**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 | 209B | 85 82 | 300 | 120 | 85 | 85 | (424) | 431 | 120 | 85 | 85 | (424) | 431 | 120 | 85 | 85 | (424) | 431 |
| | 218B | 85 82 | 300 | 123 | 65 | 65 | 421 | 431 | 123 | 60 | 60 | 421 | 421 | 123 | 60 | 60 | 421 | 421 |
| 4 | 227B | 85 82 | 300 | 122 | 60 | 60 | (414) | 421 | 122 | 60 | 60 | 411 | 421 | 122 | 60 | 60 | 411 | 421 |
| 4 | 233B | 85 82 | 300 | 122 | 65 | 65 | 411 | 421 | 122 | 65 | 65 | 411 | 421 | 122 | 65 | 65 | (414) | 421 |
| | 242B | 85 82 | 300 | 123 | 65 | 65 | 421 | 421 | 123 | 65 | 65 | 421 | 421 | 123 | 65 | 65 | 421 | 431 |
| 4 | 251B | 85 82 | 300 | 120 | 85 | 85 | (424) | 431 | 120 | 90 | 90 | (424) | 431 | 120 | 90 | 90 | (424) | 431 |

| 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 | 85 82 | 85 | 3/8 | 60 | 103 | 103 | 1/4 X10 | 1/4 | 0 | 5010 | 5210 | 1212 |
| 218B | 85 82 | 85 | 3/8 | 42 | 102 | 102 | 1/4 X 8 | 1/4 | 0 | 1611 | 5210 | 1111 |
| 227B | 85 82 | 85 | 3/8 | 42 | 102 | 101 | 0 X 0 | 1/4 | 0 | 5110 | 1111 | 5210 |
| 233B | 85 82 | 85 | 3/8 | 42 | 101 | 102 | 0 X 0 | 1/4 | 0 | 5210 | 1111 | 5110 |
| 242B | 85 82 | 85 | 3/8 | 42 | 102 | 102 | 1/4 X 8 | 1/4 | 0 | 1111 | 5210 | 1611 |
| 251B | 85 82 | 85 | 3/8 | 60 | 102 | 102 | 1/4 X 9 | 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 | 85 82 | 84 | 3/8 | 60 | 103 | 103 | 1/4 X10 | 1/4 | 0 | 5010 | 5210 | 1212 |
| 218B | 85 82 | 84 | 3/8 | 42 | 102 | 102 | 1/4 X 8 | 1/4 | 0 | 1611 | 5210 | 1111 |
| 227B | 85 82 | 84 | 3/8 | 42 | 102 | 102 | 1/4 X 7 | 1/4 | 0 | 5110 | 1111 | 5210 |
| 233B | 85 82 | 84 | 3/8 | 42 | 101 | 102 | 0 X 0 | 1/4 | 0 | 5210 | 1111 | 5110 |
| 242B | 85 82 | 84 | 3/8 | 45 | 102 | 102 | 1/4 X 8 | 1/4 | 0 | 1111 | 5210 | 1611 |
| 251B | 85 82 | 84 | 3/8 | 60 | 102 | 103 | 1/4 X 9 | 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 | 85 82 | 83 | 7/16 | 60 | 103 | 103 | 1/4 X11 | 1/4 | 0 | 5010 | 5210 | 1212 |
| 2 | 218B | 85 82 | 83 | 7/16 | 42 | 102 | 102 | 1/4 X 9 | 1/4 | 0 | 4510 | 5210 | 4120 |
| | 227B | 85 82 | 83 | 7/16 | 42 | 102 | 102 | 1/4 X 7 | 1/4 | 0 | 5110 | 1111 | 5210 |
| | 233B | 85 82 | 83 | 7/16 | 45 | 102 | 102 | 1/4 X 7 | 1/4 | 0 | 5210 | 1111 | 5110 |
| | 242B | 85 82 | 83 | 7/16 | 45 | 102 | 102 | 1/4 X 9 | 1/4 | 0 | 1111 | 5210 | 1611 |
| | 251B | 85 82 | 83 | 7/16 | 60 | 103 | 103 | 1/4 X10 | 1/4 | 0 | 1212 | 5210 | 5010 |

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

4-81-386