210 | 1013 |

4-81-222

**WORTHINGTON, SKILLING, HELLE & JACKSON** — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

DIVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 303B 53 50 | 300 | 132 | 75 | 75 | 491 | 491 | 133 | 65 | 65 | 491 | 492 | 135 | 60 | 60 | 492 | 492 |
| 312B 53 50 | 300 | 141 | 50 | 50 | 492 | 492 | 141 | 50 | 50 | 492 | 492 | 141 | 50 | 50 | 492 | 492 |
| 321B 53 50 | 300 | 141 | 50 | 50 | 492 | 492 | 141 | 46 | 46 | 492 | 492 | 141 | 46 | 46 | 492 | 492 |
| 330B 53 50 | 300 | 142 | 45 | 45 | 492 | 492 | 142 | 45 | 45 | 492 | 492 | 142 | 45 | 45 | 492 | 492 |
| 339B 53 50 | 300 | 143 | 50 | 50 | 492 | 492 | 142 | 50 | 50 | 492 | 492 | 142 | 50 | 50 | 492 | 492 |
| 348B 53 50 | 300 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 |
| 357B 53 50 | 300 | 135 | 60 | 60 | 492 | 492 | 133 | 70 | 70 | 491 | 492 | 132 | 75 | 75 | 491 | 681 |

X

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 303B 53 50 | 53 | 13/16 | 60 | 131 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1311 | 5210 |
| 312B 53 50 | 53 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1511 | 5210 | 1411 |
| 321B 53 50 | 53 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 330B 53 50 | 53 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 339B 53 50 | 53 | 13/16 | 36 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 348B 53 50 | 53 | 13/16 | 36 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 1411 | 5210 | 1511 |
| 357B 53 50 | 53 | 13/16 | 60 | 123 | 132 | 5/8 X16 | 3/8 | 0 | 5210 | 1311 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 303B 53 50 | 52 | 13/16 | 60 | 132 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 1311 | 5210 |
| 312B 53 50 | 52 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1511 | 5210 | 1411 |
| 321B 53 50 | 52 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 330B 53 50 | 52 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 339B 53 50 | 52 | 13/16 | 36 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 348B 53 50 | 52 | 13/16 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1411 | 5210 | 1511 |
| 357B 53 50 | 52 | 13/16 | 60 | 123 | 132 | 5/8 X16 | 3/8 | 0 | 5210 | 1311 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 303B 53 50 | 51 | 13/16 | 55 | 132 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 1311 | 5210 |
| 312B 53 50 | 51 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1511 | 5210 | 1411 |
| 321B 53 50 | 51 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 330B 53 50 | 51 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 339B 53 50 | 51 | 13/16 | 36 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 348B 53 50 | 51 | 13/16 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1411 | 5210 | 1511 |
| 357B 53 50 | 51 | 13/16 | 60 | 123 | 132 | 5/8 X16 | 3/8 | 0 | 5210 | 1311 | 5110 |

4-81-223

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 403B 53 50 | 300 | 127 | 90 | 90 | 491 | 491 | 128 | 85 | 85 | 491 | 491 | 128 | 85 | 85 | 491 | 491 |
| 412B 53 50 | 300 | 129 | 75 | 75 | 491 | 491 | 129 | 70 | 70 | 491 | 491 | 130 | 70 | 70 | 491 | 491 |
| 421B 53 50 | 300 | 134 | 60 | 60 | 442 | 442 | 133 | 60 | 60 | 441 | 442 | 133 | 60 | 60 | 441 | 442 |
| 430B 53 50 | 300 | 132 | 55 | 55 | 431 | 431 | 132 | 55 | 55 | 431 | 431 | 132 | 55 | 55 | 431 | 431 |
| 439B 53 50 | 300 | 133 | 50 | 50 | 441 | 442 | 133 | 50 | 50 | 441 | 442 | 134 | 50 | 50 | 442 | 442 |
| 448B 53 50 | 300 | 130 | 60 | 60 | 491 | 491 | 129 | 60 | 60 | 491 | 491 | 129 | 70 | 70 | 491 | 491 |
| 457B 53 50 | 300 | 128 | 75 | 75 | 491 | 491 | 128 | 75 | 75 | 491 | 491 | 127 | 85 | 85 | 491 | 491 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 403B 53 50 | 53 | 13/16 | 70 | 132 | 123 | 11/16X16 | 5/16 | 0 | 1013 | 5210 | 5010 |
| 412B 53 50 | 53 | 13/16 | 55 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 421B 53 50 | 53 | 13/16 | 42 | 122 | 122 | 5/16X14 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 430B 53 50 | 53 | 13/16 | 36 | 122 | 122 | 5/16X11 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 439B 53 50 | 53 | 13/16 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 448B 53 50 | 53 | 13/16 | 45 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 457B 53 50 | 53 | 13/16 | 65 | 123 | 132 | 11/16X16 | 5/16 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 403B 53 50 | 52 | 13/16 | 70 | 132 | 123 | 11/16X16 | 5/16 | 0 | 1013 | 5210 | 5010 |
| 412B 53 50 | 52 | 13/16 | 55 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 421B 53 50 | 52 | 13/16 | 42 | 122 | 122 | 5/16X14 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 430B 53 50 | 52 | 13/16 | 36 | 122 | 122 | 5/16X11 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 439B 53 50 | 52 | 13/16 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 448B 53 50 | 52 | 13/16 | 46 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 457B 53 50 | 52 | 13/16 | 65 | 123 | 132 | 11/16X16 | 5/16 | 0 | 5010 | 5210 | 1013 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 403B 53 50 | 51 | 13/16 | 75 | 132 | 123 | 11/16X16 | 3/8 | 1/4 | 1013 | 5210 | 5010 |
| 412B 53 50 | 51 | 13/16 | 50 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 421B 53 50 | 51 | 13/16 | 42 | 122 | 122 | 5/16X14 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 430B 53 50 | 51 | 13/16 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 439B 53 50 | 51 | 13/16 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 448B 53 50 | 51 | 13/16 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 457B 53 50 | 51 | 13/16 | 65 | 123 | 132 | 11/16X16 | 5/16 | 0 | 5010 | 5210 | 1013 |

4-B1-224

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

DIVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 2008 53 51 | 210 | 134 | 75 | 75 | 682 | 682 | 534 | 80 | 80 | 0 | 0 | 131 | 80 | 80 | 681 | 681 |
| 4008 53 51 | 210 | 134 | 80 | 80 | 682 | 682 | 534 | 85 | 85 | 0 | 0 | 131 | 85 | 85 | 681 | 681 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 2008 53 51 | 53 | 13/16 | 55 | 132 | 132 | 3/4 X16 | 7/16 | 0 | 1313 | 5010 | 5610 |
| 4008 53 51 | 53 | 13/16 | 60 | 132 | 132 | 3/4 X16 | 7/16 | 0 | 1313 | 5010 | 5610 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 2008 53 51 | 52 | 13/16 | 55 | 132 | 132 | 3/4 X16 | 7/16 | 0 | 1313 | 5010 | 5610 |
| 4008 53 51 | 52 | 13/16 | 60 | 132 | 132 | 3/4 X16 | 7/16 | 0 | 1313 | 5010 | 5610 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

4-B1-225

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

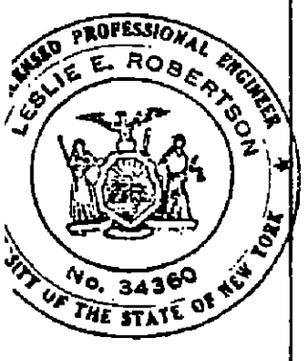
PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 109B 54 51 | 300 | 139 | 55 | 55 | 492 | 492 | 140 | 50 | 50 | 492 | 492 | 141 | 50 | 50 | 492 | 492 |
| 118B 54 51 | 300 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 |
| 127B 54 51 | 300 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 |
| 133B 54 51 | 300 | 142 | 55 | 55 | 492 | 492 | 142 | 55 | 55 | 492 | 492 | 142 | 55 | 55 | 492 | 492 |
| 142B 54 51 | 300 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 |
| 151B 54 51 | 300 | 141 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 109B 54 51 | 54 | 13/16 | 36 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 118B 54 51 | 54 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 127B 54 51 | 54 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5110 | 1411 | 5210 |
| 133B 54 51 | 54 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5110 |
| 142B 54 51 | 54 | 13/16 | 42 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 151B 54 51 | 54 | 13/16 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 109B 54 51 | 53 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 118B 54 51 | 53 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 127B 54 51 | 53 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5110 | 1411 | 5210 |
| 133B 54 51 | 53 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5110 |
| 142B 54 51 | 53 | 13/16 | 36 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 151B 54 51 | 53 | 13/16 | 42 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |




| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 109B 54 51 | 52 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 118B 54 51 | 52 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 127B 54 51 | 52 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5110 | 1411 | 5210 |
| 133B 54 51 | 52 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5110 |
| 142B 54 51 | 52 | 13/16 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 151B 54 51 | 52 | 13/16 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |

4-B1-226

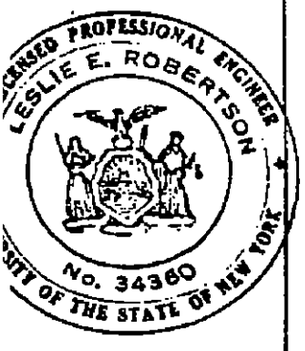
**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 2098 54 51 | 300 | 128 | 70 | 70 | 491 | 491 | 128 | 70 | 70 | 491 | 491 | 128 | 70 | 70 | 491 | 491 |
| 2188 54 51 | 300 | 134 | 55 | 55 | 441 | 492 | 134 | 55 | 55 | 441 | 442 | 134 | 55 | 55 | 441 | 442 |
| 2278 54 51 | 300 | 132 | 50 | 50 | 431 | 441 | 132 | 50 | 50 | 431 | 431 | 132 | 50 | 50 | 431 | 431 |
| 2338 54 51 | 300 | 132 | 55 | 55 | 431 | 431 | 132 | 55 | 55 | 431 | 431 | 132 | 55 | 55 | 431 | 431 |
| 2428 54 51 | 300 | 134 | 60 | 60 | 441 | 442 | 134 | 60 | 60 | 441 | 442 | 134 | 60 | 60 | 441 | 442 |
| 2518 54 51 | 300 | 128 | 75 | 75 | 491 | 491 | 128 | 75 | 75 | 491 | 491 | 128 | 75 | 75 | 491 | 491 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 2098 54 51 | 54 | 13/16 | 50 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5010 | 5210 | 1212 |
| 2188 54 51 | 54 | 13/16 | 42 | 123 | 122 | 5/16X16 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 2278 54 51 | 54 | 13/16 | 36 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 2338 54 51 | 54 | 13/16 | 36 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 2428 54 51 | 54 | 13/16 | 42 | 122 | 122 | 5/16X15 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 2518 54 51 | 54 | 13/16 | 50 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 1212 | 5210 | 5010 |




| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 2098 54 51 | 53 | 13/16 | 50 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5010 | 5210 | 1212 |
| 2188 54 51 | 53 | 13/16 | 42 | 123 | 122 | 5/16X16 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 2278 54 51 | 53 | 13/16 | 36 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 2338 54 51 | 53 | 13/16 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 2428 54 51 | 53 | 13/16 | 42 | 122 | 122 | 5/16X15 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 2518 54 51 | 53 | 13/16 | 50 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 1212 | 5210 | 5010 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 2098 54 51 | 52 | 13/16 | 50 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5010 | 5210 | 1212 |
| 2188 54 51 | 52 | 13/16 | 36 | 123 | 122 | 3/8 X16 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 2278 54 51 | 52 | 13/16 | 36 | 122 | 122 | 5/16X12 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 2338 54 51 | 52 | 13/16 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 2428 54 51 | 52 | 13/16 | 42 | 122 | 123 | 5/16X15 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 2518 54 51 | 52 | 13/16 | 50 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1212 | 5210 | 5010 |

4-81-227

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 309B 54 51 | 300 | 139 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 492 | 492 | 141 | 50 | 50 | 492 | 492 |
| 318B 54 51 | 300 | 141 | 50 | 50 | 492 | 492 | 141 | 50 | 50 | 492 | 492 | 141 | 50 | 50 | 492 | 492 |
| 327B 54 51 | 300 | 141 | 45 | 45 | 492 | 492 | 141 | 45 | 45 | 492 | 492 | 141 | 45 | 45 | 492 | 492 |
| 333B 54 51 | 300 | 142 | 45 | 45 | 492 | 492 | 142 | 46 | 46 | 492 | 492 | 142 | 46 | 46 | 492 | 492 |
| 342B 54 51 | 300 | 141 | 50 | 50 | 492 | 492 | 141 | 50 | 50 | 492 | 492 | 141 | 55 | 55 | 492 | 492 |
| 351B 54 51 | 300 | 141 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 309B 54 51 | 54 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 318B 54 51 | 54 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 327B 54 51 | 54 | 13/16 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5110 | 1411 | 5210 |
| 333B 54 51 | 54 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1411 | 5110 |
| 342B 54 51 | 54 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 351B 54 51 | 54 | 13/16 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3098 54 51 | 53 | 13/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 318B 54 51 | 53 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 327B 54 51 | 53 | 13/16 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5110 | 1411 | 5210 |
| 333B 54 51 | 53 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5110 |
| 342B 54 51 | 53 | 13/16 | 36 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 351B 54 51 | 53 | 13/16 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 309B 54 51 | 52 | 13/16 | 36 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 318B 54 51 | 52 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 327B 54 51 | 52 | 13/16 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 5110 | 1411 | 5210 |
| 333B 54 51 | 52 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5110 |
| 342B 54 51 | 52 | 13/16 | 36 | 123 | 124 | 5/8 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 351B 54 51 | 52 | 13/16 | 42 | 124 | 123 | 5/8 X16 | 3/8 | 0 | 5210 | 1411 | 5210 |

4-81-228

**WORTHINGTON, SKILLING, HELLE & JACKSON** — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 409B 54 51 | 300 | 128 | 75 | 75 | 491 | 491 | 128 | 75 | 75 | 491 | 491 | 128 | 75 | 75 | 491 | 491 |
| 418B 54 51 | 300 | 134 | 60 | 60 | 441 | 442 | 134 | 60 | 60 | 441 | 442 | 134 | 60 | 60 | 441 | 442 |
| 427B 54 51 | 300 | 132 | 55 | 55 | 431 | 431 | 132 | 55 | 55 | 431 | 431 | 132 | 55 | 55 | 431 | 431 |
| 433B 54 51 | 300 | 132 | 55 | 55 | 431 | 431 | 132 | 50 | 50 | 431 | 431 | 132 | 50 | 50 | 441 | 441 |
| 442B 54 51 | 300 | 134 | 50 | 50 | 441 | 442 | 134 | 50 | 50 | 441 | 442 | 134 | 50 | 50 | 441 | 492 |
| 451B 54 51 | 300 | 128 | 70 | 70 | 491 | 491 | 128 | 70 | 70 | 491 | 491 | 128 | 70 | 70 | 491 | 491 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | WELD NO 6 | WELD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 409B 54 51 | 54 | 13/16 | 55 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5010 | 5210 | 1212 |
| 418B 54 51 | 54 | 13/16 | 42 | 122 | 122 | 5/16X15 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 427B 54 51 | 54 | 13/16 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 433B 54 51 | 54 | 13/16 | 36 | 122 | 122 | 5/16X12 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 442B 54 51 | 54 | 13/16 | 36 | 122 | 123 | 3/8 X16 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 451B 54 51 | 54 | 13/16 | 46 | 123 | 123 | 9/16X16 | 5/16 | 0 | 1212 | 5210 | 5010 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | WELD NO 6 | WELD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 409B 54 51 | 53 | 13/16 | 55 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5010 | 5210 | 1212 |
| 418B 54 51 | 53 | 13/16 | 42 | 123 | 122 | 5/16X16 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 427B 54 51 | 53 | 13/16 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 433B 54 51 | 53 | 13/16 | 36 | 122 | 122 | 5/16X12 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 442B 54 51 | 53 | 13/16 | 36 | 122 | 123 | 3/8 X16 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 451B 54 51 | 53 | 13/16 | 46 | 123 | 123 | 9/16X16 | 5/16 | 0 | 1212 | 5210 | 5010 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | WELD NO 6 | WELD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 409B 54 51 | 52 | 13/16 | 55 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5010 | 5210 | 1212 |
| 418B 54 51 | 52 | 13/16 | 42 | 123 | 122 | 5/16X16 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 427B 54 51 | 52 | 13/16 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 433B 54 51 | 52 | 13/16 | 36 | 122 | 122 | 5/16X12 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 442B 54 51 | 52 | 13/16 | 36 | 122 | 123 | 3/8 X16 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 451B 54 51 | 52 | 13/16 | 46 | 123 | 123 | 9/16X16 | 5/16 | 0 | 1212 | 5210 | 5010 |

4-81-229

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | C1 FY1 | C1 FY2 | C1 CSU | C1 CSL | COLUMN 2 TYPE | C2 FY1 | C2 FY2 | C2 CSU | C2 CSL | COLUMN 3 TYPE | C3 FY1 | C3 FY2 | C3 CSU | C3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100B 54 52 | 210 | 131 | 75 | 75 | 681 | 681 | 534 | 75 | 75 | 0 | 0 | 134 | 70 | 70 | 682 | 682 |
| 300B 54 52 | 210 | 131 | 80 | 80 | 681 | 681 | 534 | 80 | 80 | 0 | 0 | 134 | 75 | 75 | 682 | 682 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 100B 54 52 | 54 | 13/16 | 55 | 132 | 132 | 11/16X16 | 3/8 | 0 | 5410 | 5010 | 1313 |
| 300B 54 52 | 54 | 13/16 | 55 | 131 | 131 | 11/16X16 | 3/8 | 0 | 5410 | 5010 | 1313 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 100B 54 52 | 53 | 13/16 | 55 | 132 | 132 | 3/4 X16 | 3/8 | 0 | 5410 | 5010 | 1313 |
| 300B 54 52 | 53 | 13/16 | 55 | 131 | 131 | 11/16X16 | 3/8 | 0 | 5410 | 5010 | 1313 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

4-81-230

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 106B 55 52 | 300 | 136 | 55 | 55 | 492 | 492 | 137 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 |
| 115B 55 52 | 300 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 |
| 124B 55 52 | 300 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 |
| 136B 55 52 | 300 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 |
| 145B 55 52 | 300 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 |
| 154B 55 52 | 300 | 138 | 55 | 55 | 492 | 492 | 137 | 55 | 55 | 492 | 492 | 136 | 55 | 55 | 492 | 492 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B 55 52 | 55 | 13/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1311 | 5110 | 1411 |
| 115B 55 52 | 55 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 124B 55 52 | 55 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 136B 55 52 | 55 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 145B 55 52 | 55 | 13/16 | 42 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 154B 55 52 | 55 | 13/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B 55 52 | 54 | 13/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1311 | 5110 | 1411 |
| 115B 55 52 | 54 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 124B 55 52 | 54 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 136B 55 52 | 54 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 145B 55 52 | 54 | 13/16 | 42 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 154B 55 52 | 54 | 13/16 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5110 | 1311 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B 55 52 | 53 | 13/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 1311 | 5110 | 1411 |
| 115B 55 52 | 53 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 124B 55 52 | 53 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 136B 55 52 | 53 | 13/16 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 145B 55 52 | 53 | 13/16 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 154B 55 52 | 53 | 13/16 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5110 | 1311 |

4-81-231

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 206B | 55 | 52 | 300 | 127 | 75 | 75 | 491 | 491 | 127 | 75 | 75 | 491 | 491 | 128 | 75 | 75 | 491 | 491 |
| 215B | 55 | 52 | 300 | 130 | 65 | 65 | 491 | 491 | 132 | 60 | 60 | 441 | 491 | 132 | 55 | 55 | 441 | 491 |
| 224B | 55 | 52 | 300 | 132 | 55 | 55 | 441 | 441 | 132 | 50 | 50 | 441 | 441 | 132 | 50 | 50 | 441 | 441 |
| 236B | 55 | 52 | 300 | 132 | 55 | 55 | 431 | 441 | 132 | 55 | 55 | 431 | 441 | 132 | 55 | 55 | 441 | 441 |
| 245B | 55 | 52 | 300 | 132 | 60 | 60 | 441 | 441 | 132 | 65 | 65 | 441 | 441 | 130 | 65 | 65 | 441 | 491 |
| 254B | 55 | 52 | 300 | 128 | 80 | 80 | 491 | 491 | 127 | 80 | 80 | 491 | 491 | 127 | 80 | 80 | 491 | 491 |

X

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 206B | 55 | 52 | 55 | 13/16 | 50 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1212 | 5110 |
| 215B | 55 | 52 | 55 | 13/16 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 224B | 55 | 52 | 55 | 13/16 | 36 | 122 | 122 | 5/16X12 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 236B | 55 | 52 | 55 | 13/16 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 245B | 55 | 52 | 55 | 13/16 | 45 | 122 | 123 | 5/16X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 254B | 55 | 52 | 55 | 13/16 | 55 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 206B | 55 | 52 | 54 | 13/16 | 50 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1212 | 5110 |
| 215B | 55 | 52 | 54 | 13/16 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 224B | 55 | 52 | 54 | 13/16 | 36 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 236B | 55 | 52 | 54 | 13/16 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 245B | 55 | 52 | 54 | 13/16 | 45 | 122 | 123 | 5/16X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 254B | 55 | 52 | 54 | 13/16 | 55 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1212 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 206B | 55 | 52 | 53 | 13/16 | 50 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1212 | 5110 |
| 215B | 55 | 52 | 53 | 13/16 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 224B | 55 | 52 | 53 | 13/16 | 36 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 236B | 55 | 52 | 53 | 13/16 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 245B | 55 | 52 | 53 | 13/16 | 45 | 122 | 123 | 5/16X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 254B | 55 | 52 | 53 | 13/16 | 55 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1212 | 5110 |

4-81-232

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 306B 55 52 | 300 | 136 | 60 | 60 | 492 | 492 | 137 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 |
| 315B 55 52 | 300 | 141 | 50 | 50 | 492 | 492 | 141 | 50 | 50 | 492 | 492 | 141 | 50 | 50 | 492 | 492 |
| 324B 55 52 | 300 | 141 | 46 | 46 | 492 | 492 | 141 | 46 | 46 | 492 | 492 | 141 | 45 | 45 | 492 | 492 |
| 336B 55 52 | 300 | 141 | 50 | 50 | 492 | 492 | 141 | 50 | 50 | 492 | 492 | 141 | 50 | 50 | 492 | 492 |
| 345B 55 52 | 300 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 |
| 354B 55 52 | 300 | 138 | 60 | 60 | 492 | 492 | 137 | 60 | 60 | 492 | 492 | 136 | 60 | 60 | 492 | 492 |

