DOCUMENT DATA FORM

Your Name: FS

Document Title or Description (max. 254 characters): Circle: Same as cover (or fill in below)

Index to drawing book 2

Include work order no. and floor no. if applicable

| Roll # (e.g., CORR-4): DB06 | Doc. ID (report #, dwg. #): | |
|---|---|---|
| Document Date: | Document Author Name: | Author Organization: |

KEYWORDS – HIGHLIGHT ALL THAT APPLY

**Level 1**

| | | |
|---|---|---|
| Bankers Trust | Project 6 | WTC 4 - South Plaza Bldg. |
| Concourse | Project 7 | WTC 5 - North Plaza Bldg. |
| Electrical Substation | Project 8 | WTC 6 - Customs House |
| Liberty Plaza | WFC 1 - Oppenhiemer Dow | WTC 7 |
| PATH Station | WFC 2 - Tower B | WTC Complex |
| Project 1 | WFC 3 - American Express | WTC Plaza |
| Project 2 | WFC 4 - Tower D | |
| Project 3 | WTC 1 - North Tower | Add |
| Project 4 | WTC 2 - South Tower | |
| Project 5 | WTC 3 - Marriot Hotel | |

**Level 2**

| | | | |
|---|---|---|---|
| Accident analysis & risk | Fire protection | Police | Add |
| Architectural | Fire service | Security | |
| Data request | Management | Structural | |
| Emergency management | Mech./elec. | Tenant alterations | |
| Evacuation | News coverage | | |

**Level 3**

| | | | |
|---|---|---|---|
| 1993 explosion | Deflection | Human comfort | Smoke control |
| A/E fitout | Demolition | HVAC | Smoke test |
| A-242 | Design | Index | Spandrel beam |
| A-36 | Detailing | Inspection | Specifications Splices |
| A-497 | Doors | Insulation | Sprinkler |
| Air cooled condensers | Drawings | Job number | Stability |
| Analysis | Eastern States Steel | Joist | Stairways |
| Angles | Egress | L-50 | Standards |
| Antenna | Elevator | Lighting | Steel |
| Artifacts | Emergency communications | Loads | Steel composition |
| Asbestos | Equipment | Maintenance | Stiffness |
| Beams | Erection marks | Marking | Structural review |
| Bow tie | Escalator | Mesh reinforcement | Survivor |
| Bracing | Expansion joint | Mill inspection | Tenant list |
| Bridging truss | Exterior columns | Model | Testing |
| Calculations | Fabrication | Mullion | Tie |
| Carpet | Family member | Operations | Tolerances |
| Ceilings | Field survey | Paint | Triad |
| Certification | Fire alarms | Partition layout | Truss |
| Chillers | Fireproofing | Photos | Vestibule |
| Cladding | Fire spread | Pipes | Vibration |
| Collapse | Flammability | Plumbing | Walls |
| Columns | Floor | Probability, uncertainty | Water supply |
| Communication systems | Floor load | Quality control | Weather |
| Composite truss | Floor slab | Reinforcing (strengthening) | Weight |
| Computer output | Floor system | Renovation | Weld detail |
| Computer program | Floor trusses | Repair | Weld size |
| Concrete | Foundations | Research & Development | Welding |
| Connections | Fracture | Roof | Wind |
| Construction | Frame | Safety | Windows |
| Contract | Frame analysis | Schedule | Yield strength |
| Core beams | Frequency | Sculpture | |
| Core columns | Fuel | Security system | Add |
| Cranes | Furniture layout | Shear knuckle | |
| Criteria | H Generators | Shear test | |
| Dampers | Guidelines | Shop drawings | |
| Debris | Gypsum board | Shortening | |
| Deck | Hat truss | Slurry wall | |

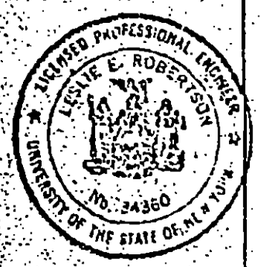
WTCI-722-LERA

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

| PROJECT | TITLE | DATE |
|---|---|---|
| THE WORLD TRADE CENTER | DRAWING BOOK 2 - EXTERIOR WALL TREE | 11/26/71 |

REVISIONS

| | | | | | | | |
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| 2-AB0- 0 | 11/26/71 | 2-A1- 13 | 12-18-67 | 2-B1- 13 | 8/20/68 | 2-AB2- 36 | 10/16/68 |
| 2-A1- 1 | 5/ 1/69 | 2-B1- 1 | 5/ 1/69 | 2-AB2- 1 | 5/ 1/69 | SA-125 | 4- 7-67 |
| 2-A1- 2 | 12-18-67 | 2-B1- 2 | 8/20/68 | 2-AB2- 2 | 4- 7-67 | SA-126 | 5- 8-67 |
| 2-A1- 3 | 7-28-67 | 2-B1- 3 | 7-28-67 | 2-AB2- 3 | 4- 7-67 | SA-127 | 4- 7-67 |
| 2-A1- 4 | 12-18-67 | 2-B1- 4 | 8/20/68 | 2-AB2- 4 | 7-28-67 | SA- 128 | 5/ 8/71 |
| 2-A1- 5 | 12-18-67 | 2-B1- 5 | 8/20/68 | 2-AB2- 5 | 7-28-67 | SB-125 | 2/15/68 |
| 2-A1- 6 | 12-18-67 | 2-B1- 6 | 12-18-67 | 2-AB2- 6 | 7-17-67 | SB-126 | 2/15/68 |
| 2-A1- 7 | 12-18-67 | 2-B1- 7 | 8/20/68 | 2-AB2- 7 | 4- 7-67 | SB-127 | 2/15/68 |
| 2-A1- 8 | 12-18-67 | 2-B1- 8 | 8/20/68 | 2-AB2- 8 | 4- 7-67 | SB-128 | 2/15/68 |
| 2-A1- 9 | 7-28-67 | 2-B1- 9 | 7-28-67 | 2-AB2- 9 | 4- 7-67 | | |
| 2-A1- 10 | 12-18-67 | 2-B1- 10 | 8/20/68 | 2-AB2- 10 | 4- 7-67 | | |
| 2-A1- 11 | 12-18-67 | 2-B1- 11 | 8/20/68 | 2-AB2- 11 | 4- 7-67 | | |
| 2-A1- 12 | 12-18-67 | 2-B1- 12 | 12-18-67 | 2-AB2- 12 | 12-18-67 | | |
| | | | | 2-AB2- 13 | 4- 7-67 | | |
| | | | | 2-AB2- 14 | 4- 7-67 | | |
| | | | | 2-AB2- 15 | 12-18-67 | | |
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| | | | | 2-AB2- 17 | 7-25-67 | | |
| | | | | 2-AB2- 18 | 12-18-67 | | |
| | | | | 2-AB2- 19 | 7-25-67 | | |
| | | | | 2-AB2- 20 | 7-25-67 | | |
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| | | | | 2-AB2- 22 | 8/20/68 | | |
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| | | | | 2-AB2- 24 | 12-18-67 | | |
| | | | | 2-AB2- 25 | 12-18-67 | | |
| | | | | 2-AB2- 28 | 7-28-67 | | |
| | | | | 2-AB2- 29 | 4- 7-67 | | |
| | | | | 2-AB2- 30 | 4- 7-67 | | |
| | | | | 2-AB2- 31 | 12-18-67 | | |
| | | | | 2-AB2- 32 | 12-18-67 | | |
| | | | | 2-AB2- 33 | 12-18-67 | | |
| | | | | 2-AB2- 34 | 8/20/68 | | |
| | | | | 2-AB2- 35 | 8/20/68 | | |




