**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 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | SP FY4 | SP SCL | SP 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 | SP FY4 | SP SCL | SP SCR | WELDMENTS NO 5 | NO 6 | NO 7 | SEAT DETAIL COL 1 | COL 2 | COL 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1098 | 45 43 | 44 | 7/8 | 42 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 3411 | 5210 |
| | 1188 | 45 43 | 44 | 7/8 | 42 | 124 | 124 | 11/16X16 | 7/16 | 0 | 3411 | 5210 | 3411 |
| 2 | 1278 | 45 43 | 44 | 7/8 | 42 | 124 | 124 | 5/8 X16 | 3/8 | 0 | 5110 | 7030 | 5210 |
| 2 | 1338 | 45 43 | 44 | 7/8 | 42 | 124 | 124 | 11/16X16 | 7/16 | 0 | 5210 | 7030 | 5110 |
| | 1428 | 45 43 | 44 | 7/8 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 3411 | 5210 | 3411 |
| | 1518 | 45 43 | 44 | 7/8 | 42 | 124 | 124 | 3/4 X16 | 7/16 | 0 | 5210 | 3411 | 5210 |

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — 34960 — THE STATE OF NEW YORK

4-81-181