X

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 306B 55 52 | 55 | 13/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1311 | 5110 | 1411 |
| 315B 55 52 | 55 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 324B 55 52 | 55 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 336B 55 52 | 55 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 345B 55 52 | 55 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 354B 55 52 | 55 | 13/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 306B 55 52 | 54 | 13/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1311 | 5110 | 1411 |
| 315B 55 52 | 54 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 324B 55 52 | 54 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 336B 55 52 | 54 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 345B 55 52 | 54 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 354B 55 52 | 54 | 13/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 1411 | 5110 | 1311 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 306B 55 52 | 53 | 13/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1311 | 5110 | 1411 |
| 315B 55 52 | 53 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 324B 55 52 | 53 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 336B 55 52 | 53 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 345B 55 52 | 53 | 13/16 | 36 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 354B 55 52 | 53 | 13/16 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5110 | 1311 |

4-81-233

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 406B 55 52 | 300 | 127 | 80 | 80 | 491 | 491 | 127 | 80 | 80 | 491 | 491 | 128 | 80 | 80 | 491 | 491 |
| 415B 55 52 | 300 | 130 | 70 | 70 | 441 | 491 | 132 | 65 | 65 | 441 | 491 | 132 | 60 | 60 | 441 | 491 |
| 424B 55 52 | 300 | 132 | 60 | 60 | 441 | 441 | 132 | 55 | 55 | 431 | 441 | 132 | 55 | 55 | 431 | 441 |
| 436B 55 52 | 300 | 132 | 50 | 50 | 441 | 441 | 132 | 50 | 50 | 441 | 441 | 132 | 50 | 50 | 441 | 441 |
| 445B 55 52 | 300 | 132 | 50 | 50 | 441 | 491 | 132 | 55 | 55 | 441 | 491 | 130 | 60 | 60 | 491 | 491 |
| 454B 55 52 | 300 | 128 | 75 | 75 | 491 | 491 | 127 | 75 | 75 | 491 | 491 | 127 | 75 | 75 | 491 | 491 |

X

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 406B 55 52 | 55 | 13/16 | 55 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1212 | 5110 |
| 415B 55 52 | 55 | 13/16 | 45 | 123 | 122 | 5/16X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 424B 55 52 | 55 | 13/16 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 436B 55 52 | 55 | 13/16 | 36 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 445B 55 52 | 55 | 13/16 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 454B 55 52 | 55 | 13/16 | 50 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 406B 55 52 | 54 | 13/16 | 55 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1212 | 5110 |
| 415B 55 52 | 54 | 13/16 | 45 | 123 | 122 | 3/8 X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 424B 55 52 | 54 | 13/16 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 436B 55 52 | 54 | 13/16 | 36 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 445B 55 52 | 54 | 13/16 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 454B 55 52 | 54 | 13/16 | 50 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1212 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 406B 55 52 | 53 | 13/16 | 55 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1212 | 5110 |
| 415B 55 52 | 53 | 13/16 | 46 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 424B 55 52 | 53 | 13/16 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 436B 55 52 | 53 | 13/16 | 36 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 445B 55 52 | 53 | 13/16 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 454B 55 52 | 53 | 13/16 | 50 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1212 | 5110 |

4-B1-234

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 2008 | 55 | 53 | 210 | 133 | 75 | 75 | 681 | 682 | 533 | 80 | 80 | 0 | 0 | 131 | 80 | 80 | 681 | 681 |
| 4008 | 55 | 53 | 210 | 133 | 80 | 80 | 681 | 682 | 533 | 85 | 85 | 0 | 0 | 131 | 85 | 85 | 681 | 681 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 2008 | 55 | 53 | 55 | 13/16 | 55 | 132 | 132 | 3/4 X16 | 3/8 | 0 | 1313 | 5010 | 5610 |
| 4008 | 55 | 53 | 55 | 13/16 | 60 | 132 | 131 | 11/16X16 | 3/8 | 0 | 1313 | 5010 | 5610 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 2008 | 55 | 53 | 54 | 13/16 | 55 | 132 | 132 | 3/4 X16 | 7/16 | 0 | 1313 | 5010 | 5610 |
| 4008 | 55 | 53 | 54 | 13/16 | 60 | 132 | 132 | 3/4 X16 | 3/8 | 0 | 1313 | 5010 | 5610 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

4-81-235

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

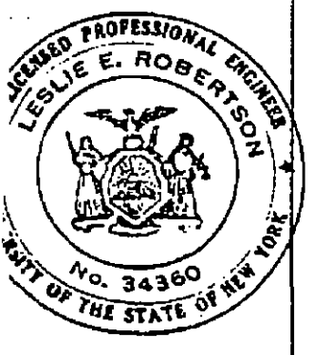
PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

DIVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 103B 56 53 | 300 | 130 | 75 | 75 | 491 | 491 | 132 | 60 | 60 | 491 | 491 | 134 | 60 | 60 | 492 | 492 |
| 112B 56 53 | 300 | 140 | 50 | 50 | 492 | 492 | 140 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 492 | 492 |
| 121B 56 53 | 300 | 140 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 492 | 492 |
| 130B 56 53 | 300 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 |
| 139B 56 53 | 300 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 |
| 148B 56 53 | 300 | 140 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 492 | 492 |
| 157B 56 53 | 300 | 134 | 60 | 60 | 492 | 492 | 132 | 65 | 65 | 491 | 491 | 130 | 75 | 75 | 491 | 491 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 103B 56 53 | 56 | 11/16 | 55 | 131 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1311 | 5210 |
| 112B 56 53 | 56 | 11/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 1511 | 5210 | 1411 |
| 121B 56 53 | 56 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 130B 56 53 | 56 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 139B 56 53 | 56 | 11/16 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 148B 56 53 | 56 | 11/16 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1511 |
| 157B 56 53 | 56 | 11/16 | 60 | 123 | 132 | 9/16X16 | 3/8 | 0 | 5210 | 1311 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 103B 56 53 | 55 | 13/16 | 55 | 132 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 1311 | 5210 |
| 112B 56 53 | 55 | 13/16 | 36 | 123 | 123 | 9/16X16 | 5/16 | 0 | 1511 | 5210 | 1411 |
| 121B 56 53 | 55 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 130B 56 53 | 55 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 139B 56 53 | 55 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 148B 56 53 | 55 | 13/16 | 36 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 1411 | 5210 | 1511 |
| 157B 56 53 | 55 | 13/16 | 60 | 123 | 132 | 9/16X16 | 3/8 | 0 | 5210 | 1311 | 5110 |




| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 103B 56 53 | 54 | 13/16 | 60 | 132 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 1311 | 5210 |
| 112B 56 53 | 54 | 13/16 | 36 | 123 | 123 | 9/16X16 | 5/16 | 0 | 1511 | 5210 | 1411 |
| 121B 56 53 | 54 | 13/16 | 36 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 130B 56 53 | 54 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 139B 56 53 | 54 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 148B 56 53 | 54 | 13/16 | 36 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 1411 | 5210 | 1511 |
| 157B 56 53 | 54 | 13/16 | 60 | 123 | 132 | 5/8 X16 | 3/8 | 0 | 5210 | 1311 | 5110 |

4-81-236

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

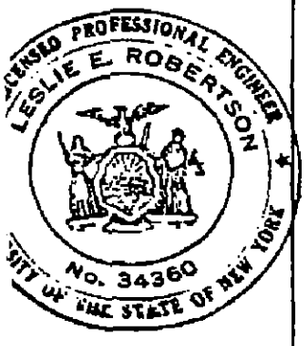
PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

DIVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 203B | 56 | 53 | 300 | 127 | 85 | 85 | 491 | 491 | 127 | 80 | 80 | 491 | 491 | 127 | 80 | 80 | 491 | 491 |
| 212B | 56 | 53 | 300 | 128 | 70 | 70 | 491 | 491 | 129 | 70 | 70 | 491 | 491 | 129 | 65 | 65 | 491 | 491 |
| 221B | 56 | 53 | 300 | 133 | 55 | 55 | 441 | 442 | 132 | 55 | 55 | 441 | 441 | 132 | 55 | 55 | 441 | 441 |
| 230B | 56 | 53 | 300 | 132 | 55 | 55 | 431 | 431 | 132 | 55 | 55 | 431 | 431 | 132 | 55 | 55 | 431 | 431 |
| 239B | 56 | 53 | 300 | 132 | 55 | 55 | 441 | 441 | 132 | 60 | 60 | 441 | 441 | 133 | 60 | 60 | 441 | 442 |
| 248B | 56 | 53 | 300 | 129 | 70 | 70 | 441 | 491 | 129 | 75 | 75 | 441 | 491 | 128 | 75 | 75 | 491 | 491 |
| 257B | 56 | 53 | 300 | 127 | 80 | 80 | 491 | 491 | 127 | 80 | 80 | 491 | 491 | 127 | 90 | 90 | 491 | 491 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 203B | 56 | 53 | 56 | 11/16 | 70 | 132 | 123 | 5/8 X16 | 5/16 | 0 | 1013 | 5210 | 5010 |
| 212B | 56 | 53 | 56 | 11/16 | 50 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 221B | 56 | 53 | 56 | 11/16 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 230B | 56 | 53 | 56 | 11/16 | 42 | 122 | 122 | 5/16X10 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 239B | 56 | 53 | 56 | 11/16 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 248B | 56 | 53 | 56 | 11/16 | 55 | 123 | 123 | 7/16X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 257B | 56 | 53 | 56 | 11/16 | 70 | 123 | 131 | 5/8 X16 | 5/16 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 203B | 56 | 53 | 55 | 13/16 | 70 | 132 | 123 | 11/16X16 | 5/16 | 0 | 1013 | 5210 | 5010 |
| 212B | 56 | 53 | 55 | 13/16 | 46 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 221B | 56 | 53 | 55 | 13/16 | 42 | 122 | 122 | 5/16X14 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 230B | 56 | 53 | 55 | 13/16 | 36 | 122 | 122 | 5/16X10 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 239B | 56 | 53 | 55 | 13/16 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 248B | 56 | 53 | 55 | 13/16 | 50 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 257B | 56 | 53 | 55 | 13/16 | 70 | 123 | 131 | 5/8 X16 | 5/16 | 0 | 5010 | 5210 | 1013 |




| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 203B | 56 | 53 | 54 | 13/16 | 65 | 132 | 123 | 11/16X16 | 5/16 | 0 | 1013 | 5210 | 5010 |
| 212B | 56 | 53 | 54 | 13/16 | 46 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 5010 | 5210 |
| 221B | 56 | 53 | 54 | 13/16 | 42 | 122 | 122 | 5/16X14 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 230B | 56 | 53 | 54 | 13/16 | 36 | 122 | 122 | 5/16X10 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 239B | 56 | 53 | 54 | 13/16 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 248B | 56 | 53 | 54 | 13/16 | 50 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 257B | 56 | 53 | 54 | 13/16 | 65 | 123 | 131 | 5/8 X16 | 5/16 | 0 | 5010 | 5210 | 1013 |

4-B1-237

**WORTHINGTON, SKILLING, HELLE & JACKSON** — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3038 56 53 | 300 | 130 | 75 | 75 | 491 | 491 | 132 | 65 | 65 | 491 | 491 | 134 | 60 | 60 | 492 | 492 |
| 3128 56 53 | 300 | 140 | 50 | 50 | 492 | 492 | 140 | 50 | 50 | 492 | 492 | 140 | 50 | 50 | 492 | 492 |
| 3218 56 53 | 300 | 140 | 50 | 50 | 492 | 492 | 140 | 50 | 50 | 492 | 492 | 140 | 50 | 50 | 492 | 492 |
| 3308 56 53 | 300 | 141 | 45 | 45 | 492 | 492 | 141 | 45 | 45 | 492 | 492 | 141 | 45 | 45 | 492 | 492 |
| 3398 56 53 | 300 | 141 | 50 | 50 | 492 | 492 | 141 | 50 | 50 | 492 | 492 | 141 | 50 | 50 | 492 | 492 |
| 3488 56 53 | 300 | 140 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 492 | 492 |
| 3578 56 53 | 300 | 134 | 65 | 65 | 492 | 492 | 132 | 65 | 65 | 491 | 491 | 130 | 80 | 80 | 491 | 491 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3038 56 53 | 56 | 11/16 | 60 | 131 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1311 | 5210 |
| 3128 56 53 | 56 | 11/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1511 | 5210 | 1411 |
| 3218 56 53 | 56 | 11/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 3308 56 53 | 56 | 11/16 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 3398 56 53 | 56 | 11/16 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 3488 56 53 | 56 | 11/16 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1511 |
| 3578 56 53 | 56 | 11/16 | 60 | 123 | 131 | 9/16X16 | 5/16 | 0 | 5210 | 1311 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3038 56 53 | 55 | 13/16 | 60 | 131 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1311 | 5210 |
| 3128 56 53 | 55 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1511 | 5210 | 1411 |
| 3218 56 53 | 55 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 3308 56 53 | 55 | 13/16 | 36 | 123 | 123 | 7/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 3398 56 53 | 55 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 3488 56 53 | 55 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1511 |
| 3578 56 53 | 55 | 13/16 | 60 | 123 | 132 | 9/16X16 | 3/8 | 0 | 5210 | 1311 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3038 56 53 | 54 | 13/16 | 60 | 131 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1311 | 5210 |
| 3128 56 53 | 54 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1511 | 5210 | 1411 |
| 3218 56 53 | 54 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 3308 56 53 | 54 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 3398 56 53 | 54 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |
| 3488 56 53 | 54 | 13/16 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1511 |
| 3578 56 53 | 54 | 13/16 | 65 | 123 | 132 | 9/16X16 | 3/8 | 0 | 5210 | 1311 | 5110 |

4-81-238

**WORTHINGTON, SKILLING, HELLE & JACKSON** — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

DIVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B 56 53 | 300 | 127 | 100 | 100 | 491 | 491 | 127 | 85 | 85 | 491 | 491 | 127 | 85 | 85 | 491 | 491 |
| 412B 56 53 | 300 | 128 | 80 | 80 | 491 | 491 | 129 | 75 | 75 | 441 | 491 | 129 | 70 | 70 | 441 | 491 |
| 421B 56 53 | 300 | 133 | 60 | 60 | 441 | 442 | 132 | 60 | 60 | 441 | 441 | 132 | 60 | 60 | 441 | 441 |
| 430B 56 53 | 300 | 132 | 55 | 55 | 431 | 431 | 132 | 55 | 55 | 431 | 431 | 132 | 55 | 55 | 431 | 431 |
| 439B 56 53 | 300 | 132 | 46 | 46 | 441 | 441 | 132 | 50 | 50 | 441 | 441 | 133 | 50 | 50 | 441 | 442 |
| 448B 56 53 | 300 | 129 | 60 | 60 | 491 | 491 | 129 | 65 | 65 | 491 | 491 | 128 | 70 | 70 | 491 | 491 |
| 457B 56 53 | 300 | 127 | 75 | 75 | 491 | 491 | 127 | 80 | 80 | 491 | 491 | 127 | 85 | 85 | 491 | 491 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B 56 53 | 56 | 11/16 | 75 | 131 | 123 | 5/8 X16 | 5/16 | 0 | 1013 | 5210 | 5010 |
| 412B 56 53 | 56 | 11/16 | 55 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 421B 56 53 | 56 | 11/16 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 430B 56 53 | 56 | 11/16 | 42 | 122 | 122 | 5/16X10 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 439B 56 53 | 56 | 11/16 | 36 | 122 | 122 | 5/16X14 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 448B 56 53 | 56 | 11/16 | 46 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 457B 56 53 | 56 | 11/16 | 65 | 123 | 131 | 5/8 X16 | 5/16 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B 56 53 | 55 | 13/16 | 75 | 131 | 123 | 5/8 X16 | 5/16 | 0 | 1013 | 5210 | 5010 |
| 412B 56 53 | 55 | 13/16 | 50 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 421B 56 53 | 55 | 13/16 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 430B 56 53 | 55 | 13/16 | 36 | 122 | 122 | 5/16X10 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 439B 56 53 | 55 | 13/16 | 36 | 122 | 122 | 5/16X14 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 448B 56 53 | 55 | 13/16 | 45 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 457B 56 53 | 55 | 13/16 | 70 | 123 | 131 | 5/8 X16 | 5/16 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B 56 53 | 54 | 13/16 | 70 | 132 | 123 | 11/16X16 | 5/16 | 0 | 1013 | 5210 | 5010 |
| 412B 56 53 | 54 | 13/16 | 50 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 421B 56 53 | 54 | 13/16 | 42 | 122 | 122 | 5/16X14 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 430B 56 53 | 54 | 13/16 | 36 | 122 | 122 | 5/16X10 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 439B 56 53 | 54 | 13/16 | 36 | 122 | 122 | 5/16X14 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 448B 56 53 | 54 | 13/16 | 45 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 457B 56 53 | 54 | 13/16 | 65 | 123 | 132 | 11/16X16 | 5/16 | 0 | 5010 | 5210 | 1013 |

4-81-239

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1008 56 54 | 210 | 130 | 80 | 80 | 681 | 681 | 533 | 80 | 80 | 0 | 0 | 133 | 75 | 75 | 681 | 682 |
| 3008 56 54 | 210 | 130 | 85 | 85 | 681 | 681 | 533 | 85 | 85 | 0 | 0 | 133 | 80 | 80 | 681 | 682 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1008 56 54 | 56 | 11/16 | 55 | 131 | 131 | 11/16X16 | 3/8 | 0 | 5410 | 5010 | 1313 |
| 3008 56 54 | 56 | 11/16 | 60 | 131 | 131 | 5/8 X16 | 3/8 | 0 | 5410 | 5010 | 1313 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1008 56 54 | 55 | 13/16 | 55 | 131 | 132 | 11/16X16 | 3/8 | 0 | 5410 | 5010 | 1313 |
| 3008 56 54 | 55 | 13/16 | 60 | 131 | 131 | 5/8 X16 | 3/8 | 0 | 5410 | 5010 | 1313 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

4-81-240

**WORTHINGTON, SKILLING, HELLE & JACKSON** — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 109B 57 54 | 200 | 138 | 50 | 50 | 492 | 492 | 139 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 492 | 492 |
| 118B 57 54 | 300 | 140 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 492 | 492 |
| 127B 57 54 | 300 | 140 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 492 | 492 |
| 133B 57 54 | 300 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 |
| 142B 57 54 | 300 | 141 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 492 | 492 |
| 151B 57 54 | 300 | 140 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 109B 57 54 | 57 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 118B 57 54 | 57 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 127B 57 54 | 57 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 1411 | 5210 |
| 133B 57 54 | 57 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1411 | 5110 |
| 142B 57 54 | 57 | 11/16 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 151B 57 54 | 57 | 11/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 109B 57 54 | 56 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 118B 57 54 | 56 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 127B 57 54 | 56 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 1411 | 5210 |
| 133B 57 54 | 56 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1411 | 5110 |
| 142B 57 54 | 56 | 11/16 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 151B 57 54 | 56 | 11/16 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 109B 57 54 | 55 | 13/16 | 36 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 118B 57 54 | 55 | 13/16 | 36 | 123 | 123 | 9/16X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 127B 57 54 | 55 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1411 | 5210 |
| 133B 57 54 | 55 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1411 | 5110 |
| 142B 57 54 | 55 | 13/16 | 42 | 123 | 123 | 5/8 X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 151B 57 54 | 55 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5210 | 1411 | 5210 |

4-81-241

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 209B | 57 | 54 | 300 | 127 | 75 | 75 | 491 | 491 | 127 | 75 | 75 | 491 | 491 | 128 | 70 | 70 | 491 | 491 |
| 218B | 57 | 54 | 300 | 132 | 55 | 55 | 441 | 441 | 132 | 55 | 55 | 441 | 441 | 132 | 55 | 55 | 441 | 441 |
| 227B | 57 | 54 | 300 | 132 | 55 | 55 | 431 | 431 | 132 | 55 | 55 | 431 | 431 | 132 | 55 | 55 | 431 | 431 |
| 233B | 57 | 54 | 300 | 132 | 55 | 55 | 431 | 431 | 132 | 55 | 55 | 431 | 431 | 132 | 55 | 55 | 431 | 431 |
| 242B | 57 | 54 | 300 | 132 | 60 | 60 | 441 | 441 | 132 | 60 | 60 | 441 | 441 | 132 | 60 | 60 | 441 | 441 |
| 251B | 57 | 54 | 300 | 128 | 75 | 75 | 491 | 491 | 127 | 75 | 75 | 491 | 491 | 127 | 75 | 75 | 491 | 491 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 209B | 57 | 54 | 57 | 11/16 | 50 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 5010 | 5210 | 1212 |
| 218B | 57 | 54 | 57 | 11/16 | 42 | 122 | 122 | 5/16X14 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 227B | 57 | 54 | 57 | 11/16 | 36 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 233B | 57 | 54 | 57 | 11/16 | 42 | 122 | 122 | 5/16X10 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 242B | 57 | 54 | 57 | 11/16 | 42 | 122 | 122 | 5/16X14 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 251B | 57 | 54 | 57 | 11/16 | 50 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 1212 | 5210 | 5010 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 209B | 57 | 54 | 56 | 11/16 | 50 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5010 | 5210 | 1212 |
| 218B | 57 | 54 | 56 | 11/16 | 42 | 122 | 122 | 5/16X15 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 227B | 57 | 54 | 56 | 11/16 | 36 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 233B | 57 | 54 | 56 | 11/16 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 242B | 57 | 54 | 56 | 11/16 | 42 | 122 | 122 | 5/16X14 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 251B | 57 | 54 | 56 | 11/16 | 55 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 1212 | 5210 | 5010 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
CITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 209B | 57 | 54 | 55 | 13/16 | 50 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5010 | 5210 | 1212 |
| 218B | 57 | 54 | 55 | 13/16 | 42 | 123 | 122 | 5/16X15 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 227B | 57 | 54 | 55 | 13/16 | 36 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 233B | 57 | 54 | 55 | 13/16 | 36 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 242B | 57 | 54 | 55 | 13/16 | 42 | 122 | 122 | 5/16X15 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 251B | 57 | 54 | 55 | 13/16 | 55 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 1212 | 5210 | 5010 |

4-81-242

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 309B | 57 | 54 | 300 | 138 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 492 | 492 |
| 318B | 57 | 54 | 300 | 140 | 50 | 50 | 492 | 492 | 140 | 50 | 50 | 492 | 492 | 140 | 50 | 50 | 492 | 492 |
| 327B | 57 | 54 | 300 | 140 | 45 | 45 | 492 | 492 | 140 | 45 | 45 | 492 | 492 | 140 | 45 | 45 | 492 | 492 |
| 333B | 57 | 54 | 300 | 141 | 46 | 46 | 492 | 492 | 141 | 46 | 46 | 492 | 492 | 141 | 46 | 46 | 492 | 492 |
| 342B | 57 | 54 | 300 | 141 | 50 | 50 | 492 | 492 | 140 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 492 | 492 |
| 351B | 57 | 54 | 300 | 140 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3098 | 57 | 54 | 57 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 3188 | 57 | 54 | 57 | 11/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 3278 | 57 | 54 | 57 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 1411 | 5210 |
| 3338 | 57 | 54 | 57 | 11/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1411 | 5110 |
| 3428 | 57 | 54 | 57 | 11/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 3518 | 57 | 54 | 57 | 11/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3098 | 57 | 54 | 56 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 3188 | 57 | 54 | 56 | 11/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 3278 | 57 | 54 | 56 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 1411 | 5210 |
| 3338 | 57 | 54 | 56 | 11/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1411 | 5110 |
| 3428 | 57 | 54 | 56 | 11/16 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 3518 | 57 | 54 | 56 | 11/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — CITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3098 | 57 | 54 | 55 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 3188 | 57 | 54 | 55 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 3278 | 57 | 54 | 55 | 13/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 1411 | 5210 |
| 3338 | 57 | 54 | 55 | 13/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 5210 | 1411 | 5110 |
| 3428 | 57 | 54 | 55 | 13/16 | 36 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1411 |
| 3518 | 57 | 54 | 55 | 13/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |

4-81-243

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

'ISIONS

| PANEL NUMBER | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 4098 | 57 54 | 300 | 127 | 80 | 80 | 491 | 491 | 127 | 80 | 80 | 491 | 491 | 128 | 80 | 80 | 491 | 491 |
| 4188 | 57 54 | 300 | 132 | 60 | 60 | 441 | 441 | 132 | 60 | 60 | 441 | 441 | 132 | 60 | 60 | 441 | 441 |
| 4278 | 57 54 | 300 | 132 | 55 | 55 | 431 | 431 | 132 | 55 | 55 | 431 | 431 | 132 | 55 | 55 | 431 | 431 |
| 4338 | 57 54 | 300 | 132 | 55 | 55 | 431 | 431 | 132 | 55 | 55 | 431 | 431 | 132 | 50 | 50 | 431 | 441 |
| 4428 | 57 54 | 300 | 132 | 50 | 50 | 441 | 441 | 132 | 50 | 50 | 441 | 441 | 132 | 50 | 50 | 441 | 441 |
| 4518 | 57 54 | 300 | 128 | 70 | 70 | 491 | 491 | 127 | 70 | 70 | 491 | 491 | 127 | 70 | 70 | 491 | 491 |

X

| PANEL NUMBER | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 409B | 57 54 | 57 | 11/16 | 55 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 5010 | 5210 | 1212 |
| 418B | 57 54 | 57 | 11/16 | 42 | 122 | 122 | 5/16X14 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 427B | 57 54 | 57 | 11/16 | 42 | 122 | 122 | 5/16X10 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 433B | 57 54 | 57 | 11/16 | 36 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 442B | 57 54 | 57 | 11/16 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 451B | 57 54 | 57 | 11/16 | 50 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 1212 | 5210 | 5010 |

| PANEL NUMBER | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 4098 | 57 54 | 56 | 11/16 | 55 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 5010 | 5210 | 1212 |
| 4188 | 57 54 | 56 | 11/16 | 42 | 122 | 122 | 5/16X14 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 4278 | 57 54 | 56 | 11/16 | 42 | 122 | 122 | 5/16X10 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 4338 | 57 54 | 56 | 11/16 | 36 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 4428 | 57 54 | 56 | 11/16 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 4518 | 57 54 | 56 | 11/16 | 50 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 1212 | 5210 | 5010 |

| PANEL NUMBER | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 409B | 57 54 | 55 | 13/16 | 55 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5010 | 5210 | 1212 |
| 418B | 57 54 | 55 | 13/16 | 42 | 122 | 122 | 5/16X15 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 427B | 57 54 | 55 | 13/16 | 36 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 433B | 57 54 | 55 | 13/16 | 36 | 122 | 122 | 5/16X12 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 442B | 57 54 | 55 | 13/16 | 36 | 122 | 123 | 5/16X15 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 451B | 57 54 | 55 | 13/16 | 50 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1212 | 5210 | 5010 |

4-B1-244

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 2008 | 57 | 55 | 210 | 132 | 75 | 75 | 681 | 681 | 532 | 85 | 85 | 0 | 0 | 130 | 85 | 85 | 681 | 681 |
| 4008 | 57 | 55 | 210 | 132 | 80 | 80 | 681 | 681 | 532 | 90 | 90 | 0 | 0 | 130 | 90 | 90 | 681 | 681 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 2008 | 57 | 55 | 57 | 11/16 | 60 | 131 | 131 | 11/16X16 | 3/8 | 0 | 1313 | 5010 | 5610 |
| 4008 | 57 | 55 | 57 | 11/16 | 60 | 131 | 131 | 11/16X16 | 3/8 | 0 | 1313 | 5010 | 5610 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 2008 | 57 | 55 | 56 | 11/16 | 55 | 132 | 132 | 11/16X16 | 3/8 | 0 | 1313 | 5010 | 5610 |
| 4008 | 57 | 55 | 56 | 11/16 | 60 | 131 | 131 | 11/16X16 | 3/8 | 0 | 1313 | 5010 | 5610 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

4-81-245

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER ' | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 106B | 58 | 55 | 300 | 135 | 55 | 55 | 492 | 492 | 136 | 55 | 55 | 492 | 492 | 137 | 55 | 55 | 492 | 492 |
| 115B | 58 | 55 | 300 | 139 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 |
| 124B | 58 | 55 | 300 | 139 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 |
| 136B | 58 | 55 | 300 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 | 141 | 55 | 55 | 492 | 492 |
| 145B | 58 | 55 | 300 | 139 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 |
| 154B | 58 | 55 | 300 | 137 | 55 | 55 | 492 | 492 | 136 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 492 |

X

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B | 58 | 55 | 58 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1311 | 5110 | 1411 |
| 115B | 58 | 55 | 58 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 124B | 58 | 55 | 58 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 136B | 58 | 55 | 58 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 145B | 58 | 55 | 58 | 11/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 154B | 58 | 55 | 58 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B | 58 | 55 | 57 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1311 | 5110 | 1411 |
| 115B | 58 | 55 | 57 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 124B | 58 | 55 | 57 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 136B | 58 | 55 | 57 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 145B | 58 | 55 | 57 | 11/16 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 154B | 58 | 55 | 57 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5110 | 1311 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B | 58 | 55 | 56 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1311 | 5110 | 1411 |
| 115B | 58 | 55 | 56 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 124B | 58 | 55 | 56 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 136B | 58 | 55 | 56 | 11/16 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 145B | 58 | 55 | 56 | 11/16 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 5110 | 1411 | 5110 |
| 154B | 58 | 55 | 56 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5110 | 1311 |

4-81-246

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

| PANEL NUMBER | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 206B | 58 55 | 300 | 127 | 75 | 75 | 491 | 491 | 127 | 75 | 75 | 491 | 491 | 127 | 75 | 75 | 491 | 491 |
| 215B | 58 55 | 300 | 129 | 65 | 65 | 441 | 491 | 131 | 60 | 60 | 441 | 441 | 132 | 60 | 60 | 441 | 441 |
| 224B | 58 55 | 300 | 131 | 55 | 55 | 441 | 441 | 131 | 55 | 55 | 431 | 441 | 131 | 55 | 55 | 431 | 441 |
| 236B | 58 55 | 300 | 131 | 60 | 60 | 431 | 431 | 131 | 60 | 60 | 431 | 431 | 131 | 60 | 60 | 431 | 441 |
| 245B | 58 55 | 300 | 132 | 60 | 60 | 441 | 441 | 131 | 65 | 65 | 441 | 441 | 129 | 70 | 70 | 441 | 441 |
| 254B | 58 55 | 300 | 127 | 80 | 80 | 491 | 491 | 127 | 80 | 80 | 491 | 491 | 127 | 80 | 80 | 491 | 491 |

X

| PANEL NUMBER | | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 206B | 58 55 | 58 | 11/16 | 55 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1212 | 5110 |
| 215B | 58 55 | 58 | 11/16 | 42 | 123 | 122 | 5/16X15 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 224B | 58 55 | 58 | 11/16 | 36 | 122 | 122 | 5/16X12 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 236B | 58 55 | 58 | 11/16 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 245B | 58 55 | 58 | 11/16 | 45 | 122 | 122 | 5/16X14 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 254B | 58 55 | 58 | 11/16 | 55 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 206B | 58 55 | 57 | 11/16 | 55 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1212 | 5110 |
| 215B | 58 55 | 57 | 11/16 | 42 | 123 | 122 | 5/16X15 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 224B | 58 55 | 57 | 11/16 | 36 | 122 | 122 | 5/16X12 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 236B | 58 55 | 57 | 11/16 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 245B | 58 55 | 57 | 11/16 | 45 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 254B | 58 55 | 57 | 11/16 | 55 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 5110 | 1212 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 206B | 58 55 | 56 | 11/16 | 50 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1212 | 5110 |
| 215B | 58 55 | 56 | 11/16 | 45 | 123 | 122 | 5/16X16 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 224B | 58 55 | 56 | 11/16 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 236B | 58 55 | 56 | 11/16 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 245B | 58 55 | 56 | 11/16 | 46 | 122 | 123 | 5/16X15 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 254B | 58 55 | 56 | 11/16 | 55 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 5110 | 1212 | 5110 |

4-B1-247

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 3068 58 55 | 300 | 135 | 55 | 55 | 492 | 492 | 136 | 55 | 55 | 492 | 492 | 137 | 55 | 55 | 492 | 492 |
| 3158 58 55 | 300 | 139 | 50 | 50 | 492 | 492 | 139 | 50 | 50 | 492 | 492 | 139 | 50 | 50 | 492 | 492 |
| 3248 58 55 | 300 | 139 | 50 | 50 | 492 | 492 | 139 | 46 | 46 | 492 | 492 | 139 | 46 | 46 | 492 | 492 |
| 3368 58 55 | 300 | 141 | 50 | 50 | 492 | 492 | 141 | 50 | 50 | 492 | 492 | 141 | 50 | 50 | 492 | 492 |
| 3458 58 55 | 300 | 139 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 |
| 3548 58 55 | 300 | 137 | 60 | 60 | 492 | 492 | 136 | 60 | 60 | 492 | 492 | 135 | 60 | 60 | 492 | 492 |

X

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 306B 58 55 | 58 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1311 | 5110 | 1411 |
| 315B 58 55 | 58 | 11/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 324B 58 55 | 58 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 336B 58 55 | 58 | 11/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 345B 58 55 | 58 | 11/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 354B 58 55 | 58 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 306B 58 55 | 57 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1311 | 5110 | 1411 |
| 315B 58 55 | 57 | 11/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 324B 58 55 | 57 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 336B 58 55 | 57 | 11/16 | 36 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 345B 58 55 | 57 | 11/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 354B 58 55 | 57 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5110 | 1311 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 306B 58 55 | 56 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1311 | 5110 | 1411 |
| 315B 58 55 | 56 | 11/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 324B 58 55 | 56 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 336B 58 55 | 56 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 3/8 | 0 | 1411 | 5110 | 1411 |
| 345B 58 55 | 56 | 11/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 354B 58 55 | 56 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5110 | 1311 |

4-81-248

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

| PANEL NUMBER | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 406B | 58 55 | 300 | 127 | 85 | 85 | 491 | 491 | 127 | 85 | 85 | 491 | 491 | 127 | 80 | 80 | 491 | 491 |
| 415B | 58 55 | 300 | 129 | 70 | 70 | 441 | 441 | 131 | 65 | 65 | 441 | 441 | 132 | 65 | 65 | 441 | 441 |
| 424B | 58 55 | 300 | 131 | 60 | 60 | 431 | 441 | 131 | 60 | 60 | 431 | 431 | 131 | 60 | 60 | 431 | 431 |
| 436B | 58 55 | 300 | 131 | 50 | 50 | 431 | 441 | 131 | 50 | 50 | 431 | 441 | 131 | 50 | 50 | 441 | 441 |
| 445B | 58 55 | 300 | 132 | 55 | 55 | 441 | 441 | 131 | 55 | 55 | 441 | 441 | 129 | 60 | 60 | 441 | 491 |
| 454B | 58 55 | 300 | 127 | 75 | 75 | 491 | 491 | 127 | 75 | 75 | 491 | 491 | 127 | 75 | 75 | 491 | 491 |

| PANEL NUMBER | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 406B | 58 55 | 58 | 11/16 | 55 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 5110 | 1212 | 5110 |
| 415B | 58 55 | 58 | 11/16 | 45 | 123 | 122 | 5/16X15 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 424B | 58 55 | 58 | 11/16 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 436B | 58 55 | 58 | 11/16 | 36 | 122 | 122 | 5/16X12 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 445B | 58 55 | 58 | 11/16 | 42 | 122 | 123 | 5/16X15 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 454B | 58 55 | 58 | 11/16 | 50 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 406B | 58 55 | 57 | 11/16 | 60 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1212 | 5110 |
| 415B | 58 55 | 57 | 11/16 | 46 | 123 | 122 | 5/16X15 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 424B | 58 55 | 57 | 11/16 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 436B | 58 55 | 57 | 11/16 | 36 | 122 | 122 | 5/16X12 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 445B | 58 55 | 57 | 11/16 | 42 | 122 | 123 | 5/16X15 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 454B | 58 55 | 57 | 11/16 | 55 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1212 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 406B | 58 55 | 56 | 11/16 | 55 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1212 | 5110 |
| 415B | 58 55 | 56 | 11/16 | 46 | 123 | 122 | 5/16X15 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 424B | 58 55 | 56 | 11/16 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 436B | 58 55 | 56 | 11/16 | 36 | 122 | 122 | 5/16X12 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 445B | 58 55 | 56 | 11/16 | 42 | 122 | 123 | 5/16X16 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 454B | 58 55 | 56 | 11/16 | 50 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1212 | 5110 |

4-81-249

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

DIVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 1008 58 56 | 210 | 129 | 80 | 80 | 681 | 681 | 532 | 80 | 80 | 0 | 0 | 132 | 70 | 70 | 681 | 681 |
| 3008 58 56 | 210 | 129 | 85 | 85 | 491 | 681 | 532 | 85 | 85 | 0 | 0 | 132 | 75 | 75 | 681 | 681 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 1008 58 56 | 58 | 11/16 | 55 | 131 | 131 | 5/8 X16 | 3/8 | 0 | 5410 | 5010 | 1313 |
| 3008 58 56 | 58 | 11/16 | 60 | 131 | 131 | 5/8 X16 | 3/8 | 0 | 5410 | 5010 | 1313 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 1008 58 56 | 57 | 11/16 | 55 | 131 | 131 | 5/8 X16 | 3/8 | 0 | 5410 | 5010 | 1313 |
| 3008 58 56 | 57 | 11/16 | 60 | 131 | 131 | 5/8 X16 | 3/8 | 0 | 5410 | 5010 | 1313 |

4-81-250

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 103B 59 56 | 300 | 129 | 75 | 75 | 491 | 491 | 132 | 65 | 65 | 491 | 491 | 133 | 60 | 60 | 491 | 492 |
| 112B 59 56 | 300 | 139 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 |
| 121B 59 56 | 300 | 139 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 |
| 130B 59 56 | 300 | 140 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 492 | 492 |
| 139B 59 56 | 300 | 140 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 492 | 492 |
| 148B 59 56 | 300 | 139 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 |
| 157B 59 56 | 300 | 133 | 60 | 60 | 491 | 492 | 132 | 65 | 65 | 491 | 491 | 129 | 75 | 75 | 491 | 491 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPD FY4 | SPD SCL | SPD SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 103B 59 56 | 59 | 11/16 | 55 | 131 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 2310 | 5210 |
| 112B 59 56 | 59 | 11/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 2510 | 5210 | 2410 |
| 121B 59 56 | 59 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 2410 | 5210 |
| 130B 59 56 | 59 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 2410 | 5210 | 2410 |
| 139B 59 56 | 59 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 2410 | 5210 |
| 148B 59 56 | 59 | 11/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 2410 | 5210 | 2510 |
| 157B 59 56 | 59 | 11/16 | 60 | 123 | 131 | 1/2 X16 | 5/16 | 0 | 5210 | 2310 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPD FY4 | SPD SCL | SPD SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 103B 59 56 | 58 | 11/16 | 60 | 131 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1311 | 5210 |
| 112B 59 56 | 58 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1511 | 5210 | 1411 |
| 121B 59 56 | 58 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 130B 59 56 | 58 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 139B 59 56 | 58 | 11/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 148B 59 56 | 58 | 11/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 1411 | 5210 | 1511 |
| 157B 59 56 | 58 | 11/16 | 60 | 123 | 131 | 9/16X16 | 5/16 | 0 | 5210 | 1311 | 5110 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPD FY4 | SPD SCL | SPD SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 103B 59 56 | 57 | 11/16 | 60 | 131 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1311 | 5210 |
| 112B 59 56 | 57 | 11/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1511 | 5210 | 1411 |
| 121B 59 56 | 57 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 130B 59 56 | 57 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 139B 59 56 | 57 | 11/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 148B 59 56 | 57 | 11/16 | 42 | 123 | 123 | 9/16X16 | 3/8 | 0 | 1411 | 5210 | 1511 |
| 157B 59 56 | 57 | 11/16 | 60 | 123 | 131 | 9/16X16 | 5/16 | 0 | 5210 | 1311 | 5110 |

4-B1-251

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 203B | 59 | 56 | 300 | 126 | 90 | 90 | 491 | 491 | 126 | 80 | 80 | 491 | 491 | 126 | 75 | 75 | 491 | 491 |
| 212B | 59 | 56 | 300 | 127 | 70 | 70 | 491 | 491 | 128 | 70 | 70 | 441 | 491 | 129 | 65 | 65 | 441 | 491 |
| 221B | 59 | 56 | 300 | 132 | 55 | 55 | 441 | 441 | 132 | 55 | 55 | 441 | 441 | 132 | 55 | 55 | 441 | 441 |
| 230B | 59 | 56 | 300 | 131 | 55 | 55 | 431 | 431 | 131 | 55 | 55 | 431 | 431 | 131 | 55 | 55 | 431 | 431 |
| 239B | 59 | 56 | 300 | 132 | 60 | 60 | 431 | 441 | 132 | 60 | 60 | 431 | 441 | 132 | 55 | 55 | 441 | 441 |
| 248B | 59 | 56 | 300 | 129 | 70 | 70 | 441 | 441 | 128 | 75 | 75 | 441 | 441 | 127 | 75 | 75 | 441 | 491 |
| 257B | 59 | 56 | 300 | 126 | 80 | 80 | 491 | 491 | 126 | 80 | 80 | 491 | 491 | 126 | 100 | 100 | 491 | 491 |

X

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 203B | 59 | 56 | 59 | 11/16 | 70 | 131 | 123 | 5/8 X16 | 5/16 | 0 | 2010 | 5210 | 5010 |
| 212B | 59 | 56 | 59 | 11/16 | 50 | 123 | 123 | 7/16X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 221B | 59 | 56 | 59 | 11/16 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 5210 | 2110 | 5210 |
| 230B | 59 | 56 | 59 | 11/16 | 42 | 122 | 122 | 5/16X 9 | 5/16 | 0 | 2110 | 5210 | 2110 |
| 239B | 59 | 56 | 59 | 11/16 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 5210 | 2110 | 5210 |
| 248B | 59 | 56 | 59 | 11/16 | 50 | 122 | 123 | 7/16X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 257B | 59 | 56 | 59 | 11/16 | 75 | 123 | 131 | 9/16X16 | 5/16 | 0 | 5010 | 5210 | 2010 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 203B | 59 | 56 | 58 | 11/16 | 65 | 131 | 123 | 5/8 X16 | 5/16 | 0 | 1013 | 5210 | 5010 |
| 212B | 59 | 56 | 58 | 11/16 | 50 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 221B | 59 | 56 | 58 | 11/16 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 230B | 59 | 56 | 58 | 11/16 | 36 | 122 | 122 | 5/16X 9 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 239B | 59 | 56 | 58 | 11/16 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 248B | 59 | 56 | 58 | 11/16 | 50 | 122 | 123 | 7/16X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 257B | 59 | 56 | 58 | 11/16 | 70 | 123 | 131 | 9/16X16 | 5/16 | 0 | 5010 | 5210 | 1013 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 203B | 59 | 56 | 57 | 11/16 | 65 | 131 | 123 | 5/8 X16 | 5/16 | 0 | 1013 | 5210 | 5010 |
| 212B | 59 | 56 | 57 | 11/16 | 50 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 221B | 59 | 56 | 57 | 11/16 | 36 | 122 | 122 | 5/16X13 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 230B | 59 | 56 | 57 | 11/16 | 42 | 122 | 122 | 5/16X 9 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 239B | 59 | 56 | 57 | 11/16 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 248B | 59 | 56 | 57 | 11/16 | 50 | 122 | 123 | 7/16X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 257B | 59 | 56 | 57 | 11/16 | 70 | 123 | 131 | 9/16X16 | 5/16 | 0 | 5010 | 5210 | 1013 |

4-81-252

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

| PANEL NUMBER | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 303B | 59 56 | 300 | 129 | 75 | 75 | 491 | 491 | 132 | 65 | 65 | 491 | 491 | 133 | 60 | 60 | 491 | 492 |
| 312B | 59 56 | 300 | 139 | 55 | 55 | 492 | 492 | 139 | 50 | 50 | 492 | 492 | 139 | 50 | 50 | 492 | 492 |
| 321B | 59 56 | 300 | 139 | 50 | 50 | 492 | 492 | 139 | 50 | 50 | 492 | 492 | 139 | 50 | 50 | 492 | 492 |
| 330B | 59 56 | 300 | 140 | 46 | 46 | 492 | 492 | 140 | 45 | 45 | 492 | 492 | 140 | 45 | 45 | 492 | 492 |
| 339B | 59 56 | 300 | 140 | 50 | 50 | 492 | 492 | 140 | 50 | 50 | 492 | 492 | 140 | 50 | 50 | 492 | 492 |
| 348B | 59 56 | 300 | 139 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 |
| 357B | 59 56 | 300 | 133 | 65 | 65 | 491 | 492 | 132 | 70 | 70 | 491 | 491 | 129 | 80 | 80 | 491 | 491 |

X

| PANEL NUMBER | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 303B | 59 56 | 59 | 11/16 | 60 | 131 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 2310 | 5210 |
| 312B | 59 56 | 59 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 2510 | 5210 | 2410 |
| 321B | 59 56 | 59 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 2410 | 5210 |
| 330B | 59 56 | 59 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 2410 | 5210 | 2410 |
| 339B | 59 56 | 59 | 11/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 2410 | 5210 |
| 348B | 59 56 | 59 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 2410 | 5210 | 2510 |
| 357B | 59 56 | 59 | 11/16 | 65 | 123 | 131 | 1/2 X16 | 5/16 | 0 | 5210 | 2310 | 5110 |

| PANEL NUMBER | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 303B | 59 56 | 58 | 11/16 | 60 | 131 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1311 | 5210 |
| 312B | 59 56 | 58 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1511 | 5210 | 1411 |
| 321B | 59 56 | 58 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 330B | 59 56 | 58 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 339B | 59 56 | 58 | 11/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 348B | 59 56 | 58 | 11/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 1411 | 5210 | 1511 |
| 357B | 59 56 | 58 | 11/16 | 65 | 123 | 131 | 1/2 X16 | 5/16 | 0 | 5210 | 1311 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 303B | 59 56 | 57 | 11/16 | 60 | 131 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1311 | 5210 |
| 312B | 59 56 | 57 | 11/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1511 | 5210 | 1411 |
| 321B | 59 56 | 57 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 330B | 59 56 | 57 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 339B | 59 56 | 57 | 11/16 | 36 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 348B | 59 56 | 57 | 11/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 1411 | 5210 | 1511 |
| 357B | 59 56 | 57 | 11/16 | 65 | 123 | 131 | 9/16X16 | 5/16 | 0 | 5210 | 1311 | 5110 |