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

| PROJECT | TITLE | DATE |
|---|---|---|
| THE WORLD TRADE CENTER | DRAWING BOOK 2 - EXTERIOR WALL TREE | 10/ 1/69 |

REVISIONS

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 2-A1 - 1 | 5/ 1/69 | 2-B1 - 1 | 5/ 1/69 | 2-AB2- 1 | 5/ 1/69 | SA-125 | 4- 7-67 |
| 2-A1- 2 | 12-18-67 | 2-B1- 2 | 8/20/68 | 2-AB2- 2 | 4- 7-67 | SA-126 | 5- 8-67 |
| 2-A1- 3 | 7-28-67 | 2-B1- 3 | 7-28-67 | 2-AB2- 3 | 4- 7-67 | SA-127 | 4- 7-67 |
| 2-A1- 4 | 12-18-67 | 2-B1- 4 | 8/20/68 | 2-AB2- 4 | 7-28-67 | SA-128 | 2/15/68 |
| 2-A1- 5 | 12-18-67 | 2-B1- 5 | 8/20/65 | 2-AB2- 5 | 7-28-67 | SB-125 | 2/15/68 |
| 2-A1- 6 | 12-18-67 | 2-B1- 6 | 12-18-67 | 2-AB2- 6 | 7-17-67 | SB-126 | 2/15/68 |
| 2-A1- 7 | 12-18-67 | 2-B1- 7 | 8/20/68 | 2-AB2- 7 | 4- 7-67 | SB-127 | 2/15/68 |
| 2-A1- 8 | 12-18-67 | 2-B1- 8 | 8/20/68 | 2-AB2- 8 | 4- 7-67 | SB-128 | 2/15/68 |
| 2-A1- 9 | 7-28-67 | 2-B1- 9 | 7-28-67 | 2-AB2- 9 | 4- 7-67 | | |
| 2-A1- 10 | 12-18-67 | 2-B1- 10 | 8/20/68 | 2-AB2- 10 | 4- 7-67 | | |
| 2-A1- 11 | 12-18-67 | 2-B1- 11 | 8/20/68 | 2-AB2- 11 | 4- 7-67 | | |
| 2-A1- 12 | 12-18-67 | 2-B1- 12 | 12-18-67 | 2-AB2- 12 | 12-18-67 | | |
| 2-A1- 13 | 12-18-67 | 2-B1- 13 | 8/20/68 | 2-AB2- 13 | 4- 7-67 | | |
| | | | | 2-AB2- 14 | 4- 7-67 | | |
| | | | | 2-AB2- 15 | 12-18-67 | | |
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| | | | | 2-AB2- 18 | 12-18-67 | | |
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| | | | | 2-AB2- 23 | 1- 2-68 | | |
| | | | | 2-AB2- 24 | 12-18-67 | | |
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| | | | | 2-AB2- 34 | 8/20/68 | | |
| | | | | 2-AB2- 35 | 8/20/68 | | |
| | | | | 2-AB2- 36 | 10/16/68 | | |

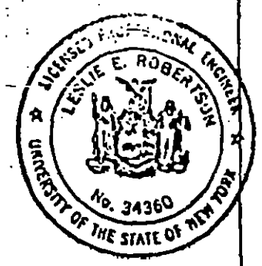
LICENSED PROFESSIONAL ENGINEER
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**SKILLING, HELLE, CHRISTIANSEN, ROBERTSON** — Structural & Civil Engineers — Printed