4-B1-253

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B 59 56 | 300 | 126 | 100 | 100 | 491 | 491 | 126 | 85 | 85 | 491 | 491 | 126 | 85 | 85 | 491 | 491 |
| 412B 59 56 | 300 | 127 | 75 | 75 | 441 | 491 | 128 | 75 | 75 | 441 | 441 | 129 | 70 | 70 | 441 | 441 |
| 421B 59 56 | 300 | 132 | 60 | 60 | 441 | 441 | 132 | 60 | 60 | 441 | 441 | 132 | 60 | 60 | 441 | 441 |
| 430B 59 56 | 300 | 131 | 55 | 55 | 431 | 431 | 131 | 55 | 55 | 431 | 431 | 131 | 55 | 55 | 431 | 431 |
| 439B 59 56 | 300 | 132 | 50 | 50 | 441 | 441 | 132 | 50 | 50 | 441 | 441 | 132 | 46 | 46 | 441 | 441 |
| 448B 59 56 | 300 | 129 | 65 | 65 | 441 | 491 | 128 | 65 | 65 | 441 | 491 | 127 | 70 | 70 | 491 | 491 |
| 457B 59 56 | 300 | 126 | 75 | 75 | 491 | 491 | 126 | 75 | 75 | 491 | 491 | 126 | 90 | 90 | 491 | 491 |

X

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B 59 56 | 59 | 11/16 | 75 | 131 | 123 | 9/16X16 | 5/16 | 0 | 2010 | 5210 | 5010 |
| 412B 59 56 | 59 | 11/16 | 55 | 123 | 122 | 7/16X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 421B 59 56 | 59 | 11/16 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 5210 | 2110 | 5210 |
| 430B 59 56 | 59 | 11/16 | 42 | 122 | 122 | 5/16X10 | 5/16 | 0 | 2110 | 5210 | 2110 |
| 439B 59 56 | 59 | 11/16 | 36 | 122 | 122 | 5/16X13 | 5/16 | 0 | 5210 | 2110 | 5210 |
| 448B 59 56 | 59 | 11/16 | 45 | 123 | 123 | 7/16X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 457B 59 56 | 59 | 11/16 | 70 | 123 | 131 | 9/16X16 | 5/16 | 0 | 5010 | 5210 | 2010 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B 59 56 | 58 | 11/16 | 70 | 131 | 123 | 5/8 X16 | 5/16 | 0 | 1013 | 5210 | 5010 |
| 412B 59 56 | 58 | 11/16 | 55 | 123 | 123 | 7/16X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 421B 59 56 | 58 | 11/16 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 430B 59 56 | 58 | 11/16 | 36 | 122 | 122 | 5/16X10 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 439B 59 56 | 58 | 11/16 | 36 | 122 | 122 | 5/16X13 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 448B 59 56 | 58 | 11/16 | 46 | 123 | 123 | 7/16X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 457B 59 56 | 58 | 11/16 | 65 | 123 | 131 | 5/8 X16 | 5/16 | 0 | 5010 | 5210 | 1013 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B 59 56 | 57 | 11/16 | 75 | 131 | 123 | 5/8 X16 | 5/16 | 0 | 1013 | 5210 | 5010 |
| 412B 59 56 | 57 | 11/16 | 55 | 123 | 123 | 7/16X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 421B 59 56 | 57 | 11/16 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 430B 59 56 | 57 | 11/16 | 42 | 122 | 122 | 5/16X10 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 439B 59 56 | 57 | 11/16 | 36 | 122 | 122 | 5/16X14 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 448B 59 56 | 57 | 11/16 | 46 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 457B 59 56 | 57 | 11/16 | 65 | 123 | 131 | 5/8 X16 | 5/16 | 0 | 5010 | 5210 | 1013 |

4-81-254

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2008 59 57 | 210 | 132 | 75 | 75 | 681 | 681 | 532 | 80 | 80 | 0 | 0 | 129 | 80 | 80 | 681 | 681 |
| 4008 59 57 | 210 | 132 | 80 | 80 | 681 | 681 | 532 | 90 | 90 | 0 | 0 | 129 | 90 | 90 | 681 | 681 |

X

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPAN FY4 | SPAN SCL | SPAN SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2008 59 57 | 59 | 11/16 | 55 | 131 | 131 | 5/8 X16 | 3/8 | 0 | 2310 | 5010 | 5610 |
| 4008 59 57 | 59 | 11/16 | 60 | 131 | 131 | 5/8 X16 | 3/8 | 0 | 2310 | 5010 | 5610 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPAN FY4 | SPAN SCL | SPAN SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2008 59 57 | 58 | 11/16 | 55 | 131 | 131 | 11/16X16 | 3/8 | 0 | 1313 | 5010 | 5610 |
| 4008 59 57 | 58 | 11/16 | 60 | 131 | 131 | 5/8 X16 | 3/8 | 0 | 1313 | 5010 | 5610 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

4-81-255

**WORTHINGTON, SKILLING, HELLE & JACKSON** — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 109B 60 57 | 300 | 137 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 | 138 | 50 | 50 | 492 | 492 |
| 118B 60 57 | 300 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 |
| 127B 60 57 | 300 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 |
| 133B 60 57 | 300 | 140 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 492 | 492 | 140 | 55 | 55 | 492 | 492 |
| 142B 60 57 | 300 | 139 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 |
| 151B 60 57 | 300 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 | 137 | 55 | 55 | 492 | 492 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 109B 60 57 | 60 | 11/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 118B 60 57 | 60 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 127B 60 57 | 60 | 11/16 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5110 | 1411 | 5210 |
| 133B 60 57 | 60 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1411 | 5110 |
| 142B 60 57 | 60 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 151B 60 57 | 60 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 109B 60 57 | 59 | 11/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 2410 | 5210 |
| 118B 60 57 | 59 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 2410 | 5210 | 2410 |
| 127B 60 57 | 59 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 2410 | 5210 |
| 133B 60 57 | 59 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 2410 | 5110 |
| 142B 60 57 | 59 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 2410 | 5210 | 2410 |
| 151B 60 57 | 59 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 2410 | 5210 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 109B 60 57 | 58 | 11/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 118B 60 57 | 58 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 127B 60 57 | 58 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 1411 | 5210 |
| 133B 60 57 | 58 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1411 | 5110 |
| 142B 60 57 | 58 | 11/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 151B 60 57 | 58 | 11/16 | 42 | 123 | 123 | 9/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |

4-81-256

**WORTHINGTON, SKILLING, HELLE & JACKSON** — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 209B | 60 | 57 | 300 | 126 | 75 | 75 | 491 | 491 | 126 | 75 | 75 | 491 | 491 | 127 | 75 | 75 | 491 | 491 |
| 218B | 60 | 57 | 300 | 132 | 55 | 55 | 441 | 441 | 132 | 55 | 55 | 441 | 441 | 132 | 55 | 55 | 441 | 441 |
| 227B | 60 | 57 | 300 | 131 | 55 | 55 | 431 | 431 | 131 | 55 | 55 | 431 | 431 | 131 | 55 | 55 | 431 | 431 |
| 233B | 60 | 57 | 300 | 131 | 55 | 55 | 431 | 431 | 131 | 55 | 55 | 431 | 431 | 131 | 55 | 55 | 431 | 431 |
| 242B | 60 | 57 | 300 | 132 | 60 | 60 | 441 | 441 | 132 | 60 | 60 | 441 | 441 | 132 | 60 | 60 | 441 | 441 |
| 251B | 60 | 57 | 300 | 127 | 80 | 80 | 441 | 491 | 126 | 80 | 80 | 441 | 491 | 126 | 80 | 80 | 441 | 491 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 209B | 60 | 57 | 60 | 11/16 | 50 | 123 | 123 | 7/16X16 | 1/4 | 0 | 5010 | 5210 | 1212 |
| 218B | 60 | 57 | 60 | 11/16 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 227B | 60 | 57 | 60 | 11/16 | 36 | 122 | 122 | 5/16X10 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 233B | 60 | 57 | 60 | 11/16 | 42 | 122 | 122 | 5/16X10 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 242B | 60 | 57 | 60 | 11/16 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 251B | 60 | 57 | 60 | 11/16 | 55 | 122 | 123 | 7/16X16 | 1/4 | 0 | 1212 | 5210 | 5010 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 209B | 60 | 57 | 59 | 11/16 | 50 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 5010 | 5210 | 2210 |
| 218B | 60 | 57 | 59 | 11/16 | 36 | 122 | 122 | 5/16X14 | 5/16 | 0 | 2610 | 5210 | 2110 |
| 227B | 60 | 57 | 59 | 11/16 | 36 | 122 | 122 | 5/16X10 | 5/16 | 0 | 5110 | 2110 | 5210 |
| 233B | 60 | 57 | 59 | 11/16 | 42 | 122 | 122 | 5/16X10 | 5/16 | 0 | 5210 | 2110 | 5110 |
| 242B | 60 | 57 | 59 | 11/16 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 2110 | 5210 | 2610 |
| 251B | 60 | 57 | 59 | 11/16 | 55 | 123 | 123 | 7/16X16 | 1/4 | 0 | 2210 | 5210 | 5010 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 209B | 60 | 57 | 58 | 11/16 | 55 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 5010 | 5210 | 1212 |
| 218B | 60 | 57 | 58 | 11/16 | 42 | 122 | 122 | 5/16X14 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 227B | 60 | 57 | 58 | 11/16 | 36 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 233B | 60 | 57 | 58 | 11/16 | 42 | 122 | 122 | 5/16X10 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 242B | 60 | 57 | 58 | 11/16 | 42 | 122 | 122 | 5/16X14 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 251B | 60 | 57 | 58 | 11/16 | 55 | 123 | 123 | 7/16X16 | 1/4 | 0 | 1212 | 5210 | 5010 |

4-61-257

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | FY1 | FY2 | CSU | CSL | COLUMN 2 TYPE | FY1 | FY2 | CSU | CSL | COLUMN 3 TYPE | FY1 | FY2 | CSU | CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3098 60 57 | 300 | 137 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 |
| 3188 60 57 | 300 | 138 | 50 | 50 | 492 | 492 | 138 | 50 | 50 | 492 | 492 | 138 | 50 | 50 | 492 | 492 |
| 3278 60 57 | 300 | 138 | 45 | 45 | 492 | 492 | 138 | 45 | 45 | 442 | 492 | 139 | 45 | 45 | 442 | 492 |
| 3338 60 57 | 300 | 140 | 45 | 45 | 492 | 492 | 140 | 46 | 46 | 492 | 492 | 140 | 50 | 50 | 492 | 492 |
| 3428 60 57 | 300 | 139 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 |
| 3518 60 57 | 300 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 | 137 | 60 | 60 | 492 | 492 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3098 60 57 | 60 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 3188 60 57 | 60 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 3278 60 57 | 60 | 11/16 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5110 | 1411 | 5210 |
| 3338 60 57 | 60 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5110 |
| 3428 60 57 | 60 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 3518 60 57 | 60 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3098 60 57 | 59 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 2410 | 5210 |
| 3188 60 57 | 59 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 2410 | 5210 | 2410 |
| 3278 60 57 | 59 | 11/16 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5110 | 2410 | 5210 |
| 3338 60 57 | 59 | 11/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 2410 | 5110 |
| 3428 60 57 | 59 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 2410 | 5210 | 2410 |
| 3518 60 57 | 59 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 2410 | 5210 |

| PANEL NUMBER | FLOOR | 'SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3098 60 57 | 58 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 3188 60 57 | 58 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 3278 60 57 | 58 | 11/16 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5110 | 1411 | 5210 |
| 3338 60 57 | 58 | 11/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1411 | 5110 |
| 3428 60 57 | 58 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 3518 60 57 | 58 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |

REGISTERED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

4-B1-258

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 409B | 60 | 57 | 300 | 126 | 80 | 80 | 491 | 491 | 126 | 80 | 80 | 441 | 491 | 127 | 80 | 80 | 441 | 491 |
| 418B | 60 | 57 | 300 | 132 | 60 | 60 | 441 | 441 | 132 | 60 | 60 | 441 | 441 | 132 | 60 | 60 | 441 | 441 |
| 427B | 60 | 57 | 300 | 131 | 60 | 60 | 431 | 431 | 131 | 55 | 55 | 431 | 431 | 131 | 55 | 55 | 431 | 431 |
| 433B | 60 | 57 | 300 | 131 | 55 | 55 | 431 | 431 | 131 | 55 | 55 | 431 | 431 | 131 | 55 | 55 | 431 | 431 |
| 442B | 60 | 57 | 300 | 132 | 50 | 50 | 441 | 441 | 132 | 50 | 50 | 441 | 441 | 132 | 50 | 50 | 441 | 441 |
| 451B | 60 | 57 | 300 | 127 | 70 | 70 | 491 | 491 | 126 | 75 | 75 | 491 | 491 | 126 | 75 | 75 | 491 | 491 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 409B | 60 | 57 | 60 | 11/16 | 55 | 123 | 123 | 7/16X16 | 1/4 | 0 | 5010 | 5210 | 1212 |
| 418B | 60 | 57 | 60 | 11/16 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 427B | 60 | 57 | 60 | 11/16 | 42 | 122 | 122 | 5/16X10 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 433B | 60 | 57 | 60 | 11/16 | 36 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 442B | 60 | 57 | 60 | 11/16 | 36 | 122 | 122 | 5/16X14 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 451B | 60 | 57 | 60 | 11/16 | 50 | 123 | 123 | 7/16X16 | 1/4 | 0 | 1212 | 5210 | 5010 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 409B | 60 | 57 | 59 | 11/16 | 55 | 123 | 123 | 7/16X16 | 1/4 | 0 | 5010 | 5210 | 2210 |
| 418B | 60 | 57 | 59 | 11/16 | 42 | 122 | 122 | 5/16X14 | 5/16 | 0 | 2610 | 5210 | 2110 |
| 427B | 60 | 57 | 59 | 11/16 | 42 | 122 | 122 | 5/16X10 | 5/16 | 0 | 5110 | 2110 | 5210 |
| 433B | 60 | 57 | 59 | 11/16 | 36 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5210 | 2110 | 5110 |
| 442B | 60 | 57 | 59 | 11/16 | 36 | 122 | 122 | 5/16X14 | 5/16 | 0 | 2110 | 5210 | 2610 |
| 451B | 60 | 57 | 59 | 11/16 | 50 | 123 | 123 | 7/16X16 | 1/4 | 0 | 2210 | 5210 | 5010 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 409B | 60 | 57 | 58 | 11/16 | 55 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 5010 | 5210 | 1212 |
| 418B | 60 | 57 | 58 | 11/16 | 42 | 122 | 122 | 5/16X14 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 427B | 60 | 57 | 58 | 11/16 | 42 | 122 | 122 | 5/16X10 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 433B | 60 | 57 | 58 | 11/16 | 36 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 442B | 60 | 57 | 58 | 11/16 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 451B | 60 | 57 | 58 | 11/16 | 50 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 1212 | 5210 | 5010 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

4-B1-259

**WORTHINGTON, SKILLING, HELLE & JACKSON** — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100B | 60 | 58 | 210 | 129 | 80 | 80 | 681 | 681 | 532 | 80 | 80 | 0 | 0 | 132 | 70 | 70 | 681 | 681 |
| 300B | 60 | 58 | 210 | 129 | 85 | 85 | 491 | 491 | 532 | 85 | 85 | 0 | 0 | 132 | 75 | 75 | 491 | 681 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SPAN FY4 | SPAN SCL | SPAN SCR | WELDMENTS NO 5 | WELD NO 6 | WELD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100B | 60 | 58 | 60 | 11/16 | 55 | 131 | 131 | 5/8 X16 | 3/8 | 0 | 5410 | 5010 | 1313 |
| 300B | 60 | 58 | 60 | 11/16 | 60 | 131 | 131 | 9/16X16 | 3/8 | 0 | 5410 | 5010 | 1313 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SPAN FY4 | SPAN SCL | SPAN SCR | WELDMENTS NO 5 | WELD NO 6 | WELD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100B | 60 | 58 | 59 | 11/16 | 55 | 131 | 131 | 5/8 X16 | 3/8 | 0 | 5410 | 5010 | 2310 |
| 300B | 60 | 58 | 59 | 11/16 | 60 | 131 | 131 | 9/16X16 | 3/8 | 0 | 5410 | 5010 | 2310 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

4-B1-260

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 106B | 61 | 58 | 300 | 134 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 492 |
| 115B | 61 | 58 | 300 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 |
| 124B | 61 | 58 | 300 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 |
| 136B | 61 | 58 | 300 | 139 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 | 139 | 55 | 55 | 492 | 492 |
| 145B | 61 | 58 | 300 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 |
| 154B | 61 | 58 | 300 | 135 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 492 | 134 | 60 | 60 | 492 | 492 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B | 61 | 58 | 61 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1311 | 5110 | 1411 |
| 115B | 61 | 58 | 61 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 124B | 61 | 58 | 61 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 136B | 61 | 58 | 61 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 145B | 61 | 58 | 61 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 154B | 61 | 58 | 61 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B | 61 | 58 | 60 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1311 | 5110 | 1411 |
| 115B | 61 | 58 | 60 | 11/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 124B | 61 | 58 | 60 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 136B | 61 | 58 | 60 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 145B | 61 | 58 | 60 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 154B | 61 | 58 | 60 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B | 61 | 58 | 59 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 2310 | 5110 | 2410 |
| 115B | 61 | 58 | 59 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 2410 | 5110 |
| 124B | 61 | 58 | 59 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 2410 | 5110 | 2410 |
| 136B | 61 | 58 | 59 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 2410 | 5110 | 2410 |
| 145B | 61 | 58 | 59 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 2410 | 5110 |
| 154B | 61 | 58 | 59 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 2410 | 5110 | 2310 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

4-B1-261

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 206B | 61 | 58 | 300 | 126 | 80 | 80 | 491 | 491 | 126 | 80 | 80 | 491 | 491 | 126 | 80 | 80 | 491 | 491 |
| 215B | 61 | 58 | 300 | 129 | 60 | 60 | 441 | 441 | 130 | 60 | 60 | 441 | 441 | 131 | 60 | 60 | 441 | 441 |
| 224B | 61 | 58 | 300 | 130 | 55 | 55 | 431 | 441 | 130 | 55 | 55 | 431 | 431 | 130 | 55 | 55 | 431 | 431 |
| 236B | 61 | 58 | 300 | 130 | 60 | 60 | 431 | 431 | 130 | 60 | 60 | 431 | 431 | 130 | 60 | 60 | 431 | 431 |
| 245B | 61 | 58 | 300 | 131 | 60 | 60 | 441 | 441 | 130 | 65 | 65 | 441 | 441 | 129 | 65 | 65 | 441 | 441 |
| 254B | 61 | 58 | 300 | 126 | 80 | 80 | 441 | 491 | 126 | 80 | 80 | 441 | 491 | 126 | 85 | 85 | 441 | 491 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 206B | 61 | 58 | 61 | 11/16 | 55 | 123 | 123 | 7/16X16 | 1/4 | 0 | 5110 | 1212 | 5110 |
| 215B | 61 | 58 | 61 | 11/16 | 42 | 122 | 122 | 5/16X14 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 224B | 61 | 58 | 61 | 11/16 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 236B | 61 | 58 | 61 | 11/16 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 245B | 61 | 58 | 61 | 11/16 | 45 | 122 | 122 | 5/16X13 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 254B | 61 | 58 | 61 | 11/16 | 55 | 123 | 123 | 7/16X16 | 1/4 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 206B | 61 | 58 | 60 | 11/16 | 55 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 5110 | 1212 | 5110 |
| 215B | 61 | 58 | 60 | 11/16 | 42 | 122 | 122 | 5/16X14 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 224B | 61 | 58 | 60 | 11/16 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 236B | 61 | 58 | 60 | 11/16 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 245B | 61 | 58 | 60 | 11/16 | 45 | 122 | 122 | 5/16X14 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 254B | 61 | 58 | 60 | 11/16 | 60 | 123 | 123 | 7/16X16 | 1/4 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 206B | 61 | 58 | 59 | 11/16 | 50 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 5110 | 2210 | 5110 |
| 215B | 61 | 58 | 59 | 11/16 | 42 | 123 | 122 | 5/16X15 | 5/16 | 0 | 2210 | 5510 | 5110 |
| 224B | 61 | 58 | 59 | 11/16 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 2110 | 5110 | 2110 |
| 236B | 61 | 58 | 59 | 11/16 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 2110 | 5110 | 2110 |
| 245B | 61 | 58 | 59 | 11/16 | 45 | 122 | 122 | 5/16X14 | 5/16 | 0 | 5110 | 5310 | 2210 |
| 254B | 61 | 58 | 59 | 11/16 | 55 | 123 | 123 | 7/16X16 | 1/4 | 0 | 5110 | 2210 | 5110 |

LESLIE E. ROBERTSON LICENSED PROFESSIONAL ENGINEER No. 34360 OF THE STATE OF NEW YORK

4-81-262

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 306B | 61 | 58 | 300 | 134 | 60 | 60 | 492 | 492 | 135 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 492 |
| 315B | 61 | 58 | 300 | 138 | 50 | 50 | 492 | 492 | 138 | 50 | 50 | 492 | 492 | 138 | 50 | 50 | 492 | 492 |
| 324B | 61 | 58 | 300 | 138 | 46 | 46 | 492 | 492 | 138 | 46 | 46 | 492 | 492 | 138 | 45 | 45 | 492 | 492 |
| 336B | 61 | 58 | 300 | 139 | 50 | 50 | 492 | 492 | 139 | 50 | 50 | 492 | 492 | 139 | 50 | 50 | 492 | 492 |
| 345B | 61 | 58 | 300 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 |
| 354B | 61 | 58 | 300 | 135 | 60 | 60 | 492 | 492 | 135 | 60 | 60 | 492 | 492 | 134 | 60 | 60 | 492 | 492 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 306B | 61 | 58 | 61 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1311 | 5110 | 1411 |
| 315B | 61 | 58 | 61 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 324B | 61 | 58 | 61 | 11/16 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 336B | 61 | 58 | 61 | 11/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 345B | 61 | 58 | 61 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 354B | 61 | 58 | 61 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 306B | 61 | 58 | 60 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1311 | 5110 | 1411 |
| 315B | 61 | 58 | 60 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 324B | 61 | 58 | 60 | 11/16 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 336B | 61 | 58 | 60 | 11/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 345B | 61 | 58 | 60 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 354B | 61 | 58 | 60 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 306B | 61 | 58 | 59 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 2310 | 5110 | 2410 |
| 315B | 61 | 58 | 59 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 2410 | 5110 |
| 324B | 61 | 58 | 59 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 2410 | 5110 | 2410 |
| 336B | 61 | 58 | 59 | 11/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 2410 | 5110 | 2410 |
| 345B | 61 | 58 | 59 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 2410 | 5110 |
| 354B | 61 | 58 | 59 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 2410 | 5110 | 2310 |