PROJECT: THE WORLD TRADE CENTER | TITLE: DRAWING BOOK 2 - EXTERIOR WALL TREE | DATE: 9/ 2/69

REVISIONS

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| 2-A1- 4 | 12-18-67 | 2-B1- 4 | 8/20/68 | 2-AB2- 4 | 7-28-67 | SA-128 | 2/15/68 |
| 2-A1- 5 | 12-18-67 | 2-B1- 5 | 8/20/68 | 2-AB2- 5 | 7-28-67 | SB-125 | 2/15/68 |
| 2-A1- 6 | 12-18-67 | 2-B1- 6 | 12-18-67 | 2-AB2- 6 | 7-17-67 | SB-126 | 2/15/68 |
| 2-A1- 7 | 12-18-67 | 2-B1- 7 | 8/20/68 | 2-AB2- 7 | 4- 7-67 | SB-127 | 2/15/68 |
| 2-A1- 8 | 12-18-67 | 2-B1- 8 | 8/20/68 | 2-AB2- 8 | 4- 7-67 | SB-128 | 2/15/68 |
| 2-A1- 9 | 7-28-67 | 2-B1- 9 | 7-28-67 | 2-AB2- 9 | 4- 7-67 | | |
| 2-A1- 10 | 12-18-67 | 2-B1- 10 | 8/20/68 | 2-AB2- 10 | 4- 7-67 | | |
| 2-A1- 11 | 12-18-67 | 2-B1- 11 | 8/20/68 | 2-AB2- 11 | 4- 7-67 | | |
| 2-A1- 12 | 12-18-67 | 2-B1- 12 | 12-18-67 | 2-AB2- 12 | 12-18-67 | | |
| 2-A1- 13 | 12-18-67 | 2-B1- 13 | 8/20/68 | 2-AB2- 13 | 4- 7-67 | | |
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SKILLING-HELLE-CHRISTIANSEN-ROBERTSON — Civil & Structural Engineers

| PROJECT | TITLE | DATE |
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| THE WORLD TRADE CENTER | DRAWING BOOK 2 - EXTERIOR WALL TREE | 7/ 1/69 |

REVISIONS

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| 2-A1- 3 | 7-28-67 | 2-B1- 3 | 7-28-67 | 2-AB2- 3 | 4- 7-67 | SA-127 | 4- 7-67 |
| 2-A1- 4 | 12-18-67 | 2-B1- 4 | 8/20/68 | 2-AB2- 4 | 7-28-67 | SA-128 | 2/15/68 |
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| 2-A1- 6 | 12-18-67 | 2-B1- 6 | 12-18-67 | 2-AB2- 6 | 7-17-67 | SB-126 | 2/15/68 |
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| 2-A1- 10 | 12-18-67 | 2-B1- 10 | 8/20/68 | 2-AB2- 10 | 4- 7-67 | | |
| 2-A1- 11 | 12-18-67 | 2-B1- 11 | 8/20/68 | 2-AB2- 11 | 4- 7-67 | | |
| 2-A1- 12 | 12-18-67 | 2-B1- 12 | 12-18-67 | 2-AB2- 12 | 12-18-67 | | |
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| | | | | 2-AB2- 34 | 8/20/68 | | |
| | | | | 2-AB2- 35 | 8/20/68 | | |
| | | | | 2-AB2- 36 | 10/16/68 | | |

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
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**SKILLING, HELLE, CHRISTIANSEN, ROBERTSON** — Structural & Civil Engineers

| PROJECT | TITLE | DATE |
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| THE WORLD TRADE CENTER | DRAWING BOOK 2 - EXTERIOR WALL TREE | 4/ 1/69 |

REVISIONS

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| 2-A1 - 1 | 4/ 1/69 | 2-B1 - 1 | 4/ 1/69 | 2-AB2- 1 | 4/ 1/69 | SA-125 | 4- 7-67 | | |
| 2-A1- 2 | 12-18-67 | 2-B1- 2 | 8/20/68 | 2-AB2- 2 | 4- 7-67 | SA-126 | 5- 8-67 | | |
| 2-A1- 3 | 7-28-67 | 2-B1- 3 | 7-28-67 | 2-AB2- 3 | 4- 7-67 | SA-127 | 4- 7-67 | | |
| 2-A1- 4 | 12-18-67 | 2-B1- 4 | 8/20/68 | 2-AB2- 4 | 7-28-67 | SA-128 | 2/15/68 | | |
| 2-A1- 5 | 12-18-67 | 2-B1- 5 | 8/20/68 | 2-AB2- 5 | 7-28-67 | SB-125 | 2/15/68 | | |
| 2-A1- 6 | 12-18-67 | 2-B1- 6 | 12-18-67 | 2-AB2- 6 | 7-17-67 | SB-126 | 2/15/68 | | |
| 2-A1- 7 | 12-18-67 | 2-B1- 7 | 8/20/68 | 2-AB2- 7 | 4- 7-67 | SB-127 | 2/15/68 | | |
| 2-A1- 8 | 12-18-67 | 2-B1- 8 | 8/20/68 | 2-AB2- 8 | 4- 7-67 | SB-128 | 2/15/68 | | |
| 2-A1- 9 | 7-28-67 | 2-B1- 9 | 7-28-67 | 2-AB2- 9 | 4- 7-67 | | | | |
| 2-A1- 10 | 12-18-67 | 2-B1- 10 | 8/20/68 | 2-AB2- 10 | 4- 7-67 | | | | |
| 2-A1- 11 | 12-18-67 | 2-B1- 11 | 8/20/68 | 2-AB2- 11 | 4- 7-67 | | | | |
| 2-A1- 12 | 12-18-67 | 2-B1- 12 | 12-18-67 | 2-AB2- 12 | 12-18-67 | | | | |
| 2-A1- 13 | 12-18-67 | 2-B1- 13 | 8/20/68 | 2-AB2- 13 | 4- 7-67 | | | | |
| | | | | 2-AB2- 14 | 4- 7-67 | | | | |
| | | | | 2-AB2- 15 | 12-18-67 | | | | |
| | | | | 2-AB2- 16 | 4- 7-67 | | | | |
| | | | | 2-AB2- 17 | 7-25-67 | | | | |
| | | | | 2-AB2- 18 | 12-18-67 | | | | |
| | | | | 2-AB2- 19 | 7-25-67 | | | | |
| | | | | 2-AB2- 20 | 7-25-67 | | | | |
| | | | | 2-AB2- 21 | 7-25-67 | | | | |
| | | | | 2-AB2- 22 | 8/20/68 | | | | |
| | | | | 2-AB2- 23 | 1- 2-68 | | | | |
| | | | | 2-AB2- 24 | 12-18-67 | | | | |
| | | | | 2-AB2- 25 | 12-18-67 | | | | |
| | | | | 2-AB2- 28 | 7-28-67 | | | | |
| | | | | 2-AB2- 29 | 4- 7-67 | | | | |
| | | | | 2-AB2- 30 | 4- 7-67 | | | | |
| | | | | 2-AB2- 31 | 12-18-67 | | | | |
| | | | | 2-AB2- 32 | 12-18-67 | | | | |
| | | | | 2-AB2- 33 | 12-18-67 | | | | |
| | | | | 2-AB2- 34 | 8/20/68 | | | | |
| | | | | 2-AB2- 35 | 8/20/68 | | | | |
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**SKILLING, HELLE, CHRISTIANSEN, ROBERTSON** Structural & Civil Engineers

| PROJECT | TITLE | DATE |
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| THE WORLD TRADE CENTER | DRAWING BOOK 2 - EXTERIOR WALL TREE | 4/ 1/69 |

REVISIONS

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 2-A1 - 1 | 4/ 1/69 | 2-B1 - 1 | 4/ 1/69 | 2-AB2- 1 | 4/ 1/69 | SA-125 | 4- 7-67 |
| 2-A1- 2 | 12-18-67 | 2-B1- 2 | 8/20/68 | 2-AB2- 2 | 4- 7-67 | SA-126 | 5- 8-67 |
| 2-A1- 3 | 7-28-67 | 2-B1- 3 | 7-28-67 | 2-AB2- 3 | 4- 7-67 | SA-127 | 4- 7-67 |
| 2-A1- 4 | 12-18-67 | 2-B1- 4 | 8/20/68 | 2-AB2- 4 | 7-28-67 | SA-128 | 2/15/68 |
| 2-A1- 5 | 12-18-67 | 2-B1- 5 | 8/20/68 | 2-AB2- 5 | 7-28-67 | SB-125 | 2/15/68 |
| 2-A1- 6 | 12-18-67 | 2-B1- 6 | 12-18-67 | 2-AB2- 6 | 7-17-67 | SB-126 | 2/15/68 |
| 2-A1- 7 | 12-18-67 | 2-B1- 7 | 8/20/68 | 2-AB2- 7 | 4- 7-67 | SB-127 | 2/15/68 |
| 2-A1- 8 | 12-18-67 | 2-B1- 8 | 8/20/68 | 2-AB2- 8 | 4- 7-67 | SB-128 | 2/15/68 |
| 2-A1- 9 | 7-28-67 | 2-B1- 9 | 7-28-67 | 2-AB2- 9 | 4- 7-67 | | |
| 2-A1- 10 | 12-18-67 | 2-B1- 10 | 8/20/68 | 2-AB2- 10 | 4- 7-67 | | |
| 2-A1- 11 | 12-18-67 | 2-B1- 11 | 8/20/68 | 2-AB2- 11 | 4- 7-67 | | |
| 2-A1- 12 | 12-18-67 | 2-B1- 12 | 12-18-67 | 2-AB2- 12 | 12-18-67 | | |
| 2-A1- 13 | 12-18-67 | 2-B1- 13 | 8/20/68 | 2-AB2- 13 | 4- 7-67 | | |
| | | | | 2-AB2- 14 | 4- 7-67 | | |
| | | | | 2-AB2- 15 | 12-18-67 | | |
| | | | | 2-AB2- 16 | 4- 7-67 | | |
| | | | | 2-AB2- 17 | 7-25-67 | | |
| | | | | 2-AB2- 18 | 12-18-67 | | |
| | | | | 2-AB2- 19 | 7-25-67 | | |
| | | | | 2-AB2- 20 | 7-25-67 | | |
| | | | | 2-AB2- 21 | 7-25-67 | | |
| | | | | 2-AB2- 22 | 8/20/68 | | |
| | | | | 2-AB2- 23 | 1- 2-68 | | |
| | | | | 2-AB2- 24 | 12-18-67 | | |
| | | | | 2-AB2- 25 | 12-18-67 | | |
| | | | | 2-AB2- 28 | 7-26-67 | | |
| | | | | 2-AB2- 29 | 4- 7-67 | | |
| | | | | 2-AB2- 30 | 4- 7-67 | | |
| | | | | 2-AB2- 31 | 12-18-67 | | |
| | | | | 2-AB2- 32 | 12-18-67 | | |
| | | | | 2-AB2- 33 | 12-18-67 | | |
| | | | | 2-AB2- 34 | 8/20/68 | | |
| | | | | 2-AB2- 35 | 8/20/68 | | |
| | | | | 2-AB2- 36 | 10/16/68 | | |