4-81-263

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 4068 | 61 | 58 | 300 | 126 | 85 | 85 | 491 | 491 | 126 | 85 | 85 | 491 | 491 | 126 | 85 | 85 | 491 | 491 |
| 4158 | 61 | 58 | 300 | 129 | 65 | 65 | 441 | 441 | 130 | 65 | 65 | 441 | 441 | 131 | 65 | 65 | 441 | 441 |
| 4248 | 61 | 58 | 300 | 130 | 60 | 60 | 431 | 431 | 130 | 60 | 60 | 431 | 431 | 130 | 60 | 60 | 431 | 431 |
| 4368 | 61 | 58 | 300 | 130 | 55 | 55 | 431 | 431 | 130 | 50 | 50 | 431 | 431 | 130 | 50 | 50 | 431 | 441 |
| 4458 | 61 | 58 | 300 | 131 | 55 | 55 | 441 | 441 | 130 | 55 | 55 | 441 | 441 | 129 | 60 | 60 | 441 | 441 |
| 4548 | 61 | 58 | 300 | 126 | 75 | 75 | 491 | 491 | 126 | 75 | 75 | 491 | 491 | 126 | 80 | 80 | 491 | 491 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 4068 | 61 | 58 | 61 | 11/16 | 60 | 123 | 123 | 7/16X16 | 1/4 | 0 | 5110 | 1212 | 5110 |
| 4158 | 61 | 58 | 61 | 11/16 | 45 | 122 | 122 | 5/16X14 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 4248 | 61 | 58 | 61 | 11/16 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 4368 | 61 | 58 | 61 | 11/16 | 36 | 122 | 122 | 5/16X11 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 4458 | 61 | 58 | 61 | 11/16 | 42 | 122 | 122 | 5/16X14 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 4548 | 61 | 58 | 61 | 11/16 | 55 | 123 | 123 | 7/16X16 | 1/4 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 4068 | 61 | 58 | 60 | 11/16 | 60 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 5110 | 1212 | 5110 |
| 4158 | 61 | 58 | 60 | 11/16 | 45 | 122 | 122 | 5/16X14 | 5/16 | 0 | 1212 | 5510 | 5110 |
| 4248 | 61 | 58 | 60 | 11/16 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 4368 | 61 | 58 | 60 | 11/16 | 36 | 122 | 122 | 5/16X12 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 4458 | 61 | 58 | 60 | 11/16 | 42 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5110 | 5310 | 1212 |
| 4548 | 61 | 58 | 60 | 11/16 | 55 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 4068 | 61 | 58 | 59 | 11/16 | 55 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 5110 | 2210 | 5110 |
| 4158 | 61 | 58 | 59 | 11/16 | 45 | 122 | 122 | 5/16X14 | 5/16 | 0 | 2210 | 5510 | 5110 |
| 4248 | 61 | 58 | 59 | 11/16 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 2110 | 5110 | 2110 |
| 4368 | 61 | 58 | 59 | 11/16 | 36 | 122 | 122 | 5/16X12 | 5/16 | 0 | 2110 | 5110 | 2110 |
| 4458 | 61 | 58 | 59 | 11/16 | 42 | 122 | 123 | 5/16X15 | 5/16 | 0 | 5110 | 5310 | 2210 |
| 4548 | 61 | 58 | 59 | 11/16 | 50 | 123 | 123 | 1/2 X16 | 1/4 | 0 | 5110 | 2210 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF THE STATE OF NEW YORK

4-81-264

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 200B | 61 | 59 | 210 | 132 | 75 | 75 | 681 | 681 | 532 | 80 | 80 | 0 | 0 | 129 | 80 | 80 | 491 | 681 |
| 400B | 61 | 59 | 210 | 132 | 80 | 80 | 681 | 681 | 532 | 85 | 85 | 0 | 0 | 129 | 85 | 85 | 491 | 681 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SPAN FY4 | SPAN SCL | SPAN SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 200B | 61 | 59 | 61 | 11/16 | 55 | 131 | 131 | 5/8 X16 | 3/8 | 0 | 1313 | 5010 | 5610 |
| 400B | 61 | 59 | 61 | 11/16 | 60 | 131 | 131 | 5/8 X16 | 3/8 | 0 | 1313 | 5010 | 5610 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SPAN FY4 | SPAN SCL | SPAN SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 200B | 61 | 59 | 60 | 11/16 | 55 | 131 | 131 | 5/8 X16 | 3/8 | 0 | 1313 | 5010 | 5610 |
| 400B | 61 | 59 | 60 | 11/16 | 60 | 131 | 131 | 5/8 X16 | 3/8 | 0 | 1313 | 5010 | 5610 |

REGISTERED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

4-61-265

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 103B 62 59 | 300 | 129 | 70 | 70 | 491 | 491 | 131 | 65 | 65 | 491 | 491 | 132 | 60 | 60 | 491 | 491 |
| 112B 62 59 | 300 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 |
| 121B 62 59 | 300 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 |
| 130B 62 59 | 300 | 138 | 55 | 55 | 442 | 492 | 138 | 55 | 55 | 442 | 492 | 138 | 55 | 55 | 492 | 492 |
| 139B 62 59 | 300 | 139 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 |
| 148B 62 59 | 300 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 |
| 157B 62 59 | 300 | 132 | 60 | 60 | 491 | 491 | 131 | 65 | 65 | 491 | 491 | 129 | 75 | 75 | 491 | 491 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 103B 62 59 | 62 | 11/16 | 55 | 131 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 1311 | 5210 |
| 112B 62 59 | 62 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1511 | 5210 | 1411 |
| 121B 62 59 | 62 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 130B 62 59 | 62 | 11/16 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 139B 62 59 | 62 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 148B 62 59 | 62 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5210 | 1511 |
| 157B 62 59 | 62 | 11/16 | 55 | 123 | 131 | 1/2 X16 | 5/16 | 0 | 5210 | 1311 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 103B 62 59 | 61 | 11/16 | 55 | 131 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1311 | 5210 |
| 112B 62 59 | 61 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1511 | 5210 | 1411 |
| 121B 62 59 | 61 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 130B 62 59 | 61 | 11/16 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 139B 62 59 | 61 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 148B 62 59 | 61 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5210 | 1511 |
| 157B 62 59 | 61 | 11/16 | 55 | 123 | 131 | 1/2 X16 | 5/16 | 0 | 5210 | 1311 | 5110 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
CITY OF THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 103B 62 59 | 60 | 11/16 | 55 | 131 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1311 | 5210 |
| 112B 62 59 | 60 | 11/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1511 | 5210 | 1411 |
| 121B 62 59 | 60 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 130B 62 59 | 60 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 139B 62 59 | 60 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 148B 62 59 | 60 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5210 | 1511 |
| 157B 62 59 | 60 | 11/16 | 60 | 123 | 131 | 1/2 X16 | 5/16 | 0 | 5210 | 1311 | 5110 |

4-B1-266

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

DIVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2038 62 59 | 300 | 125 | 90 | 90 | 491 | 491 | 125 | 80 | 80 | 491 | 491 | 125 | 80 | 80 | 491 | 491 |
| 2128 62 59 | 300 | 126 | 75 | 75 | 441 | 491 | 127 | 70 | 70 | 441 | 441 | 128 | 70 | 70 | 441 | 441 |
| 2218 62 59 | 300 | 131 | 55 | 55 | 441 | 441 | 131 | 55 | 55 | 431 | 441 | 130 | 55 | 55 | 431 | 441 |
| 2308 62 59 | 300 | 130 | 55 | 55 | 431 | 431 | 130 | 55 | 55 | 431 | 431 | 130 | 55 | 55 | 431 | 431 |
| 2398 62 59 | 300 | 130 | 60 | 60 | 431 | 431 | 131 | 60 | 60 | 431 | 431 | 131 | 60 | 60 | 441 | 441 |
| 2488 62 59 | 300 | 128 | 70 | 70 | 441 | 441 | 127 | 75 | 75 | 441 | 441 | 126 | 75 | 75 | 441 | 441 |
| 2578 62 59 | 300 | 125 | 85 | 85 | 441 | 491 | 125 | 85 | 85 | 441 | 491 | 125 | 90 | 90 | 491 | 491 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2038 62 59 | 62 | 11/16 | 70 | 131 | 123 | 9/16X16 | 5/16 | 0 | 1013 | 5210 | 5010 |
| 2128 62 59 | 62 | 11/16 | 50 | 123 | 122 | 7/16X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 2218 62 59 | 62 | 11/16 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 2308 62 59 | 62 | 11/16 | 42 | 121 | 121 | 5/16X 9 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 2398 62 59 | 62 | 11/16 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 2488 62 59 | 62 | 11/16 | 50 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 2578 62 59 | 62 | 11/16 | 70 | 123 | 131 | 1/2 X16 | 5/16 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2038 62 59 | 61 | 11/16 | 70 | 131 | 123 | 9/16X16 | 5/16 | 0 | 1013 | 5210 | 5010 |
| 2128 62 59 | 61 | 11/16 | 50 | 123 | 122 | 7/16X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 2218 62 59 | 61 | 11/16 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 2308 62 59 | 61 | 11/16 | 42 | 121 | 121 | 5/16X 9 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 2398 62 59 | 61 | 11/16 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 2488 62 59 | 61 | 11/16 | 55 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 2578 62 59 | 61 | 11/16 | 70 | 123 | 131 | 1/2 X16 | 5/16 | 0 | 5010 | 5210 | 1013 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2038 62 59 | 60 | 11/16 | 70 | 131 | 123 | 9/16X16 | 5/16 | 0 | 1013 | 5210 | 5010 |
| 2128 62 59 | 60 | 11/16 | 50 | 123 | 122 | 7/16X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 2218 62 59 | 60 | 11/16 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 2308 62 59 | 60 | 11/16 | 42 | 122 | 122 | 5/16X 9 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 2398 62 59 | 60 | 11/16 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 2488 62 59 | 60 | 11/16 | 55 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 2578 62 59 | 60 | 11/16 | 70 | 123 | 131 | 1/2 X16 | 5/16 | 0 | 5010 | 5210 | 1013 |

4-81-267

**WORTHINGTON, SKILLING, HELLE & JACKSON** — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 303B 62 59 | 300 | 129 | 75 | 75 | 491 | 491 | 131 | 65 | 65 | 491 | 491 | 132 | 60 | 60 | 491 | 491 |
| 312B 62 59 | 300 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 | 138 | 50 | 50 | 492 | 492 |
| 321B 62 59 | 300 | 138 | 50 | 50 | 492 | 492 | 138 | 50 | 50 | 492 | 492 | 138 | 50 | 50 | 492 | 492 |
| 330B 62 59 | 300 | 138 | 45 | 45 | 442 | 492 | 138 | 45 | 45 | 442 | 492 | 138 | 46 | 46 | 492 | 492 |
| 339B 62 59 | 300 | 139 | 50 | 50 | 492 | 492 | 138 | 50 | 50 | 492 | 492 | 138 | 50 | 50 | 492 | 492 |
| 348B 62 59 | 300 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 |
| 357B 62 59 | 300 | 132 | 65 | 65 | 491 | 491 | 131 | 70 | 70 | 491 | 491 | 129 | 80 | 80 | 491 | 491 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 303B 62 59 | 62 | 11/16 | 60 | 131 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 1311 | 5210 |
| 312B 62 59 | 62 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1511 | 5210 | 1411 |
| 321B 62 59 | 62 | 11/16 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 330B 62 59 | 62 | 11/16 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 339B 62 59 | 62 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 348B 62 59 | 62 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5210 | 1511 |
| 357B 62 59 | 62 | 11/16 | 60 | 123 | 131 | 7/16X16 | 5/16 | 0 | 5210 | 1311 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 303B 62 59 | 61 | 11/16 | 60 | 131 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 1311 | 5210 |
| 312B 62 59 | 61 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1511 | 5210 | 1411 |
| 321B 62 59 | 61 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 330B 62 59 | 61 | 11/16 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 339B 62 59 | 61 | 11/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 348B 62 59 | 61 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5210 | 1511 |
| 357B 62 59 | 61 | 11/16 | 60 | 123 | 131 | 1/2 X16 | 5/16 | 0 | 5210 | 1311 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 303B 62 59 | 60 | 11/16 | 60 | 131 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 1311 | 5210 |
| 312B 62 59 | 60 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1511 | 5210 | 1411 |
| 321B 62 59 | 60 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 330B 62 59 | 60 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 339B 62 59 | 60 | 11/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 348B 62 59 | 60 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5210 | 1511 |
| 357B 62 59 | 60 | 11/16 | 60 | 123 | 131 | 1/2 X16 | 5/16 | 0 | 5210 | 1311 | 5110 |

REGISTERED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

4-81-268

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 4035 | 62 | 59 | 300 | 125 | 100 | 100 | 491 | 491 | 125 | 85 | 85 | 491 | 491 | 125 | 85 | 85 | 491 | 491 |
| 4128 | 62 | 59 | 300 | 126 | 80 | 80 | 441 | 441 | 127 | 75 | 75 | 441 | 441 | 128 | 75 | 75 | 441 | 441 |
| 4218 | 62 | 59 | 300 | 131 | 60 | 60 | 431 | 441 | 131 | 60 | 60 | 431 | 441 | 130 | 60 | 60 | 431 | 441 |
| 4308 | 62 | 59 | 300 | 130 | 55 | 55 | 431 | 431 | 130 | 55 | 55 | 431 | 431 | 130 | 55 | 55 | 431 | 431 |
| 4398 | 62 | 59 | 300 | 130 | 50 | 50 | 441 | 441 | 131 | 50 | 50 | 441 | 441 | 131 | 50 | 50 | 441 | 441 |
| 4488 | 62 | 59 | 300 | 128 | 65 | 65 | 441 | 441 | 127 | 70 | 70 | 441 | 441 | 126 | 70 | 70 | 441 | 491 |
| 4578 | 62 | 59 | 300 | 125 | 80 | 80 | 491 | 491 | 125 | 80 | 80 | 491 | 491 | 125 | 85 | 85 | 491 | 491 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 4038 | 62 | 59 | 62 | 11/16 | 75 | 131 | 123 | 9/16X16 | 5/16 | 0 | 1013 | 5210 | 5010 |
| 4128 | 62 | 59 | 62 | 11/16 | 55 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 4218 | 62 | 59 | 62 | 11/16 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 4308 | 62 | 59 | 62 | 11/16 | 42 | 121 | 122 | 5/16X 9 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 4398 | 62 | 59 | 62 | 11/16 | 36 | 122 | 122 | 5/16X12 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 4488 | 62 | 59 | 62 | 11/16 | 46 | 122 | 123 | 7/16X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 4578 | 62 | 59 | 62 | 11/16 | 65 | 123 | 131 | 9/16X16 | 5/16 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 4038 | 62 | 59 | 61 | 11/16 | 75 | 131 | 123 | 9/16X16 | 5/16 | 0 | 1013 | 5210 | 5010 |
| 4128 | 62 | 59 | 61 | 11/16 | 55 | 123 | 122 | 7/16X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 4218 | 62 | 59 | 61 | 11/16 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 4308 | 62 | 59 | 61 | 11/16 | 42 | 121 | 122 | 5/16X 9 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 4398 | 62 | 59 | 61 | 11/16 | 36 | 122 | 122 | 5/16X12 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 4488 | 62 | 59 | 61 | 11/16 | 50 | 122 | 123 | 7/16X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 4578 | 62 | 59 | 61 | 11/16 | 70 | 123 | 131 | 9/16X16 | 5/16 | 0 | 5010 | 5210 | 1013 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 4038 | 62 | 59 | 60 | 11/16 | 75 | 131 | 123 | 9/16X16 | 5/16 | 0 | 1013 | 5210 | 5010 |
| 4128 | 62 | 59 | 60 | 11/16 | 55 | 123 | 122 | 7/16X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 4218 | 62 | 59 | 60 | 11/16 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 4308 | 62 | 59 | 60 | 11/16 | 42 | 122 | 122 | 5/16X 9 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 4398 | 62 | 59 | 60 | 11/16 | 36 | 122 | 122 | 5/16X13 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 4488 | 62 | 59 | 60 | 11/16 | 50 | 122 | 123 | 7/16X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 4578 | 62 | 59 | 60 | 11/16 | 70 | 123 | 131 | 9/16X16 | 5/16 | 0 | 5010 | 5210 | 1013 |

4-81-269

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100B 62 60 | 210 | 129 | 75 | 75 | 491 | 681 | 531 | 75 | 75 | 0 | 0 | 131 | 75 | 75 | 491 | 681 |
| 300B 62 60 | 210 | 129 | 80 | 80 | 491 | 491 | 531 | 80 | 80 | 0 | 0 | 131 | 80 | 80 | 491 | 491 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPAN FY4 | SPAN SCL | SPAN SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 100B 62 60 | 62 | 11/16 | 55 | 131 | 131 | 9/16X16 | 3/8 | 0 | 5410 | 5010 | 1313 |
| 300B 62 60 | 62 | 11/16 | 55 | 131 | 131 | 9/16X16 | 3/8 | 0 | 5410 | 5010 | 1313 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPAN FY4 | SPAN SCL | SPAN SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 100B 62 60 | 61 | 11/16 | 55 | 131 | 131 | 5/8 X16 | 3/8 | 0 | 5410 | 5010 | 1313 |
| 300B 62 60 | 61 | 11/16 | 55 | 131 | 131 | 9/16X16 | 3/8 | 0 | 5410 | 5010 | 1313 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

4-81-270

**WORTHINGTON, SKILLING, HELLE & JACKSON** — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 109B 63 60 | 300 | 135 | 55 | 55 | 492 | 492 | 136 | 55 | 55 | 492 | 492 | 137 | 55 | 55 | 492 | 492 |
| 118B 63 60 | 300 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 |
| 127B 63 60 | 300 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 442 | 492 | 138 | 55 | 55 | 442 | 492 |
| 133B 63 60 | 300 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 |
| 142B 63 60 | 300 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 |
| 151B 63 60 | 300 | 137 | 55 | 55 | 492 | 492 | 136 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 492 |

X

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 109B 63 60 | 63 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 118B 63 60 | 63 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 127B 63 60 | 63 | 11/16 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5110 | 1411 | 5210 |
| 133B 63 60 | 63 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5110 |
| 142B 63 60 | 63 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 151B 63 60 | 63 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 109B 63 60 | 62 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 118B 63 60 | 62 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 127B 63 60 | 62 | 11/16 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5110 | 1411 | 5210 |
| 133B 63 60 | 62 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5110 |
| 142B 63 60 | 62 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 151B 63 60 | 62 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 109B 63 60 | 61 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 118B 63 60 | 61 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 127B 63 60 | 61 | 11/16 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5110 | 1411 | 5210 |
| 133B 63 60 | 61 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5110 |
| 142B 63 60 | 61 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 151B 63 60 | 61 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |

4-81-271

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

| PANEL NUMBER | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 209B 63 | 60 | 300 | 126 | 75 | 75 | 441 | 491 | 126 | 75 | 75 | 441 | 491 | 126 | 75 | 75 | 441 | 491 |
| 218B 63 | 60 | 300 | 131 | 60 | 60 | 441 | 441 | 131 | 55 | 55 | 441 | 441 | 131 | 55 | 55 | 441 | 441 |
| 227B 63 | 60 | 300 | 129 | 55 | 55 | 431 | 431 | 129 | 55 | 55 | 431 | 431 | 129 | 55 | 55 | 431 | 431 |
| 233B 63 | 60 | 300 | 129 | 55 | 55 | 431 | 431 | 129 | 60 | 60 | 431 | 431 | 129 | 60 | 60 | 431 | 431 |
| 242B 63 | 60 | 300 | 131 | 60 | 60 | 441 | 441 | 131 | 60 | 60 | 441 | 441 | 131 | 60 | 60 | 441 | 441 |
| 251B 63 | 60 | 300 | 126 | 80 | 80 | 441 | 441 | 126 | 80 | 80 | 441 | 441 | 126 | 80 | 80 | 441 | 441 |

| PANEL NUMBER | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 209B 63 | 60 | 63 | 11/16 | 55 | 123 | 122 | 7/16X16 | 1/4 | 0 | 5010 | 5210 | 1212 |
| 218B 63 | 60 | 63 | 11/16 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 227B 63 | 60 | 63 | 11/16 | 36 | 122 | 121 | 5/16X 9 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 233B 63 | 60 | 63 | 11/16 | 42 | 121 | 122 | 5/16X 9 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 242B 63 | 60 | 63 | 11/16 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 251B 63 | 60 | 63 | 11/16 | 55 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 1212 | 5210 | 5010 |

| PANEL NUMBER | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 209B 63 | 60 | 62 | 11/16 | 55 | 123 | 123 | 7/16X16 | 1/4 | 0 | 5010 | 5210 | 1212 |
| 218B 63 | 60 | 62 | 11/16 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 227B 63 | 60 | 62 | 11/16 | 36 | 122 | 121 | 5/16X 9 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 233B 63 | 60 | 62 | 11/16 | 42 | 121 | 122 | 5/16X 9 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 242B 63 | 60 | 62 | 11/16 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 251B 63 | 60 | 62 | 11/16 | 55 | 122 | 122 | 7/16X16 | 1/4 | 0 | 1212 | 5210 | 5010 |

| PANEL NUMBER | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 209B 63 | 60 | 61 | 11/16 | 50 | 123 | 123 | 7/16X16 | 1/4 | 0 | 5010 | 5210 | 1212 |
| 218B 63 | 60 | 61 | 11/16 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 227B 63 | 60 | 61 | 11/16 | 36 | 122 | 121 | 5/16X 9 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 233B 63 | 60 | 61 | 11/16 | 42 | 121 | 122 | 5/16X 9 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 242B 63 | 60 | 61 | 11/16 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 251B 63 | 60 | 61 | 11/16 | 55 | 122 | 123 | 7/16X16 | 1/4 | 0 | 1212 | 5210 | 5010 |

4-81-272

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 309B | 63 | 60 | 300 | 135 | 55 | 55 | 492 | 492 | 136 | 55 | 55 | 492 | 492 | 137 | 55 | 55 | 492 | 492 |
| 318B | 63 | 60 | 300 | 138 | 50 | 50 | 492 | 492 | 138 | 50 | 50 | 492 | 492 | 138 | 50 | 50 | 492 | 492 |
| 327B | 63 | 60 | 300 | 138 | 46 | 46 | 442 | 492 | 138 | 45 | 45 | 442 | 442 | 138 | 46 | 46 | 442 | 442 |
| 333B | 63 | 60 | 300 | 138 | 46 | 46 | 492 | 492 | 138 | 50 | 50 | 492 | 492 | 138 | 50 | 50 | 492 | 492 |
| 342B | 63 | 60 | 300 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 |
| 351B | 63 | 60 | 300 | 137 | 55 | 55 | 492 | 492 | 136 | 60 | 60 | 492 | 492 | 135 | 60 | 60 | 492 | 492 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 309B | 63 | 60 | 63 | 11/16 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 318B | 63 | 60 | 63 | 11/16 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 327B | 63 | 60 | 63 | 11/16 | 36 | 123 | 122 | 5/16X16 | 5/16 | 0 | 5110 | 1411 | 5210 |
| 333B | 63 | 60 | 63 | 11/16 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 1411 | 5110 |
| 342B | 63 | 60 | 63 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 351B | 63 | 60 | 63 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 309B | 63 | 60 | 62 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 318B | 63 | 60 | 62 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 327B | 63 | 60 | 62 | 11/16 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5110 | 1411 | 5210 |
| 333B | 63 | 60 | 62 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5110 |
| 342B | 63 | 60 | 62 | 11/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 351B | 63 | 60 | 62 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 309B | 63 | 60 | 61 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 318B | 63 | 60 | 61 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 327B | 63 | 60 | 61 | 11/16 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5110 | 1411 | 5210 |
| 333B | 63 | 60 | 61 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5110 |
| 342B | 63 | 60 | 61 | 11/16 | 36 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 351B | 63 | 60 | 61 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |

4-B1-273

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

DIVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 409B | 63 | 60 | 300 | 126 | 85 | 85 | 441 | 491 | 126 | 85 | 85 | 441 | 441 | 126 | 80 | 80 | 441 | 441 |
| 418B | 63 | 60 | 300 | 131 | 60 | 60 | 441 | 441 | 131 | 60 | 60 | 441 | 441 | 131 | 60 | 60 | 441 | 441 |
| 427B | 63 | 60 | 300 | 129 | 60 | 60 | 431 | 431 | 129 | 60 | 60 | 431 | 431 | 129 | 60 | 60 | 431 | 431 |
| 433B | 63 | 60 | 300 | 129 | 55 | 55 | 431 | 431 | 129 | 55 | 55 | 431 | 431 | 129 | 55 | 55 | 431 | 431 |
| 442B | 63 | 60 | 300 | 131 | 50 | 50 | 441 | 441 | 131 | 50 | 50 | 441 | 441 | 131 | 55 | 55 | 441 | 441 |
| 451B | 63 | 60 | 300 | 126 | 75 | 75 | 441 | 491 | 126 | 75 | 75 | 441 | 491 | 126 | 75 | 75 | 441 | 491 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 409B | 63 | 60 | 63 | 11/16 | 55 | 122 | 122 | 7/16X16 | 1/4 | 0 | 5010 | 5210 | 1212 |
| 418B | 63 | 60 | 63 | 11/16 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 427B | 63 | 60 | 63 | 11/16 | 42 | 122 | 121 | 5/16X 9 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 433B | 63 | 60 | 63 | 11/16 | 36 | 122 | 122 | 5/16X10 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 442B | 63 | 60 | 63 | 11/16 | 36 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 451B | 63 | 60 | 63 | 11/16 | 50 | 122 | 123 | 7/16X16 | 1/4 | 0 | 1212 | 5210 | 5010 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 409B | 63 | 60 | 62 | 11/16 | 60 | 123 | 122 | 7/16X16 | 1/4 | 0 | 5010 | 5210 | 1212 |
| 418B | 63 | 60 | 62 | 11/16 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 427B | 63 | 60 | 62 | 11/16 | 42 | 122 | 121 | 5/16X 9 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 433B | 63 | 60 | 62 | 11/16 | 36 | 122 | 122 | 5/16X10 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 442B | 63 | 60 | 62 | 11/16 | 36 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 451B | 63 | 60 | 62 | 11/16 | 55 | 123 | 123 | 7/16X16 | 1/4 | 0 | 1212 | 5210 | 5010 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 409B | 63 | 60 | 61 | 11/16 | 55 | 123 | 123 | 7/16X16 | 1/4 | 0 | 5010 | 5210 | 1212 |
| 418B | 63 | 60 | 61 | 11/16 | 42 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 427B | 63 | 60 | 61 | 11/16 | 42 | 122 | 121 | 5/16X 9 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 433B | 63 | 60 | 61 | 11/16 | 42 | 122 | 122 | 5/16X10 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 442B | 63 | 60 | 61 | 11/16 | 36 | 122 | 122 | 5/16X14 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 451B | 63 | 60 | 61 | 11/16 | 50 | 123 | 123 | 7/16X16 | 1/4 | 0 | 1212 | 5210 | 5010 |

4-81-274

**WORTHINGTON, SKILLING, HELLE & JACKSON** — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2008 | 63 | 61 | 210 | 131 | 80 | 80 | 491 | 681 | 531 | 85 | 85 | 0 | 0 | 129 | 85 | 85 | 491 | 491 |
| 4008 | 63 | 61 | 210 | 131 | 85 | 85 | 491 | 681 | 531 | 90 | 90 | 0 | 0 | 129 | 90 | 90 | 491 | 491 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2008 | 63 | 61 | 63 | 11/16 | 60 | 131 | 131 | 9/16X16 | 3/8 | 0 | 1313 | 5010 | 5610 |
| 4008 | 63 | 61 | 63 | 11/16 | 60 | 131 | 131 | 9/16X16 | 3/8 | 0 | 1313 | 5010 | 5610 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2008 | 63 | 61 | 62 | 11/16 | 55 | 131 | 131 | 5/8 X16 | 3/8 | 0 | 1313 | 5010 | 5610 |
| 4008 | 63 | 61 | 62 | 11/16 | 60 | 131 | 131 | 9/16X16 | 3/8 | 0 | 1313 | 5010 | 5610 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
CITY OF THE STATE OF NEW YORK

4-81-275

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 106B | 64 | 61 | 300 | 133 | 60 | 60 | 491 | 492 | 134 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 492 |
| 115B | 64 | 61 | 300 | 137 | 55 | 55 | 492 | 492 | 137 | 55 | 55 | 492 | 492 | 137 | 55 | 55 | 492 | 492 |
| 124B | 64 | 61 | 300 | 137 | 55 | 55 | 492 | 492 | 137 | 55 | 55 | 442 | 492 | 137 | 55 | 55 | 442 | 492 |
| 136B | 64 | 61 | 300 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 |
| 145B | 64 | 61 | 300 | 137 | 55 | 55 | 492 | 492 | 137 | 55 | 55 | 492 | 492 | 137 | 55 | 55 | 492 | 492 |
| 154B | 64 | 61 | 300 | 135 | 55 | 55 | 492 | 492 | 134 | 60 | 60 | 492 | 492 | 133 | 60 | 60 | 491 | 492 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B | 64 | 61 | 64 | 5/8 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1311 | 5110 | 1411 |
| 115B | 64 | 61 | 64 | 5/8 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 124B | 64 | 61 | 64 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 136B | 64 | 61 | 64 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 145B | 64 | 61 | 64 | 5/8 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 154B | 64 | 61 | 64 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B | 64 | 61 | 63 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1311 | 5110 | 1411 |
| 115B | 64 | 61 | 63 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 124B | 64 | 61 | 63 | 11/16 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 136B | 64 | 61 | 63 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 145B | 64 | 61 | 63 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 154B | 64 | 61 | 63 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5110 | 1311 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B | 64 | 61 | 62 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1311 | 5110 | 1411 |
| 115B | 64 | 61 | 62 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 124B | 64 | 61 | 62 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 136B | 64 | 61 | 62 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 145B | 64 | 61 | 62 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 154B | 64 | 61 | 62 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5110 | 1311 |

4-B1-276

**WORTHINGTON, SKILLING, HELLE & JACKSON** — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 206B | 64 | 61 | 300 | 125 | 85 | 85 | 491 | 491 | 125 | 75 | 75 | 441 | 491 | 125 | 75 | 75 | 441 | 491 |
| 215B | 64 | 61 | 300 | 128 | 65 | 65 | 441 | 441 | 129 | 60 | 60 | 441 | 441 | 130 | 60 | 60 | 441 | 441 |
| 224B | 64 | 61 | 300 | 129 | 55 | 55 | 431 | 431 | 129 | 55 | 55 | 431 | 431 | 129 | 55 | 55 | 431 | 431 |
| 236B | 64 | 61 | 300 | 129 | 60 | 60 | 431 | 431 | 129 | 60 | 60 | 431 | 431 | 129 | 60 | 60 | 431 | 431 |
| 245B | 64 | 61 | 300 | 130 | 65 | 65 | 441 | 441 | 129 | 65 | 65 | 441 | 441 | 128 | 70 | 70 | 441 | 441 |
| 254B | 64 | 61 | 300 | 125 | 80 | 80 | 441 | 441 | 125 | 80 | 80 | 441 | 441 | 125 | 85 | 85 | 441 | 441 |

X

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 206B | 64 | 61 | 64 | 5/8 | 60 | 123 | 123 | 7/16X16 | 1/4 | 0 | 5110 | 1212 | 5110 |
| 215B | 64 | 61 | 64 | 5/8 | 42 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 1212 | 5510 | 5110 |
| 224B | 64 | 61 | 64 | 5/8 | 36 | 122 | 122 | 5/16X10 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 236B | 64 | 61 | 64 | 5/8 | 42 | 122 | 122 | 5/16X10 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 245B | 64 | 61 | 64 | 5/8 | 45 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5110 | 5310 | 1212 |
| 254B | 64 | 61 | 64 | 5/8 | 60 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 206B | 64 | 61 | 63 | 11/16 | 55 | 123 | 123 | 7/16X16 | 1/4 | 0 | 5110 | 1212 | 5110 |
| 215B | 64 | 61 | 63 | 11/16 | 45 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 1212 | 5510 | 5110 |
| 224B | 64 | 61 | 63 | 11/16 | 42 | 122 | 122 | 5/16X10 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 236B | 64 | 61 | 63 | 11/16 | 42 | 122 | 122 | 5/16X10 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 245B | 64 | 61 | 63 | 11/16 | 46 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5110 | 5310 | 1212 |
| 254B | 64 | 61 | 63 | 11/16 | 55 | 122 | 123 | 7/16X16 | 1/4 | 0 | 5110 | 1212 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 206B | 64 | 61 | 62 | 11/16 | 55 | 123 | 123 | 7/16X16 | 1/4 | 0 | 5110 | 1212 | 5110 |
| 215B | 64 | 61 | 62 | 11/16 | 45 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 1212 | 5510 | 5110 |
| 224B | 64 | 61 | 62 | 11/16 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 236B | 64 | 61 | 62 | 11/16 | 42 | 122 | 122 | 5/16X10 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 245B | 64 | 61 | 62 | 11/16 | 46 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5110 | 5310 | 1212 |
| 254B | 64 | 61 | 62 | 11/16 | 55 | 122 | 123 | 7/16X16 | 1/4 | 0 | 5110 | 1212 | 5110 |

4-81-277

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

DIVISIONS

| PANEL NUMBER | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 306B 64 | 61 | 300 | 133 | 60 | 60 | 491 | 492 | 134 | 60 | 60 | 492 | 492 | 135 | 55 | 55 | 492 | 492 |
| 315B 64 | 61 | 300 | 137 | 55 | 55 | 492 | 492 | 137 | 55 | 55 | 492 | 492 | 137 | 55 | 55 | 492 | 492 |
| 324B 64 | 61 | 300 | 137 | 50 | 50 | 442 | 492 | 137 | 50 | 50 | 442 | 492 | 137 | 50 | 50 | 442 | 492 |
| 336B 64 | 61 | 300 | 138 | 50 | 50 | 492 | 492 | 138 | 50 | 50 | 492 | 492 | 138 | 50 | 50 | 492 | 492 |
| 345B 64 | 61 | 300 | 137 | 55 | 55 | 492 | 492 | 137 | 55 | 55 | 492 | 492 | 137 | 55 | 55 | 492 | 492 |
| 354B 64 | 61 | 300 | 135 | 60 | 60 | 492 | 492 | 134 | 60 | 60 | 492 | 492 | 133 | 65 | 65 | 491 | 492 |

| PANEL NUMBER | | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 306B 64 | 61 | 64 | 5/8 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1311 | 5110 | 1411 |
| 315B 64 | 61 | 64 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 324B 64 | 61 | 64 | 5/8 | 36 | 123 | 122 | 3/8 X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 336B 64 | 61 | 64 | 5/8 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 345B 64 | 61 | 64 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 354B 64 | 61 | 64 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 306B 64 | 61 | 63 | 11/16 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1311 | 5110 | 1411 |
| 315B 64 | 61 | 63 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 324B 64 | 61 | 63 | 11/16 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 336B 64 | 61 | 63 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 345B 64 | 61 | 63 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 354B 64 | 61 | 63 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5110 | 1311 |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
CITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 306B 64 | 61 | 62 | 11/16 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1311 | 5110 | 1411 |
| 315B 64 | 61 | 62 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 324B 64 | 61 | 62 | 11/16 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 336B 64 | 61 | 62 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 345B 64 | 61 | 62 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 354B 64 | 61 | 62 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5110 | 1311 |

4-81-278

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 406B 64 61 | 300 | 125 | 90 | 90 | 441 | 491 | 125 | 85 | 85 | 441 | 491 | 125 | 85 | 85 | 441 | 491 |
| 415B 64 61 | 300 | 128 | 70 | 70 | 441 | 441 | 129 | 65 | 65 | 441 | 441 | 130 | 65 | 65 | 441 | 441 |
| 424B 64 61 | 300 | 129 | 60 | 60 | 431 | 431 | 129 | 60 | 60 | 431 | 431 | 129 | 60 | 60 | 431 | 431 |
| 436B 64 61 | 300 | 129 | 50 | 50 | 431 | 431 | 129 | 50 | 50 | 431 | 431 | 129 | 50 | 50 | 431 | 431 |
| 445B 64 61 | 300 | 130 | 55 | 55 | 441 | 441 | 129 | 55 | 55 | 441 | 441 | 128 | 60 | 60 | 441 | 441 |
| 454B 64 61 | 300 | 125 | 75 | 75 | 441 | 491 | 125 | 75 | 75 | 441 | 491 | 125 | 80 | 80 | 441 | 491 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 406B 64 61 | 64 | 5/8 | 60 | 123 | 122 | 7/16X16 | 1/4 | 0 | 5110 | 1212 | 5110 |
| 415B 64 61 | 64 | 5/8 | 46 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 1212 | 5510 | 5110 |
| 424B 64 61 | 64 | 5/8 | 42 | 122 | 122 | 5/16X10 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 436B 64 61 | 64 | 5/8 | 36 | 122 | 122 | 5/16X11 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 445B 64 61 | 64 | 5/8 | 42 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5110 | 5310 | 1212 |
| 454B 64 61 | 64 | 5/8 | 55 | 123 | 123 | 7/16X16 | 1/4 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 406B 64 61 | 63 | 11/16 | 55 | 123 | 122 | 7/16X16 | 1/4 | 0 | 5110 | 1212 | 5110 |
| 415B 64 61 | 63 | 11/16 | 46 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 1212 | 5510 | 5110 |
| 424B 64 61 | 63 | 11/16 | 42 | 122 | 122 | 5/16X10 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 436B 64 61 | 63 | 11/16 | 36 | 122 | 122 | 5/16X11 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 445B 64 61 | 63 | 11/16 | 42 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5110 | 5310 | 1212 |
| 454B 64 61 | 63 | 11/16 | 55 | 123 | 123 | 7/16X16 | 1/4 | 0 | 5110 | 1212 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 406B 64 61 | 62 | 11/16 | 60 | 123 | 123 | 7/16X16 | 1/4 | 0 | 5110 | 1212 | 5110 |
| 415B 64 61 | 62 | 11/16 | 50 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 1212 | 5510 | 5110 |
| 424B 64 61 | 62 | 11/16 | 42 | 122 | 122 | 5/16X10 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 436B 64 61 | 62 | 11/16 | 36 | 122 | 122 | 5/16X11 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 445B 64 61 | 62 | 11/16 | 42 | 122 | 122 | 7/16X16 | 1/4 | 0 | 5110 | 5310 | 1212 |
| 454B 64 61 | 62 | 11/16 | 55 | 123 | 123 | 7/16X16 | 1/4 | 0 | 5110 | 1212 | 5110 |

4-B1-279

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 1008 | 64 | 62 | 210 | 128 | 80 | 80 | 491 | 491 | 530 | 80 | 80 | 0 | 0 | 130 | 75 | 75 | 491 | 491 |
| 3008 | 64 | 62 | 210 | 128 | 90 | 90 | 491 | 491 | 530 | 90 | 90 | 0 | 0 | 130 | 80 | 80 | 491 | 491 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4, | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1008 | 64 | 62 | 64 | 5/8 | 55 | 131 | 131 | 11/16X16 | 3/8 | 1/4 | 5410 | 5010 | 1313 |
| 3008 | 64 | 62 | 64 | 5/8 | 60 | 131 | 131 | 11/16X16 | 5/16 | 0 | 5410 | 5010 | 1313 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1008 | 64 | 62 | 63 | 11/16 | 55 | 131 | 131 | 11/16X16 | 3/8 | 1/4 | 5410 | 5010 | 1313 |
| 3008 | 64 | 62 | 63 | 11/16 | 60 | 131 | 131 | 11/16X16 | 5/16 | 0 | 5410 | 5010 | 1313 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

4-B1-280

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

DIVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 1038 | 65 | 62 | 300 | 128 | 75 | 75 | 491 | 491 | 130 | 65 | 65 | 491 | 491 | 132 | 60 | 60 | 491 | 491 |
| 1128 | 65 | 62 | 300 | 136 | 55 | 55 | 492 | 492 | 136 | 55 | 55 | 492 | 492 | 136 | 55 | 55 | 492 | 492 |
| 1218 | 65 | 62 | 300 | 136 | 55 | 55 | 492 | 492 | 136 | 55 | 55 | 492 | 492 | 136 | 55 | 55 | 492 | 492 |
| 1308 | 65 | 62 | 300 | 137 | 55 | 55 | 442 | 442 | 138 | 55 | 55 | 442 | 442 | 138 | 55 | 55 | 442 | 492 |
| 1398 | 65 | 62 | 300 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 | 138 | 55 | 55 | 492 | 492 |
| 1488 | 65 | 62 | 300 | 136 | 55 | 55 | 492 | 492 | 136 | 55 | 55 | 492 | 492 | 136 | 55 | 55 | 492 | 492 |
| 1578 | 65 | 62 | 300 | 132 | 60 | 60 | 491 | 491 | 130 | 65 | 65 | 491 | 491 | 128 | 80 | 80 | 491 | 491 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1038 | 65 | 62 | 65 | 5/8 | 60 | 131 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1311 | 5210 |
| 1128 | 65 | 62 | 65 | 5/8 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1511 | 5210 | 1411 |
| 1218 | 65 | 62 | 65 | 5/8 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 1308 | 65 | 62 | 65 | 5/8 | 42 | 122 | 123 | 3/8 X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 1398 | 65 | 62 | 65 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 1488 | 65 | 62 | 65 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5210 | 1511 |
| 1578 | 65 | 62 | 65 | 5/8 | 60 | 123 | 131 | 9/16X16 | 5/16 | 0 | 5210 | 1311 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 103B | 65 | 62 | 64 | 5/8 | 60 | 131 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1311 | 5210 |
| 112B | 65 | 62 | 64 | 5/8 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1511 | 5210 | 1411 |
| 121B | 65 | 62 | 64 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 130B | 65 | 62 | 64 | 5/8 | 42 | 122 | 123 | 3/8 X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 139B | 65 | 62 | 64 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 148B | 65 | 62 | 64 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5210 | 1511 |
| 157B | 65 | 62 | 64 | 5/8 | 60 | 123 | 131 | 9/16X16 | 5/16 | 0 | 5210 | 1311 | 5110 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1038 | 65 | 62 | 63 | 11/16 | 60 | 131 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1311 | 5210 |
| 1128 | 65 | 62 | 63 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1511 | 5210 | 1411 |
| 1218 | 65 | 62 | 63 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 1308 | 65 | 62 | 63 | 11/16 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 1398 | 65 | 62 | 63 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 1488 | 65 | 62 | 63 | 11/16 | 42 | 123 | 123 | 1/2 X16 | 5/16 | 0 | 1411 | 5210 | 1511 |
| 1578 | 65 | 62 | 63 | 11/16 | 60 | 123 | 131 | 5/8 X16 | 5/16 | 0 | 5210 | 1311 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF THE STATE OF NEW YORK

4-81-281

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

DIVISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 203B 65 62 | 300 | 124 | 100 | 100 | 491 | 491 | 124 | 85 | 85 | 491 | 491 | 125 | 85 | 85 | 491 | 491 |
| 212B 65 62 | 300 | 125 | 75 | 75 | 441 | 441 | 126 | 70 | 70 | 441 | 441 | 127 | 70 | 70 | 441 | 441 |
| 221B 65 62 | 300 | 130 | 55 | 55 | 431 | 441 | 130 | 55 | 55 | 431 | 431 | 129 | 55 | 55 | 431 | 431 |
| 230B 65 62 | 300 | 129 | 55 | 55 | 431 | 431 | 129 | 55 | 55 | 431 | 431 | 129 | 55 | 55 | 431 | 431 |
| 239B 65 62 | 300 | 129 | 60 | 60 | 431 | 431 | 130 | 60 | 60 | 431 | 431 | 130 | 60 | 60 | 431 | 441 |
| 248B 65 62 | 300 | 127 | 75 | 75 | 441 | 441 | 126 | 75 | 75 | 441 | 441 | 125 | 80 | 80 | 441 | 441 |
| 257B 65 62 | 300 | 125 | 85 | 85 | 441 | 441 | 124 | 85 | 85 | 441 | 441 | 124 | 100 | 100 | 491 | 491 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPD FY4 | SPD SCL | SPD SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 203B 65 62 | 65 | 5/8 | 70 | 131 | 123 | 1/2 X16 | 5/16 | 0 | 1013 | 5210 | 5010 |
| 212B 65 62 | 65 | 5/8 | 50 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 221B 65 62 | 65 | 5/8 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 230B 65 62 | 65 | 5/8 | 36 | 121 | 121 | 0 X 0 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 239B 65 62 | 65 | 5/8 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 248B 65 62 | 65 | 5/8 | 55 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 257B 65 62 | 65 | 5/8 | 75 | 122 | 131 | 7/16X16 | 1/4 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPD FY4 | SPD SCL | SPD SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 203B 65 62 | 64 | 5/8 | 75 | 131 | 123 | 1/2 X16 | 5/16 | 0 | 1013 | 5210 | 5010 |
| 212B 65 62 | 64 | 5/8 | 50 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 221B 65 62 | 64 | 5/8 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 230B 65 62 | 64 | 5/8 | 42 | 121 | 121 | 5/16X 8 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 239B 65 62 | 64 | 5/8 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 248B 65 62 | 64 | 5/8 | 55 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 257B 65 62 | 64 | 5/8 | 75 | 122 | 131 | 1/2 X16 | 1/4 | 0 | 5010 | 5210 | 1013 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPD FY4 | SPD SCL | SPD SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 203B 65 62 | 63 | 11/16 | 75 | 131 | 123 | 1/2 X16 | 5/16 | 0 | 1013 | 5210 | 5010 |
| 212B 65 62 | 63 | 11/16 | 50 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 221B 65 62 | 63 | 11/16 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 230B 65 62 | 63 | 11/16 | 42 | 121 | 121 | 5/16X 8 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 239B 65 62 | 63 | 11/16 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 248B 65 62 | 63 | 11/16 | 55 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 257B 65 62 | 63 | 11/16 | 75 | 123 | 131 | 1/2 X16 | 5/16 | 0 | 5010 | 5210 | 1013 |