LICENSED PROFESSIONAL ENGINEER
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UNIVERSITY OF THE STATE OF NEW YORK

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

| PROJECT | TITLE | DATE |
|---|---|---|
| THE WORLD TRADE CENTER | DRAWING BOOK 2 - EXTERIOR WALL TREE | 3/ 3/69 |

REVISIONS

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 2-A1 - 1 | 3/ 3/69 | 2-B1 - 1 | 3/ 3/69 | 2-AB2- 1 | 3/ 3/69 | SA-125 | 4- 7-67 |
| 2-A1- 2 | 12-18-67 | 2-B1- 2 | 8/20/68 | 2-AB2- 2 | 4- 7-67 | SA-126 | 5- 8-67 |
| 2-A1- 3 | 7-28-67 | 2-B1- 3 | 7-28-67 | 2-AB2- 3 | 4- 7-67 | SA-127 | 4- 7-67 |
| 2-A1- 4 | 12-18-67 | 2-B1- 4 | 8/20/68 | 2-AB2- 4 | 7-28-67 | SA-128 | 2/15/68 |
| 2-A1- 5 | 12-18-67 | 2-B1- 5 | 8/20/68 | 2-AB2- 5 | 7-28-67 | SB-125 | 2/15/68 |
| 2-A1- 6 | 12-18-67 | 2-B1- 6 | 12-18-67 | 2-AB2- 6 | 7-17-67 | SB-126 | 2/15/68 |
| 2-A1- 7 | 12-18-67 | 2-B1- 7 | 8/20/68 | 2-AB2- 7 | 4- 7-67 | SB-127 | 2/15/68 |
| 2-A1- 8 | 12-18-67 | 2-B1- 8 | 8/20/68 | 2-AB2- 8 | 4- 7-67 | SB-128 | 2/15/68 |
| 2-A1- 9 | 7-28-67 | 2-B1- 9 | 7-28-67 | 2-AB2- 9 | 4- 7-67 | | |
| 2-A1- 10 | 12-18-67 | 2-B1- 10 | 8/20/68 | 2-AB2- 10 | 4- 7-67 | | |
| 2-A1- 11 | 12-18-67 | 2-B1- 11 | 8/20/68 | 2-AB2- 11 | 4- 7-67 | | |
| 2-A1- 12 | 12-18-67 | 2-B1- 12 | 12-18-67 | 2-AB2- 12 | 12-18-67 | | |
| 2-A1- 13 | 12-18-67 | 2-B1- 13 | 8/20/68 | 2-AB2- 13 | 4- 7-67 | | |
| | | | | 2-AB2- 14 | 4- 7-67 | | |
| | | | | 2-AB2- 15 | 12-18-67 | | |
| | | | | 2-AB2- 16 | 4- 7-67 | | |
| | | | | 2-AB2- 17 | 7-25-67 | | |
| | | | | 2-AB2- 18 | 12-18-67 | | |
| | | | | 2-AB2- 19 | 7-25-67 | | |
| | | | | 2-AB2- 20 | 7-25-67 | | |
| | | | | 2-AB2- 21 | 7-25-67 | | |
| | | | | 2-AB2- 22 | 8/20/68 | | |
| | | | | 2-AB2- 23 | 1- 2-68 | | |
| | | | | 2-AB2- 24 | 12-18-67 | | |
| | | | | 2-AB2- 25 | 12-18-67 | | |
| | | | | 2-AB2- 28 | 7-28-67 | | |
| | | | | 2-AB2- 29 | 4- 7-67 | | |
| | | | | 2-AB2- 30 | 4- 7-67 | | |
| | | | | 2-AB2- 31 | 12-18-67 | | |
| | | | | 2-AB2- 32 | 12-18-67 | | |
| | | | | 2-AB2- 33 | 12-18-67 | | |
| | | | | 2-AB2- 34 | 8/20/68 | | |
| | | | | 2-AB2- 35 | 8/20/68 | | |
| | | | | 2-AB2- 36 | 10/16/68 | | |



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

PROJECT: THE WORLD TRADE CENTER | TITLE: DRAWING BOOK 2 - EXTERIOR WALL TREE | DATE: 2/ 3/69

REVISIONS

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 2-A1 - 1 | 2/ 3/69 | 2-B1 - 1 | 2/ 3/69 | 2-AB2- 1 | 2/ 3/69 | SA-125 | 4- 7-67 |
| 2-A1- 2 | 12-18-67 | 2-B1- 2 | 8/20/68 | 2-AB2- 2 | 4- 7-67 | SA-126 | 5- 8-67 |
| 2-A1- 3 | 7-28-67 | 2-B1- 3 | 7-28-67 | 2-AB2- 3 | 4- 7-67 | SA-127 | 4- 7-67 |
| 2-A1- 4 | 12-18-67 | 2-B1- 4 | 8/20/68 | 2-AB2- 4 | 7-28-67 | SA-128 | 2/15/68 |
| 2-A1- 5 | 12-18-67 | 2-B1- 5 | 8/20/68 | 2-AB2- 5 | 7-28-67 | SB-125 | 2/15/68 |
| 2-A1- 6 | 12-18-67 | 2-B1- 6 | 12-18-67 | 2-AB2- 6 | 7-17-67 | SB-126 | 2/15/68 |
| 2-A1- 7 | 12-18-67 | 2-B1- 7 | 8/20/68 | 2-AB2- 7 | 4- 7-67 | SB-127 | 2/15/68 |
| 2-A1- 8 | 12-18-67 | 2-B1- 8 | 8/20/68 | 2-AB2- 8 | 4- 7-67 | SB-128 | 2/15/68 |
| 2-A1- 9 | 7-28-67 | 2-B1- 9 | 7-28-67 | 2-AB2- 9 | 4- 7-67 | | |
| 2-A1- 10 | 12-18-67 | 2-B1- 10 | 8/20/68 | 2-AB2- 10 | 4- 7-67 | | |
| 2-A1- 11 | 12-18-67 | 2-B1- 11 | 8/20/68 | 2-AB2- 11 | 4- 7-67 | | |
| 2-A1- 12 | 12-18-67 | 2-B1- 12 | 12-18-67 | 2-AB2- 12 | 12-18-67 | | |
| 2-A1- 13 | 12-18-67 | 2-B1- 13 | 8/20/68 | 2-AB2- 13 | 4- 7-67 | | |
| | | | | 2-AB2- 14 | 4- 7-67 | | |
| | | | | 2-AB2- 15 | 12-18-67 | | |
| | | | | 2-AB2- 16 | 4- 7-67 | | |
| | | | | 2-AB2- 17 | 7-25-67 | | |
| | | | | 2-AB2- 18 | 12-18-67 | | |
| | | | | 2-AB2- 19 | 7-25-67 | | |
| | | | | 2-AB2- 20 | 7-25-67 | | |
| | | | | 2-AB2- 21 | 7-25-67 | | |
| | | | | 2-AB2- 22 | 8/20/68 | | |
| | | | | 2-AB2- 23 | 1- 2-68 | | |
| | | | | 2-AB2- 24 | 12-18-67 | | |
| | | | | 2-AB2- 25 | 12-18-67 | | |
| | | | | 2-AB2- 26 | 7-28-67 | | |
| | | | | 2-AB2- 29 | 4- 7-67 | | |
| | | | | 2-AB2- 30 | 4- 7-67 | | |
| | | | | 2-AB2- 31 | 12-18-67 | | |
| | | | | 2-AB2- 32 | 12-18-67 | | |
| | | | | 2-AB2- 33 | 12-18-67 | | |
| | | | | 2-AB2- 34 | 8/20/68 | | |
| | | | | 2-AB2- 35 | 8/20/68 | | |
| | | | | 2-AB2- 36 | 10/16/68 | | |



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

| PROJECT | TITLE | DATE |
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| THE WORLD TRADE CENTER | DRAWING BOOK 2 - EXTERIOR WALL TREE | 1/ 3/69 |

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 2-A1 - 1 | 1/ 3/69 | 2-B1 - 1 | 1/ 3/69 | 2-AB2- 1 | 1/ 3/69 | SA-125 | 4- 7-67 |
| 2-A1- 2 | 12-18-67 | 2-B1- 2 | 8/20/68 | 2-AB2- 2 | 4- 7-67 | SA-126 | 5- 8-67 |
| 2-A1- 3 | 7-28-67 | 2-B1- 3 | 7-28-67 | 2-AB2- 3 | 4- 7-67 | SA-127 | 4- 7-67 |
| 2-A1- 4 | 12-18-67 | 2-B1- 4 | 8/20/68 | 2-AB2- 4 | 7-28-67 | SA-128 | 2/15/68 |
| 2-A1- 5 | 12-18-67 | 2-B1- 5 | 8/20/68 | 2-AB2- 5 | 7-28-67 | SB-125 | 2/15/68 |
| 2-A1- 6 | 12-18-67 | 2-B1- 6 | 12-18-67 | 2-AB2- 6 | 7-17-67 | SB-126 | 2/15/68 |
| 2-A1- 7 | 12-18-67 | 2-B1- 7 | 8/20/68 | 2-AB2- 7 | 4- 7-67 | SB-127 | 2/15/68 |
| 2-A1- 8 | 12-18-67 | 2-B1- 8 | 8/20/68 | 2-AB2- 8 | 4- 7-67 | SB-128 | 2/15/68 |
| 2-A1- 9 | 7-28-67 | 2-B1- 9 | 7-28-67 | 2-AB2- 9 | 4- 7-67 | | |
| 2-A1- 10 | 12-18-67 | 2-B1- 10 | 8/20/68 | 2-AB2- 10 | 4- 7-67 | | |
| 2-A1- 11 | 12-18-67 | 2-B1- 11 | 8/20/68 | 2-AB2- 11 | 4- 7-67 | | |
| 2-A1- 12 | 12-18-67 | 2-B1- 12 | 12-18-67 | 2-AB2- 12 | 12-18-67 | | |
| 2-A1- 13 | 12-18-67 | 2-B1- 13 | 8/20/68 | 2-AB2- 13 | 4- 7-67 | | |
| | | | | 2-AB2- 14 | 4- 7-67 | | |
| | | | | 2-AB2- 15 | 12-18-67 | | |
| | | | | 2-AB2- 16 | 4- 7-67 | | |
| | | | | 2-AB2- 17 | 7-25-67 | | |
| | | | | 2-AB2- 18 | 12-18-67 | | |
| | | | | 2-AB2- 19 | 7-25-67 | | |
| | | | | 2-AB2- 20 | 7-25-67 | | |
| | | | | 2-AB2- 21 | 7-25-67 | | |
| | | | | 2-AB2- 22 | 8/20/68 | | |
| | | | | 2-AB2- 23 | 1- 2-68 | | |
| | | | | 2-AB2- 24 | 12-18-67 | | |
| | | | | 2-AB2- 25 | 12-18-67 | | |
| | | | | 2-AB2- 28 | 7-28-67 | | |
| | | | | 2-AB2- 29 | 4- 7-67 | | |
| | | | | 2-AB2- 30 | 4- 7-67 | | |
| | | | | 2-AB2- 31 | 12-18-67 | | |
| | | | | 2-AB2- 32 | 12-18-67 | | |
| | | | | 2-AB2- 33 | 12-18-67 | | |
| | | | | 2-AB2- 34 | 8/20/68 | | |
| | | | | 2-AB2- 35 | 8/20/68 | | |
| | | | | 2-AB2- 36 | 10/16/68 | | |

LICENSED PROFESSIONAL ENGINEER
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PROJECT: THE WORLD TRADE CENTER | TITLE: DRAWING BOOK 2 - EXTERIOR WALL TREE | DATE: 1-8-68

REVISIONS

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-A1- 1 | 7-25-67 | 2-B1 - 1 | 7-25-67 | 2-AB2- 1 | 4- 7-67 | SA-125 | 4- 7-67 | | | | |
| 2-A1- 2 | 12-18-67 | 2-B1- 2 | 12-18-67 | 2-AB2- 2 | 4- 7-67 | SA-126 | 5- 8-67 | | | | |
| 2-A1- 3 | 7-28-67 | 2-B1- 3 | 7-28-67 | 2-AB2- 3 | 4- 7-67 | SA-127 | 4- 7-67 | | | | |
| 2-A1- 4 | 12-18-67 | 2-B1- 4 | 12-18-67 | 2-AB2- 4 | 7-28-67 | SA-128 | 5- 8-67 | | | | |
| 2-A1- 5 | 12-18-67 | 2-B1- 5 | 12-18-67 | 2-AB2- 5 | 7-28-67 | SB-125 | 5- 8-67 | | | | |
| 2-A1- 6 | 12-18-67 | 2-B1- 6 | 12-18-67 | 2-AB2- 6 | 7-17-67 | SB-126 | 5- 8-67 | | | | |
| 2-A1- 7 | 12-18-67 | 2-B1- 7 | 12-18-67 | 2-AB2- 7 | 4- 7-67 | SB-127 | 5- 8-67 | | | | |
| 2-A1- 8 | 12-18-67 | 2-B1- 8 | 12-18-67 | 2-AB2- 8 | 4- 7-67 | SB-128 | 5- 8-67 | | | | |
| 2-A1- 9 | 7-28-67 | 2-B1- 9 | 7-28-67 | 2-AB2- 9 | 4- 7-67 | | | | | | |
| 2-A1- 10 | 12-18-67 | 2-B1- 10 | 12-18-67 | 2-AB2- 10 | 4- 7-67 | | | | | | |
| 2-A1- 11 | 12-18-67 | 2-B1- 11 | 12-18-67 | 2-AB2- 11 | 4- 7-67 | | | | | | |
| 2-A1- 12 | 12-18-67 | 2-B1- 12 | 12-18-67 | 2-AB2- 12 | 12-18-67 | | | | | | |
| 2-A1- 13 | 12-18-67 | 2-B1- 13 | 12-18-67 | 2-AB2- 13 | 4- 7-67 | | | | | | |
| | | | | 2-AB2- 14 | 4- 7-67 | | | | | | |
| | | | | 2-AB2- 15 | 12-18-67 | | | | | | |
| | | | | 2-AB2- 16 | 4- 7-67 | | | | | | |
| | | | | 2-AB2- 17 | 7-25-67 | | | | | | |
| | | | | 2-AB2- 18 | 12-18-67 | | | | | | |
| | | | | 2-AB2- 19 | 7-25-67 | | | | | | |
| | | | | 2-AB2- 20 | 7-25-67 | | | | | | |
| | | | | 2-AB2- 21 | 7-25-67 | | | | | | |
| | | | | 2-AB2- 22 | 7-25-67 | | | | | | |
| | | | | 2-AB2- 23 | 1- 2-68 | | | | | | |
| | | | | 2-AB2- 24 | 12-18-67 | | | | | | |
| | | | | 2-AB2- 25 | 12-18-67 | | | | | | |
| | | | | 2-AB2- 26 | VOID | | | | | | |
| | | | | 2-AB2- 27 | VOID | | | | | | |
| | | | | 2-AB2- 28 | 7-28-67 | | | | | | |
| | | | | 2-AB2- 29 | 4- 7-67 | | | | | | |
| | | | | 2-AB2- 30 | 4- 7-67 | | | | | | |
| | | | | 2-AB2- 31 | 12-18-67 | | | | | | |
| | | | | 2-AB2- 32 | 12-18-67 | | | | | | |
| | | | | 2-AB2- 33 | 12-18-67 | | | | | | |
| | | | | 2-AB2- 34 | 12-18-67 | | | | | | |
| | | | | 2-AB2- 35 | 12-18-67 | | | | | | |
| | | | | 2-AB2- 36 | 12-18-67 | | | | | | |