4-81-282

**WORTHINGTON, SKILLING, HELLE & JACKSON** — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67.

VISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 303B 65 62 | 300 | 128 | 80 | 80 | 491 | 491 | 130 | 65 | 65 | 491 | 491 | 132 | 65 | 65 | 491 | 491 |
| 312B 65 62 | 300 | 136 | 55 | 55 | 492 | 492 | 136 | 55 | 55 | 492 | 492 | 136 | 55 | 55 | 492 | 492 |
| 321B 65 62 | 300 | 136 | 50 | 50 | 442 | 492 | 136 | 50 | 50 | 442 | 492 | 136 | 50 | 50 | 442 | 492 |
| 330B 65 62 | 300 | 137 | 45 | 45 | 442 | 442 | 138 | 45 | 45 | 442 | 442 | 138 | 46 | 46 | 442 | 492 |
| 339B 65 62 | 300 | 138 | 50 | 50 | 492 | 492 | 138 | 50 | 50 | 492 | 492 | 138 | 50 | 50 | 492 | 492 |
| 348B 65 62 | 300 | 136 | 55 | 55 | 492 | 492 | 136 | 55 | 55 | 492 | 492 | 136 | 55 | 55 | 492 | 492 |
| 357B 65 62 | 300 | 132 | 65 | 65 | 491 | 491 | 130 | 70 | 70 | 491 | 491 | 128 | 80 | 80 | 491 | 491 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 303B 65 62 | 65 | 5/8 | 60 | 131 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1311 | 5210 |
| 312B 65 62 | 65 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1511 | 5210 | 1411 |
| 321B 65 62 | 65 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 330B 65 62 | 65 | 5/8 | 36 | 122 | 123 | 5/16X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 339B 65 62 | 65 | 5/8 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 348B 65 62 | 65 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5210 | 1511 |
| 357B 65 62 | 65 | 5/8 | 65 | 123 | 131 | 9/16X16 | 5/16 | 0 | 5210 | 1311 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 303B 65 62 | 64 | 5/8 | 60 | 131 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1311 | 5210 |
| 312B 65 62 | 64 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1511 | 5210 | 1411 |
| 321B 65 62 | 64 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 330B 65 62 | 64 | 5/8 | 36 | 122 | 123 | 3/8 X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 339B 65 62 | 64 | 5/8 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 348B 65 62 | 64 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5210 | 1511 |
| 357B 65 62 | 64 | 5/8 | 65 | 123 | 131 | 9/16X16 | 5/16 | 0 | 5210 | 1311 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 303B 65 62 | 63 | 11/16 | 60 | 131 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1311 | 5210 |
| 312B 65 62 | 63 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1511 | 5210 | 1411 |
| 321B 65 62 | 63 | 11/16 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 330B 65 62 | 63 | 11/16 | 36 | 122 | 123 | 3/8 X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 339B 65 62 | 63 | 11/16 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 348B 65 62 | 63 | 11/16 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5210 | 1511 |
| 357B 65 62 | 63 | 11/16 | 65 | 123 | 131 | 9/16X16 | 5/16 | 0 | 5210 | 1311 | 5110 |

4-81-283

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 403B 65 62 | 300 | 124 | 100 | 100 | 491 | 491 | 124 | 90 | 90 | 441 | 491 | 125 | 90 | 90 | 441 | 491 |
| 412B 65 62 | 300 | 125 | 80 | 80 | 441 | 441 | 126 | 75 | 75 | 441 | 441 | 127 | 75 | 75 | 441 | 441 |
| 421B 65 62 | 300 | 130 | 60 | 60 | 431 | 431 | 130 | 60 | 60 | 431 | 431 | 129 | 60 | 60 | 431 | 431 |
| 430B 65 62 | 300 | 129 | 55 | 55 | 421 | 431 | 129 | 55 | 55 | 421 | 431 | 129 | 55 | 55 | 431 | 431 |
| 439B 65 62 | 300 | 129 | 50 | 50 | 431 | 441 | 130 | 50 | 50 | 431 | 441 | 130 | 50 | 50 | 441 | 441 |
| 448B 65 62 | 300 | 127 | 70 | 70 | 441 | 441 | 126 | 70 | 70 | 441 | 441 | 125 | 75 | 75 | 441 | 441 |
| 457B 65 62 | 300 | 125 | 80 | 80 | 441 | 491 | 124 | 85 | 85 | 441 | 491 | 124 | 90 | 90 | 491 | 491 |

X

| PANEL NUMBER | FLOUR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B 65 62 | 65 | 5/8 | 75 | 131 | 123 | 1/2 X16 | 5/16 | 0 | 1013 | 5210 | 5010 |
| 412B 65 62 | 65 | 5/8 | 55 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 4218 65 62 | 65 | 5/8 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 430B 65 62 | 65 | 5/8 | 36 | 121 | 121 | 5/16X 9 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 439B 65 62 | 65 | 5/8 | 36 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 448B 65 62 | 65 | 5/8 | 50 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 457B 65 62 | 65 | 5/8 | 70 | 123 | 131 | 1/2 X16 | 5/16 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B 65 62 | 64 | 5/8 | 75 | 131 | 123 | 1/2 X16 | 5/16 | 0 | 1013 | 5210 | 5010 |
| 412B 65 62 | 64 | 5/8 | 55 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 4218 65 62 | 64 | 5/8 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 430B 65 62 | 64 | 5/8 | 42 | 121 | 122 | 5/16X 9 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 439B 65 62 | 64 | 5/8 | 36 | 122 | 122 | 5/16X12 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 448B 65 62 | 64 | 5/8 | 50 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 457B 65 62 | 64 | 5/8 | 70 | 123 | 131 | 1/2 X16 | 5/16 | 0 | 5010 | 5210 | 1013 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 94360 CITY OF THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SPANDREL PLATE FY4 | SPANDREL PLATE SCL | SPANDREL PLATE SCR | WELDMENTS NO 5 | WELDMENTS NO 6 | WELDMENTS NO 7 | SEAT DETAIL COL 1 | SEAT DETAIL COL 2 | SEAT DETAIL COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 403B 65 62 | 63 | 11/16 | 80 | 131 | 123 | 1/2 X16 | 5/16 | 0 | 1013 | 5210 | 5010 |
| 412B 65 62 | 63 | 11/16 | 55 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 4218 65 62 | 63 | 11/16 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 430B 65 62 | 63 | 11/16 | 42 | 121 | 122 | 5/16X 9 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 439B 65 62 | 63 | 11/16 | 36 | 122 | 122 | 5/16X12 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 448B 65 62 | 63 | 11/16 | 50 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 457B 65 62 | 63 | 11/16 | 75 | 123 | 131 | 1/2 X16 | 5/16 | 0 | 5010 | 5210 | 1013 |

4-B1-284

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 2008 | 65 | 63 | 210 | 130 | 80 | 80 | 491 | 491 | 530 | 85 | 85 | 0 | 0 | 128 | 85 | 85 | 491 | 491 |
| 4008 | 65 | 63 | 210 | 130 | 85 | 85 | 491 | 491 | 530 | 90 | 90 | 0 | 0 | 128 | 90 | 90 | 491 | 491 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 2008 | 65 | 63 | 65 | 5/8 | 55 | 131 | 131 | 11/16X16 | 3/8 | 1/4 | 1313 | 5010 | 5610 |
| 4008 | 65 | 63 | 65 | 5/8 | 60 | 131 | 131 | 11/16X16 | 5/16 | 0 | 1313 | 5010 | 5610 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 2008 | 65 | 63 | 64 | 5/8 | 60 | 131 | 131 | 11/16X16 | 3/8 | 1/4 | 1313 | 5010 | 5610 |
| 4008 | 65 | 63 | 64 | 5/8 | 60 | 131 | 131 | 11/16X16 | 3/8 | 1/4 | 1313 | 5010 | .5610 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

4-81-285

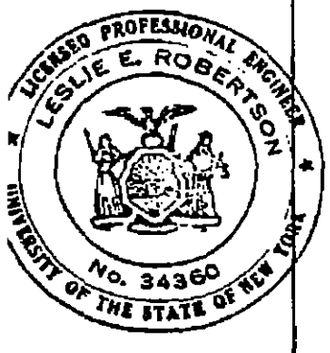
**WORTHINGTON, SKILLING, HELLE & JACKSON** — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

/ISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 109B | 66 | 63 | 300 | 135 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 492 | 136 | 55 | 55 | 492 | 492 |
| 118B | 66 | 63 | 300 | 136 | 55 | 55 | 492 | 492 | 136 | 55 | 55 | 492 | 492 | 136 | 55 | 55 | 492 | 492 |
| 127B | 66 | 63 | 300 | 136 | 55 | 55 | 442 | 492 | 136 | 55 | 55 | 442 | 442 | 136 | 55 | 55 | 442 | 442 |
| 133B | 66 | 63 | 300 | 137 | 55 | 55 | 442 | 492 | 137 | 55 | 55 | 442 | 492 | 137 | 55 | 55 | 492 | 492 |
| 142B | 66 | 63 | 300 | 137 | 55 | 55 | 492 | 492 | 136 | 55 | 55 | 492 | 492 | 136 | 55 | 55 | 492 | 492 |
| 151B | 66 | 63 | 300 | 136 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 492 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | WELD NO 6 | WELD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 109B | 66 | 63 | 66 | 5/8 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 118B | 66 | 63 | 66 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 127B | 66 | 63 | 66 | 5/8 | 42 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5110 | 1411 | 5210 |
| 133B | 66 | 63 | 66 | 5/8 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 1411 | 5110 |
| 142B | 66 | 63 | 66 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 151B | 66 | 63 | 66 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |




| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | WELD NO 6 | WELD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 109B | 66 | 63 | 65 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 118B | 66 | 63 | 65 | 5/8 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 127B | 66 | 63 | 65 | 5/8 | 42 | 123 | 122 | 5/16X16 | 5/16 | 0 | 5110 | 1411 | 5210 |
| 133B | 66 | 63 | 65 | 5/8 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 1411 | 5110 |
| 142B | 66 | 63 | 65 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 151B | 66 | 63 | 65 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | WELD NO 6 | WELD NO 7 | SEAT DETAIL COL 1 | SEAT COL 2 | SEAT COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 109B | 66 | 63 | 64 | 5/8 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 118B | 66 | 63 | 64 | 5/8 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 127B | 66 | 63 | 64 | 5/8 | 42 | 123 | 122 | 3/8 X16 | 5/16 | 0 | 5110 | 1411 | 5210 |
| 133B | 66 | 63 | 64 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5110 |
| 142B | 66 | 63 | 64 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 151B | 66 | 63 | 64 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |

4-81-286

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 209B | 66 | 63 | 300 | 125 | 80 | 80 | 441 | 441 | 125 | 80 | 80 | 441 | 441 | 125 | 75 | 75 | 441 | 441 |
| 218B | 66 | 63 | 300 | 130 | 60 | 60 | 441 | 441 | 130 | 55 | 55 | 431 | 441 | 130 | 55 | 55 | 431 | 441 |
| 227B | 66 | 63 | 300 | 129 | 55 | 55 | 431 | 431 | 129 | 50 | 50 | 431 | 431 | 129 | 50 | 50 | 431 | 431 |
| 233B | 66 | 63 | 300 | 129 | 55 | 55 | 431 | 431 | 129 | 55 | 55 | 431 | 431 | 129 | 55 | 55 | 431 | 431 |
| 242B | 66 | 63 | 300 | 130 | 60 | 60 | 431 | 441 | 130 | 60 | 60 | 431 | 441 | 130 | 60 | 60 | 441 | 441 |
| 251B | 66 | 63 | 300 | 125 | 80 | 80 | 441 | 441 | 125 | 85 | 85 | 441 | 441 | 125 | 85 | 85 | 441 | 441 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 209B | 66 | 63 | 66 | 5/8 | 55 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5010 | 5210 | 1212 |
| 218B | 66 | 63 | 66 | 5/8 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 227B | 66 | 63 | 66 | 5/8 | 36 | 122 | 121 | 5/16X 9 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 233B | 66 | 63 | 66 | 5/8 | 42 | 121 | 122 | 5/16X 9 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 242B | 66 | 63 | 66 | 5/8 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 251B | 66 | 63 | 66 | 5/8 | 60 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 1212 | 5210 | 5010 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 209B | 66 | 63 | 65 | 5/8 | 50 | 123 | 122 | 3/8 X16 | 1/4 | 0 | 5010 | 5210 | 1212 |
| 218B | 66 | 63 | 65 | 5/8 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 227B | 66 | 63 | 65 | 5/8 | 36 | 122 | 121 | 5/16X 9 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 233B | 66 | 63 | 65 | 5/8 | 42 | 121 | 122 | 5/16X 9 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 242B | 66 | 63 | 65 | 5/8 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 251B | 66 | 63 | 65 | 5/8 | 55 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 1212 | 5210 | 5010 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 209B | 66 | 63 | 64 | 5/8 | 50 | 123 | 122 | 7/16X16 | 1/4 | 0 | 5010 | 5210 | 1212 |
| 218B | 66 | 63 | 64 | 5/8 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 227B | 66 | 63 | 64 | 5/8 | 36 | 122 | 121 | 5/16X 9 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 233B | 66 | 63 | 64 | 5/8 | 42 | 121 | 122 | 5/16X 9 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 242B | 66 | 63 | 64 | 5/8 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 251B | 66 | 63 | 64 | 5/8 | 55 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 1212 | 5210 | 5010 |

4-81-287

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 309B | 66 | 63 | 300 | 135 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 492 | 136 | 55 | 55 | 492 | 492 |
| 318B | 66 | 63 | 300 | 136 | 50 | 50 | 442 | 492 | 136 | 50 | 50 | 442 | 492 | 136 | 50 | 50 | 442 | 492 |
| 327B | 66 | 63 | 300 | 136 | 50 | 50 | 442 | 442 | 136 | 45 | 45 | 442 | 442 | 136 | 46 | 46 | 442 | 442 |
| 333B | 66 | 63 | 300 | 137 | 50 | 50 | 442 | 492 | 137 | 50 | 50 | 442 | 492 | 137 | 50 | 50 | 492 | 492 |
| 342B | 66 | 63 | 300 | 137 | 55 | 55 | 492 | 492 | 136 | 55 | 55 | 492 | 492 | 136 | 55 | 55 | 492 | 492 |
| 351B | 66 | 63 | 300 | 136 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 492 | 135 | 60 | 60 | 492 | 492 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 309B | 66 | 63 | 66 | 5/8 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 318B | 66 | 63 | 66 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 327B | 66 | 63 | 66 | 5/8 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5110 | 1411 | 5210 |
| 333B | 66 | 63 | 66 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 1411 | 5110 |
| 342B | 66 | 63 | 66 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 351B | 66 | 63 | 66 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 309B | 66 | 63 | 65 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 318B | 66 | 63 | 65 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 327B | 66 | 63 | 65 | 5/8 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5110 | 1411 | 5210 |
| 333B | 66 | 63 | 65 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 1411 | 5110 |
| 342B | 66 | 63 | 65 | 5/8 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 351B | 66 | 63 | 65 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 309B | 66 | 63 | 64 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 318B | 66 | 63 | 64 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 327B | 66 | 63 | 64 | 5/8 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5110 | 1411 | 5210 |
| 333B | 66 | 63 | 64 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 1411 | 5110 |
| 342B | 66 | 63 | 64 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 351B | 66 | 63 | 64 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

4-B1-288

**WORTHINGTON, SKILLING, HELLE & JACKSON** — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 409B | 66 | 63 | 300 | 125 | 85 | 85 | 441 | 441 | 125 | 85 | 85 | 441 | 441 | 125 | 80 | 80 | 441 | 441 |
| 418B | 66 | 63 | 300 | 130 | 60 | 60 | 441 | 441 | 130 | 60 | 60 | 431 | 441 | 130 | 60 | 60 | 431 | 441 |
| 427B | 66 | 63 | 300 | 129 | 55 | 55 | 431 | 431 | 129 | 55 | 55 | 431 | 431 | 129 | 55 | 55 | 431 | 431 |
| 433B | 66 | 63 | 300 | 129 | 55 | 55 | 431 | 431 | 129 | 50 | 50 | 431 | 431 | 129 | 50 | 50 | 431 | 431 |
| 442B | 66 | 63 | 300 | 130 | 55 | 55 | 441 | 441 | 130 | 55 | 55 | 441 | 441 | 130 | 55 | 55 | 441 | 441 |
| 451B | 66 | 63 | 300 | 125 | 75 | 75 | 441 | 441 | 125 | 80 | 80 | 441 | 441 | 125 | 80 | 80 | 441 | 441 |

X

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 409B | 66 | 63 | 66 | 5/8 | 60 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5010 | 5210 | 1212 |
| 418B | 66 | 63 | 66 | 5/8 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 427B | 66 | 63 | 66 | 5/8 | 42 | 122 | 121 | 5/16X 9 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 433B | 66 | 63 | 66 | 5/8 | 36 | 121 | 122 | 5/16X 9 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 442B | 66 | 63 | 66 | 5/8 | 36 | 122 | 122 | 5/16X12 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 451B | 66 | 63 | 66 | 5/8 | 55 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 1212 | 5210 | 5010 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 409B | 66 | 63 | 65 | 5/8 | 55 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5010 | 5210 | 1212 |
| 418B | 66 | 63 | 65 | 5/8 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 427B | 66 | 63 | 65 | 5/8 | 42 | 122 | 121 | 5/16X 9 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 433B | 66 | 63 | 65 | 5/8 | 36 | 121 | 122 | 5/16X 9 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 442B | 66 | 63 | 65 | 5/8 | 36 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 451B | 66 | 63 | 65 | 5/8 | 50 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 1212 | 5210 | 5010 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 409B | 66 | 63 | 64 | 5/8 | 55 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5010 | 5210 | 1212 |
| 418B | 66 | 63 | 64 | 5/8 | 42 | 122 | 122 | 5/16X12 | 5/16 | 0 | 1611 | 5210 | 1111 |
| 427B | 66 | 63 | 64 | 5/8 | 42 | 122 | 121 | 5/16X 9 | 5/16 | 0 | 5110 | 1111 | 5210 |
| 433B | 66 | 63 | 64 | 5/8 | 36 | 122 | 122 | 5/16X10 | 5/16 | 0 | 5210 | 1111 | 5110 |
| 442B | 66 | 63 | 64 | 5/8 | 36 | 122 | 122 | 5/16X13 | 5/16 | 0 | 1111 | 5210 | 1611 |
| 451B | 66 | 63 | 64 | 5/8 | 50 | 122 | 123 | 3/8 X16 | 1/4 | 0 | 1212 | 5210 | 5010 |

4-81-289

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 100B | 66 | 64 | 210 | 128 | 85 | 85 | 491 | 491 | 529 | 85 | 85 | 0 | 0 | 129 | 80 | 80 | 491 | 491 |
| 300B | 66 | 64 | 210 | 128 | 90 | 90 | 491 | 491 | 529 | 90 | 90 | 0 | 0 | 129 | 80 | 80 | 491 | 491 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 100B | 66 | 64 | 66 | 5/8 | 60 | 131 | 131 | 11/16X16 | 5/16 | 0 | 5410 | 5010 | 1313 |
| 300B | 66 | 64 | 66 | 5/8 | 60 | 131 | 131 | 5/8 X16 | 5/16 | 0 | 5410 | 5010 | 1313 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 100B | 66 | 64 | 65 | 5/8 | 55 | 131 | 131 | 11/16X16 | 5/16 | 0 | 5410 | 5010 | 1313 |
| 300B | 66 | 64 | 65 | 5/8 | 60 | 131 | 131 | 5/8 X16 | 5/16 | 0 | 5410 | 5010 | 1313 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

4-B1-290

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 106B | 67 | 64 | 300 | 132 | 55 | 55 | 491 | 491 | 133 | 55 | 55 | 491 | 492 | 134 | 55 | 55 | 491 | 492 |
| 115B | 67 | 64 | 300 | 135 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 492 |
| 124B | 67 | 64 | 300 | 135 | 55 | 55 | 442 | 492 | 135 | 55 | 55 | 442 | 442 | 135 | 55 | 55 | 442 | 442 |
| 136B | 67 | 64 | 300 | 137 | 55 | 55 | 492 | 492 | 137 | 55 | 55 | 492 | 492 | 137 | 55 | 55 | 492 | 492 |
| 145B | 67 | 64 | 300 | 135 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 492 |
| 154B | 67 | 64 | 300 | 134 | 60 | 60 | 491 | 492 | 133 | 60 | 60 | 491 | 492 | 132 | 60 | 60 | 491 | 491 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B | 67 | 64 | 67 | 5/8 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1311 | 5110 | 1411 |
| 115B | 67 | 64 | 67 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 124B | 67 | 64 | 67 | 5/8 | 36 | 123 | 122 | 5/16X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 136B | 67 | 64 | 67 | 5/8 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 145B | 67 | 64 | 67 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 154B | 67 | 64 | 67 | 5/8 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B | 67 | 64 | 66 | 5/8 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1311 | 5110 | 1411 |
| 115B | 67 | 64 | 66 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 124B | 67 | 64 | 66 | 5/8 | 36 | 123 | 122 | 5/16X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 136B | 67 | 64 | 66 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 145B | 67 | 64 | 66 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 154B | 67 | 64 | 66 | 5/8 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1411 | 5110 | 1311 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 106B | 67 | 64 | 65 | 5/8 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1311 | 5110 | 1411 |
| 115B | 67 | 64 | 65 | 5/8 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 124B | 67 | 64 | 65 | 5/8 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 136B | 67 | 64 | 65 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 145B | 67 | 64 | 65 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 154B | 67 | 64 | 65 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5110 | 1311 |

4-81-291

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 206B 67 64 | 300 | 124 | 80 | 80 | 441 | 491 | 124 | 80 | 80 | 441 | 441 | 124 | 80 | 80 | 441 | 441 |
| 215B 67 64 | 300 | 128 | 65 | 65 | 441 | 441 | 129 | 60 | 60 | 441 | 441 | 129 | 60 | 60 | 441 | 441 |
| 224B 67 64 | 300 | 129 | 55 | 55 | 431 | 431 | 129 | 55 | 55 | 431 | 431 | 129 | 55 | 55 | 431 | 431 |
| 236B 67 64 | 300 | 129 | 60 | 60 | 431 | 431 | 129 | 60 | 60 | 431 | 431 | 129 | 60 | 60 | 431 | 431 |
| 245B 67 64 | 300 | 129 | 60 | 60 | 441 | 441 | 129 | 65 | 65 | 441 | 441 | 128 | 70 | 70 | 441 | 441 |
| 254B 67 64 | 300 | 124 | 85 | 85 | 441 | 441 | 124 | 85 | 85 | 441 | 441 | 124 | 85 | 85 | 441 | 441 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 206B 67 64 | 67 | 5/8 | 55 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5110 | 1212 | 5110 |
| 215B 67 64 | 67 | 5/8 | 45 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 1212 | 5510 | 5110 |
| 224B 67 64 | 67 | 5/8 | 42 | 122 | 121 | 5/16X 9 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 236B 67 64 | 67 | 5/8 | 42 | 121 | 122 | 5/16X 9 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 245B 67 64 | 67 | 5/8 | 45 | 122 | 122 | 5/16X16 | 1/4 | 0 | 5110 | 5310 | 1212 |
| 254B 67 64 | 67 | 5/8 | 55 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 206B 67 64 | 66 | 5/8 | 55 | 123 | 122 | 3/8 X16 | 1/4 | 0 | 5110 | 1212 | 5110 |
| 215B 67 64 | 66 | 5/8 | 45 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 1212 | 5510 | 5110 |
| 224B 67 64 | 66 | 5/8 | 36 | 122 | 122 | 5/16X10 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 236B 67 64 | 66 | 5/8 | 42 | 122 | 122 | 5/16X10 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 245B 67 64 | 66 | 5/8 | 46 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5110 | 5310 | 1212 |
| 254B 67 64 | 66 | 5/8 | 60 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 206B 67 64 | 65 | 5/8 | 55 | 123 | 123 | 7/16X16 | 1/4 | 0 | 5110 | 1212 | 5110 |
| 215B 67 64 | 65 | 5/8 | 42 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 1212 | 5510 | 5110 |
| 224B 67 64 | 65 | 5/8 | 36 | 122 | 122 | 5/16X10 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 236B 67 64 | 65 | 5/8 | 42 | 122 | 122 | 5/16X10 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 245B 67 64 | 65 | 5/8 | 45 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5110 | 5310 | 1212 |
| 254B 67 64 | 65 | 5/8 | 60 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5110 | 1212 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