LICENSED PROFESSIONAL ENGINEER
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PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL — TREE — SCHEDULE NOTES | DATE: 7-25-67

REVISIONS
1-3-69
2-3-69
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4-1-69
Printed 5-1-69

| | LEVEL B COLUMN 1 | | | | | LEVEL B COLUMN 2 | | | | | LEVEL B COLUMN 3 | | | | | UPPER COL. SPLICE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PNL NO | TYPE | FYB1 | FYB2 | FYB6 | WELD 3 | TYPE | FYB1 | FYB2 | FYB6 | WELD 3 | TYPE | FYB1 | FYB2 | FYB6 | WELD 3 | COL.1 | COL.2 | COL.3 |
| | (1) (2) | (3) | (4) | (3) | (5) | (2) | (3) | (4) | (3) | (5) | (2) | (3) | (4) | (3) | (5) | (6) | (6) | (6) |

| PNL NO | LEVEL C | COL.1 TYPE | FYC1 | FYC2 | LEVEL C | COL.2 TYPE | FYC1 | FYC2 | LEVEL C | COL.3 TYPE | FYC1 | FYC2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | (7) | (3) | (3) | | (7) | (3) | (3) | | (7) | (3) | (3) |

| | LEVEL D COLUMN 1 | | | | | | LEVEL D COLUMN 2 | | | | | LEVEL D COLUMN 3 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PNL NO | TYPE | FYD1 | FYD2 | FYD5 | FYD6 | WELD 2 | TYPE | FYD1 | FYD2 | FYD5 | WELD 2 | TYPE | FYD1 | FYD2 | FYD5 | FYD6 | WELD 2 |
| | (1) (8) | (3) | (3) | (3) | (3) | (9) | (8) | (3) | (3) | (3) | (9) | (8) | (3) | (3) | (3) | (3) | (9) |

| PNL NO | LEVEL E | TYPE | FYE1 | FYE2 | FYE3 | FYE4 | FYE5 | FYE6 | FYE7 | FYE8 | WELD 5 | WELD 6 | WELD 7 | LEVEL E | TYPE | FYF1 | FYF2 | LCS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | (10) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (11) | (11) | (11) | | (12) | (3) | (3) | (13) |

| | SPANDREL LEVEL B | | SEAT DETAILS | | | | | SPANDREL LEVEL D | | | | | | | SEAT DETAILS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PNL NO | TB4 | FYB4 | SCL | SCR | COL.1 | COL.2 | COL.3 | TD4 | FYD4 | TD7 | FYD7 | TD8 | FYD8 | WELD 8 | SCL | SCR | COL.1 | COL.2 | COL.3 |
| | (1) (14) | (3) | (15) | (16) | (17) | (17) | (17) | (18) | (3) | (18) | (3) | (18) | (3) | (19) | (20) | (21) | (17) | (17) | (17) |

(1) PANEL NUMBER - IDENTIFIED BY COLUMN NUMBER FOR CENTER COLUMN OF PANEL AND TOWER DESIGNATION A OR B
(NOTE) PANELS ARE SHOWN FROM INSIDE OF BUILDING LOOKING OUT. FOR PANEL ELEVATION SEE 2-AB2-2
SCHEDULED COLUMN 1 IS THE LEFT COLUMN; COLUMN 2 THE MIDDLE COLUMN AND COLUMN 3 THE RIGHT COLUMN
(2) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-AB2-4 THRU 6
(3) REQUIRED YIELD STRENGTH FOR INDICATED PLATE (KSI)
(4) REQUIRED YIELD STRENGTH FOR PLATE B2 AND B3 (KSI)
(5) WELD SIZE (INCHES) SEE 2-AB2-4 FOR LOCATION
(6) DETAIL NUMBER FOR UPPER COLUMN SPLICE - SEE 2-AB2-25 THRU 27
(7) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-AB2-7
(8) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-AB2-8 THRU 11
(9) WELD SIZE (INCHES) SEE 2-AB2-8 FOR LOCATION
(10) ASSEMBLY TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-AB2-12 THRU 15
(11) WELD SIZE (INCHES) SEE 2-AB2-13 FOR LOCATION
(12) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-AB2-16
(13) DETAIL NUMBER FOR LOWER COLUMN SPLICE - SEE 2-AB2-29 AND 30
(14) THICKNESS OF PLATE B4 (INCHES) SEE 2-AB2-4 FOR DETAILS
(15) DETAIL NUMBER FOR LEFT SPANDREL CONNECTION - SEE 2-AB2-23
(16) DETAIL NUMBER FOR RIGHT SPANDREL CONNECTION - SEE 2-AB2-23
(17) DETAIL NUMBER FOR BEAM AND BRACING SEAT DETAILS - SEE 2-AB2-31 THRU 34