4-B1-292

**WORTHINGTON, SKILLING, HELLE & JACKSON** — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 306B | 67 | 64 | 300 | 132 | 60 | 60 | 441 | 491 | 133 | 60 | 60 | 441 | 492 | 134 | 55 | 55 | 441 | 492 |
| 315B | 67 | 64 | 300 | 135 | 55 | 55 | 442 | 492 | 135 | 55 | 55 | 442 | 492 | 135 | 55 | 55 | 442 | 492 |
| 324B | 67 | 64 | 300 | 135 | 50 | 50 | 442 | 442 | 135 | 50 | 50 | 442 | 442 | 135 | 50 | 50 | 442 | 442 |
| 336B | 67 | 64 | 300 | 137 | 50 | 50 | 492 | 492 | 137 | 50 | 50 | 492 | 492 | 137 | 50 | 50 | 492 | 492 |
| 345B | 67 | 64 | 300 | 135 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 492 |
| 354B | 67 | 64 | 300 | 134 | 60 | 60 | 491 | 492 | 133 | 60 | 60 | 491 | 492 | 132 | 60 | 60 | 491 | 491 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 306B | 67 | 64 | 67 | 5/8 | 42 | 122 | 123 | 5/16X16 | 5/16 | 0 | 1311 | 5110 | 1411 |
| 315B | 67 | 64 | 67 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 324B | 67 | 64 | 67 | 5/8 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 336B | 67 | 64 | 67 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 345B | 67 | 64 | 67 | 5/8 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 354B | 67 | 64 | 67 | 5/8 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1411 | 5110 | 1311 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 306B | 67 | 64 | 66 | 5/8 | 42 | 123 | 123 | 5/16X16 | 5/16 | 0 | 1311 | 5110 | 1411 |
| 315B | 67 | 64 | 66 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 324B | 67 | 64 | 66 | 5/8 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 336B | 67 | 64 | 66 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 345B | 67 | 64 | 66 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 354B | 67 | 64 | 66 | 5/8 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1411 | 5110 | 1311 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 306B | 67 | 64 | 65 | 5/8 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1311 | 5110 | 1411 |
| 315B | 67 | 64 | 65 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 324B | 67 | 64 | 65 | 5/8 | 36 | 123 | 122 | 5/16X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 336B | 67 | 64 | 65 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1411 | 5110 | 1411 |
| 345B | 67 | 64 | 65 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5110 | 1411 | 5110 |
| 354B | 67 | 64 | 65 | 5/8 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1411 | 5110 | 1311 |

4-B1-293

ISIONS

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4068 67 64 | 300 | 124 | 85 | 85 | 441 | 441 | 124 | 85 | 85 | 441 | 441 | 124 | 85 | 85 | 441 | 441 |
| 4158 67 64 | 300 | 128 | 70 | 70 | 441 | 441 | 129 | 65 | 65 | 441 | 441 | 129 | 65 | 65 | 441 | 441 |
| 4248 67 64 | 300 | 129 | 60 | 60 | 431 | 431 | 129 | 60 | 60 | 431 | 431 | 129 | 60 | 60 | 431 | 431 |
| 4368 67 64 | 300 | 129 | 55 | 55 | 431 | 431 | 129 | 50 | 50 | 431 | 431 | 129 | 55 | 55 | 431 | 431 |
| 4458 67 64 | 300 | 129 | 55 | 55 | 441 | 441 | 129 | 60 | 60 | 441 | 441 | 128 | 65 | 65 | 441 | 441 |
| 4548 67 64 | 300 | 124 | 80 | 80 | 441 | 441 | 124 | 80 | 80 | 441 | 441 | 124 | 80 | 80 | 441 | 441 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4068 67 64 | 67 | 5/8 | 60 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5110 | 1212 | 5110 |
| 4158 67 64 | 67 | 5/8 | 46 | 122 | 122 | 5/16X16 | 1/4 | 0 | 1212 | 5510 | 5110 |
| 4248 67 64 | 67 | 5/8 | 42 | 122 | 121 | 5/16X 9 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 4368 67 64 | 67 | 5/8 | 36 | 122 | 122 | 5/16X10 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 4458 67 64 | 67 | 5/8 | 42 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5110 | 5310 | 1212 |
| 4548 67 64 | 67 | 5/8 | 55 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5110 | 1212 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4068 67 64 | 66 | 5/8 | 60 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5110 | 1212 | 5110 |
| 4158 67 64 | 66 | 5/8 | 50 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 1212 | 5510 | 5110 |
| 4248 67 64 | 66 | 5/8 | 42 | 122 | 122 | 5/16X10 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 4368 67 64 | 66 | 5/8 | 36 | 122 | 122 | 5/16X10 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 4458 67 64 | 66 | 5/8 | 42 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5110 | 5310 | 1212 |
| 4548 67 64 | 66 | 5/8 | 55 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5110 | 1212 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | FY4 | SCL | SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4068 67 64 | 65 | 5/8 | 60 | 123 | 122 | 3/8 X16 | 1/4 | 0 | 5110 | 1212 | 5110 |
| 4158 67 64 | 65 | 5/8 | 45 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 1212 | 5510 | 5110 |
| 4248 67 64 | 65 | 5/8 | 42 | 122 | 122 | 5/16X10 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 4368 67 64 | 65 | 5/8 | 36 | 122 | 122 | 5/16X11 | 5/16 | 0 | 1111 | 5110 | 1111 |
| 4458 67 64 | 65 | 5/8 | 42 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5110 | 5310 | 1212 |
| 4548 67 64 | 65 | 5/8 | 55 | 122 | 123 | 3/8 X16 | 1/4 | 0 | 5110 | 1212 | 5110 |

4-81-294

**WORTHINGTON, SKILLING, HELLE & JACKSON** Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 200B | 67 | 65 | 210 | 129 | 80 | 80 | 491 | 491 | 529 | 85 | 85 | 0 | 0 | 127 | 85 | 85 | 491 | 491 |
| 400B | 67 | 65 | 210 | 129 | 85 | 85 | 491 | 491 | 529 | 90 | 90 | 0 | 0 | 127 | 90 | 90 | 491 | 491 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 200B | 67 | 65 | 67 | 5/8 | 60 | 131 | 131 | 5/8 X16 | 5/16 | 0 | 1313 | 5010 | 5610 |
| 400B | 67 | 65 | 67 | 5/8 | 65 | 131 | 131 | 5/8 X16 | 5/16 | 0 | 1313 | 5010 | 5610 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 200B | 67 | 65 | 66 | 5/8 | 60 | 131 | 131 | 11/16X16 | 5/16 | 0 | 1313 | 5010 | 5610 |
| 400B | 67 | 65 | 66 | 5/8 | 65 | 131 | 131 | 5/8 X16 | 5/16 | 0 | 1313 | 5010 | 5610 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

4-B1-295

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 103B 68 65 | 300 | 127 | 75 | 75 | 491 | 491 | 129 | 65 | 65 | 441 | 491 | 131 | 60 | 60 | 441 | 491 |
| 112B 68 65 | 300 | 135 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 492 |
| 121B 68 65 | 300 | 135 | 55 | 55 | 442 | 492 | 135 | 55 | 55 | 442 | 492 | 135 | 55 | 55 | 442 | 492 |
| 130B 68 65 | 300 | 136 | 55 | 55 | 442 | 442 | 136 | 55 | 55 | 442 | 442 | 136 | 55 | 55 | 442 | 442 |
| 139B 68 65 | 300 | 136 | 55 | 55 | 492 | 492 | 136 | 55 | 55 | 492 | 492 | 136 | 55 | 55 | 492 | 492 |
| 148B 68 65 | 300 | 135 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 492 |
| 157B 68 65 | 300 | 131 | 65 | 65 | 491 | 491 | 129 | 65 | 65 | 491 | 491 | 127 | 80 | 80 | 491 | 491 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 103B 68 65 | 68 | 5/8 | 60 | 131 | 123 | 1/2 X16 | 1/4 | 0 | 5110 | 1311 | 5210 |
| 112B 68 65 | 68 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1511 | 5210 | 1411 |
| 121B 68 65 | 68 | 5/8 | 36 | 123 | 122 | 5/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 130B 68 65 | 68 | 5/8 | 42 | 122 | 122 | 5/16X15 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 139B 68 65 | 68 | 5/8 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 148B 68 65 | 68 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1411 | 5210 | 1511 |
| 157B 68 65 | 68 | 5/8 | 60 | 123 | 131 | 1/2 X16 | 5/16 | 0 | 5210 | 1311 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 103B 68 65 | 67 | 5/8 | 60 | 131 | 123 | 1/2 X16 | 5/16 | 0 | 5110 | 1311 | 5210 |
| 112B 68 65 | 67 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1511 | 5210 | 1411 |
| 121B 68 65 | 67 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 130B 68 65 | 67 | 5/8 | 42 | 122 | 123 | 5/16X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 139B 68 65 | 67 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 148B 68 65 | 67 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5210 | 1511 |
| 157B 68 65 | 67 | 5/8 | 60 | 123 | 131 | 9/16X16 | 5/16 | 0 | 5210 | 1311 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 103B 68 65 | 66 | 5/8 | 60 | 131 | 123 | 9/16X16 | 5/16 | 0 | 5110 | 1311 | 5210 |
| 112B 68 65 | 66 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1511 | 5210 | 1411 |
| 121B 68 65 | 66 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 130B 68 65 | 66 | 5/8 | 42 | 122 | 123 | 5/16X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 139B 68 65 | 66 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 148B 68 65 | 66 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5210 | 1511 |
| 157B 68 65 | 66 | 5/8 | 65 | 123 | 131 | 9/16X16 | 5/16 | 0 | 5210 | 1311 | 5110 |

4-B1-296

ISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 203B | 68 | 65 | 300 | 124 | 100 | 100 | 491 | 491 | 124 | 90 | 90 | 441 | 491 | 124 | 85 | 85 | 441 | 491 |
| 212B | 68 | 65 | 300 | 125 | 75 | 75 | 441 | 441 | 125 | 75 | 75 | 441 | 441 | 126 | 70 | 70 | 441 | 441 |
| 221B | 68 | 65 | 300 | 129 | 55 | 55 | 431 | 431 | 129 | 55 | 55 | 431 | 431 | 129 | 55 | 55 | 431 | 431 |
| 230B | 68 | 65 | 300 | 129 | 55 | 55 | 421 | 431 | 129 | 55 | 55 | 421 | 431 | 129 | 55 | 55 | 421 | 431 |
| 239B | 68 | 65 | 300 | 129 | 60 | 60 | 431 | 431 | 129 | 60 | 60 | 431 | 431 | 129 | 60 | 60 | 431 | 431 |
| 248B | 68 | 65 | 300 | 126 | 75 | 75 | 441 | 441 | 125 | 75 | 75 | 441 | 441 | 125 | 80 | 80 | 441 | 441 |
| 257B | 68 | 65 | 300 | 124 | 90 | 90 | 441 | 441 | 124 | 90 | 90 | 441 | 441 | 124 | 100 | 100 | 491 | 491 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 203B | 68 | 65 | 68 | 5/8 | 75 | 131 | 122 | 7/16X16 | 1/4 | 0 | 1013 | 5210 | 5010 |
| 212B | 68 | 65 | 68 | 5/8 | 50 | 122 | 122 | 5/16X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 221B | 68 | 65 | 68 | 5/8 | 36 | 122 | 122 | 5/16X10 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 230B | 68 | 65 | 68 | 5/8 | 42 | 121 | 121 | 0 X 0 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 239B | 68 | 65 | 68 | 5/8 | 42 | 122 | 122 | 5/16X10 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 248B | 68 | 65 | 68 | 5/8 | 55 | 122 | 122 | 5/16X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 257B | 68 | 65 | 68 | 5/8 | 75 | 122 | 131 | 7/16X16 | 1/4 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 203B | 68 | 65 | 67 | 5/8 | 75 | 131 | 122 | 1/2 X16 | 1/4 | 0 | 1013 | 5210 | 5010 |
| 212B | 68 | 65 | 67 | 5/8 | 55 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 221B | 68 | 65 | 67 | 5/8 | 42 | 122 | 122 | 5/16X10 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 230B | 68 | 65 | 67 | 5/8 | 42 | 121 | 121 | 0 X 0 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 239B | 68 | 65 | 67 | 5/8 | 42 | 122 | 122 | 5/16X10 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 248B | 68 | 65 | 67 | 5/8 | 55 | 122 | 122 | 5/16X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 257B | 68 | 65 | 67 | 5/8 | 80 | 122 | 131 | 7/16X16 | 1/4 | 0 | 5010 | 5210 | 1013 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 203B | 68 | 65 | 66 | 5/8 | 70 | 131 | 123 | 1/2 X16 | 5/16 | 0 | 1013 | 5210 | 5010 |
| 212B | 68 | 65 | 66 | 5/8 | 50 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 221B | 68 | 65 | 66 | 5/8 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 230B | 68 | 65 | 66 | 5/8 | 36 | 121 | 121 | 0 X 0 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 239B | 68 | 65 | 66 | 5/8 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 248B | 68 | 65 | 66 | 5/8 | 55 | 122 | 122 | 5/16X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 257B | 68 | 65 | 66 | 5/8 | 75 | 122 | 131 | 7/16X16 | 1/4 | 0 | 5010 | 5210 | 1013 |

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

| PANEL NUMBER | PANEL TYPE | COLUMN 1 TYPE | COL 1 FY1 | COL 1 FY2 | COL 1 CSU | COL 1 CSL | COLUMN 2 TYPE | COL 2 FY1 | COL 2 FY2 | COL 2 CSU | COL 2 CSL | COLUMN 3 TYPE | COL 3 FY1 | COL 3 FY2 | COL 3 CSU | COL 3 CSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 303B 68 65 | 300 | 127 | 80 | 80 | 491 | 491 | 129 | 65 | 65 | 441 | 491 | 131 | 65 | 65 | 441 | 491 |
| 312B 68 65 | 300 | 135 | 55 | 55 | 442 | 492 | 135 | 55 | 55 | 442 | 492 | 135 | 55 | 55 | 442 | 492 |
| 321B 68 65 | 300 | 135 | 50 | 50 | 442 | 442 | 135 | 50 | 50 | 442 | 442 | 135 | 50 | 50 | 442 | 442 |
| 330B 68 65 | 300 | 136 | 46 | 46 | 442 | 442 | 136 | 46 | 46 | 442 | 442 | 136 | 50 | 50 | 442 | 442 |
| 339B 68 65 | 300 | 136 | 55 | 55 | 492 | 492 | 136 | 55 | 55 | 492 | 492 | 136 | 55 | 55 | 492 | 492 |
| 348B 68 65 | 300 | 135 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 492 | 135 | 55 | 55 | 492 | 492 |
| 357B 68 65 | 300 | 131 | 65 | 65 | 441 | 491 | 129 | 70 | 70 | 441 | 491 | 127 | 85 | 85 | 491 | 491 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 303B 68 65 | 68 | 5/8 | 60 | 131 | 122 | 1/2 X16 | 1/4 | 0 | 5110 | 1311 | 5210 |
| 312B 68 65 | 68 | 5/8 | 36 | 122 | 122 | 5/16X16 | 5/16 | 0 | 1511 | 5210 | 1411 |
| 321B 68 65 | 68 | 5/8 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 330B 68 65 | 68 | 5/8 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 339B 68 65 | 68 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 348B 68 65 | 68 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1411 | 5210 | 1511 |
| 357B 68 65 | 68 | 5/8 | 65 | 123 | 131 | 1/2 X16 | 5/16 | 0 | 5210 | 1311 | 5110 |

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 303B 68 65 | 67 | 5/8 | 60 | 131 | 122 | 1/2 X16 | 1/4 | 0 | 5110 | 1311 | 5210 |
| 312B 68 65 | 67 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1511 | 5210 | 1411 |
| 321B 68 65 | 67 | 5/8 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 330B 68 65 | 67 | 5/8 | 36 | 122 | 122 | 5/16X15 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 339B 68 65 | 67 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 348B 68 65 | 67 | 5/8 | 42 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1411 | 5210 | 1511 |
| 357B 68 65 | 67 | 5/8 | 65 | 123 | 131 | 1/2 X16 | 5/16 | 0 | 5210 | 1311 | 5110 |

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

| PANEL NUMBER | FLOOR | SPANDREL PLATE T4 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 303B 68 65 | 66 | 5/8 | 65 | 131 | 123 | 1/2 X16 | 1/4 | 0 | 5110 | 1311 | 5210 |
| 312B 68 65 | 66 | 5/8 | 36 | 123 | 123 | 3/8 X16 | 5/16 | 0 | 1511 | 5210 | 1411 |
| 321B 68 65 | 66 | 5/8 | 36 | 123 | 122 | 5/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 330B 68 65 | 66 | 5/8 | 36 | 122 | 123 | 5/16X16 | 5/16 | 0 | 1411 | 5210 | 1411 |
| 339B 68 65 | 66 | 5/8 | 36 | 123 | 123 | 7/16X16 | 5/16 | 0 | 5210 | 1411 | 5210 |
| 348B 68 65 | 66 | 5/8 | 42 | 123 | 123 | 7/16X16 | 5/16 | 0 | 1411 | 5210 | 1511 |
| 357B 68 65 | 66 | 5/8 | 65 | 123 | 131 | 9/16X16 | 5/16 | 0 | 5210 | 1311 | 5110 |

4-81-298

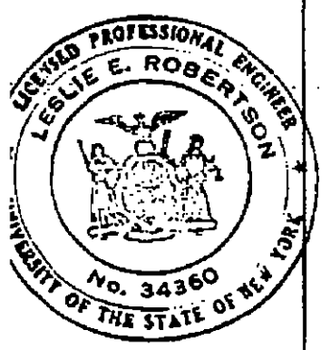
WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

| PANEL NUMBER | | | PANEL TYPE | COLUMN 1 | | | | | COLUMN 2 | | | | | COLUMN 3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL | TYPE | FY1 | FY2 | CSU | CSL |
| 403B | 68 | 65 | 300 | 124 | 100 | 100 | 491 | 491 | 124 | 100 | 100 | 441 | 441 | 124 | 90 | 90 | 441 | 441 |
| 412B | 68 | 65 | 300 | 125 | 85 | 85 | 441 | 441 | 125 | 80 | 80 | 441 | 441 | 126 | 75 | 75 | 441 | 441 |
| 421B | 68 | 65 | 300 | 129 | 60 | 60 | 431 | 431 | 129 | 60 | 60 | 431 | 431 | 129 | 60 | 60 | 431 | 431 |
| 430B | 68 | 65 | 300 | 129 | 55 | 55 | 421 | 421 | 129 | 55 | 55 | 421 | 421 | 129 | 55 | 55 | 431 | 431 |
| 439B | 68 | 65 | 300 | 129 | 50 | 50 | 431 | 431 | 129 | 50 | 50 | 431 | 431 | 129 | 50 | 50 | 431 | 441 |
| 448B | 68 | 65 | 300 | 126 | 70 | 70 | 441 | 441 | 125 | 70 | 70 | 441 | 441 | 125 | 75 | 75 | 441 | 441 |
| 457B | 68 | 65 | 300 | 124 | 85 | 85 | 441 | 441 | 124 | 85 | 85 | 441 | 441 | 124 | 100 | 100 | 491 | 491 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 403B | 68 | 65 | 68 | 5/8 | 80 | 131 | 122 | 7/16X16 | 1/4 | 0 | 1013 | 5210 | 5010 |
| 412B | 68 | 65 | 68 | 5/8 | 55 | 122 | 122 | 5/16X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 421B | 68 | 65 | 68 | 5/8 | 42 | 122 | 122 | 5/16X10 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 430B | 68 | 65 | 68 | 5/8 | 42 | 121 | 121 | 0 X 0 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 439B | 68 | 65 | 68 | 5/8 | 36 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 448B | 68 | 65 | 68 | 5/8 | 50 | 122 | 122 | 5/16X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 457B | 68 | 65 | 68 | 5/8 | 75 | 122 | 131 | 7/16X16 | 1/4 | 0 | 5010 | 5210 | 1013 |




| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 403B | 68 | 65 | 67 | 5/8 | 80 | 131 | 122 | 7/16X16 | 1/4 | 0 | 1013 | 5210 | 5010 |
| 412B | 68 | 65 | 67 | 5/8 | 60 | 122 | 122 | 5/16X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 421B | 68 | 65 | 67 | 5/8 | 42 | 122 | 122 | 5/16X10 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 430B | 68 | 65 | 67 | 5/8 | 42 | 121 | 121 | 5/16X 8 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 439B | 68 | 65 | 67 | 5/8 | 36 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 448B | 68 | 65 | 67 | 5/8 | 55 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 457B | 68 | 65 | 67 | 5/8 | 75 | 122 | 131 | 7/16X16 | 1/4 | 0 | 5010 | 5210 | 1013 |

| PANEL NUMBER | | | FLOOR | SPANDREL PLATE | | | | WELDMENTS | | | SEAT DETAIL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | T4 | FY4 | SCL | SCR | NO 5 | NO 6 | NO 7 | COL 1 | COL 2 | COL 3 |
| 403B | 68 | 65 | 66 | 5/8 | 75 | 131 | 122 | 1/2 X16 | 1/4 | 0 | 1013 | 5210 | 5010 |
| 412B | 68 | 65 | 66 | 5/8 | 55 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 421B | 68 | 65 | 66 | 5/8 | 42 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 430B | 68 | 65 | 66 | 5/8 | 36 | 121 | 121 | 5/16X 8 | 5/16 | 0 | 1111 | 5210 | 1111 |
| 439B | 68 | 65 | 66 | 5/8 | 36 | 122 | 122 | 5/16X11 | 5/16 | 0 | 5210 | 1111 | 5210 |
| 448B | 68 | 65 | 66 | 5/8 | 50 | 122 | 122 | 3/8 X16 | 1/4 | 0 | 5210 | 5010 | 5210 |
| 457B | 68 | 65 | 66 | 5/8 | 70 | 122 | 131 | 1/2 X16 | 1/4 | 0 | 5010 | 5210 | 1013 |

4-81-299