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34260 — UNIVERSITY OF THE STATE OF NEW YORK

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

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL - TREE - SCHEDULE NOTES | DATE: 7-25-67

REVISIONS
1-3-69
2-3-69
3-3-69
4-1-69

| | LEVEL B COLUMN 1 | | | | | LEVEL B COLUMN 2 | | | | | LEVEL B COLUMN 3 | | | | | UPPER COL. SPLICE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PNL NO | TYPE | FY61 | FY62 | FY66 | WELD 3 | TYPE | FY61 | FY62 | FY66 | WELD 3 | TYPE | FY61 | FY62 | FY66 | WELD 3 | COL.1 | COL.2 | COL.3 |
| (1) | (2) | (3) | (4) | (3) | (5) | (2) | (3) | (4) | (3) | (5) | (2) | (3) | (4) | (3) | (5) | (6) | (6) | (6) |

| PNL NO | LEVEL C COL.1 | TYPE | FYC1 | FYC2 | LEVEL C COL.2 | TYPE | FYC1 | FYC2 | LEVEL C COL.3 | TYPE | FYC1 | FYC2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | | (7) | (3) | (3) | | (7) | (3) | (3) | | (7) | (3) | (3) |

| | LEVEL D COLUMN 1 | | | | | | LEVEL D COLUMN 2 | | | | | LEVEL D COLUMN 3 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PNL NO | TYPE | FYD1 | FYD2 | FYD5 | FYD6 | WELD 2 | TYPE | FYD1 | FYD2 | FYD5 | WELD 2 | TYPE | FYD1 | FYD2 | FYD5 | FYD6 | WELD 2 |
| (1) | (8) | (3) | (3) | (3) | (3) | (9) | (8) | (3) | (3) | (3) | (9) | (8) | (3) | (3) | (3) | (3) | (9) |

| PNL NO | LEVEL E | TYPE | FYE1 | FYE2 | FYE3 | FYE4 | FYE5 | FYE6 | FYE7 | FYE8 | WELD 5 | WELD 6 | WELD 7 | LEVEL F | TYPE | FYF1 | FYF2 | LCS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | | (10) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (11) | (11) | (11) | | (12) | (3) | (3) | (13) |

| | SPANDREL LEVEL B SEAT DETAILS | | | | | | | SPANDREL LEVEL D SEAT DETAILS | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PNL NO | TB4 | FYB4 | SCL | SCR | COL.1 | COL.2 | COL.3 | TD4 | FYD4 | TD7 | FYD7 | TD8 | FYD8 | WELD 8 | SCL | SCR | COL.1 | COL.2 | COL.3 |
| (1) | (14) | (3) | (15) | (16) | (17) | (17) | (17) | (18) | (3) | (18) | (3) | (18) | (3) | (19) | (20) | (21) | (17) | (17) | (17) |

(1) PANEL NUMBER - IDENTIFIED BY COLUMN NUMBER FOR CENTER COLUMN OF PANEL AND TOWER DESIGNATION A OR B
(NOTE) PANELS ARE SHOWN FROM INSIDE OF BUILDING LOOKING OUT. FOR PANEL ELEVATION SEE 2-A82-2
SCHEDULED COLUMN 1 IS THE LEFT COLUMN, COLUMN 2 THE MIDDLE COLUMN, AND COLUMN 3 THE RIGHT COLUMN
(2) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-A82-4 THRU 6.
(3) REQUIRED YIELD STRENGTH FOR INDICATED PLATE (KSI)
(4) REQUIRED YIELD STRENGTH FOR PLATE B2 AND B3 (KSI)
(5) WELD SIZE (INCHES) SEE 2-A82-4 FOR LOCATION
(6) DETAIL NUMBER FOR UPPER COLUMN SPLICE - SEE 2-A82-25 THRU 27
(7) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-A82-7
(8) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-A82-8 THRU 11
(9) WELD SIZE (INCHES) SEE 2-A82-8 FOR LOCATION
(10) ASSEMBLY TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-A82-12 THRU 15
(11) WELD SIZE (INCHES) SEE 2-A82-13 FOR LOCATION
(12) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-A82-16
(13) DETAIL NUMBER FOR LOWER COLUMN SPLICE - SEE 2-A82-29 AND 30
(14) THICKNESS OF PLATE b4 (INCHES) SEE 2-A82-4 FOR DETAILS
(15) DETAIL NUMBER FOR LEFT SPANDREL CONNECTION - SEE 2-A82-23
(16) DETAIL NUMBER FOR RIGHT SPANDREL CONNECTION - SEE 2-A82-23
(17) DETAIL NUMBER FOR BEAM AND BRACING SEAT DETAILS - SEE 2-A82-31 THRU 36

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34260 UNIVERSITY OF THE STATE OF NEW YORK

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

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL - TREE - SCHEDULE NOTES | DATE: 7-25-67

REVISIONS
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3-3-69

| | LEVEL B COLUMN 1 | | | | | LEVEL B COLUMN 2 | | | | | LEVEL B COLUMN 3 | | | | | UPPER COL. SPLICE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PNL NO | TYPE | FYB1 | FYB2 | FYB6 | WELD 3 | TYPE | FYB1 | FYB2 | FYB6 | WELD 3 | TYPE | FYB1 | FYB2 | FYB6 | WELD 3 | COL.1 | COL.2 | COL.3 |
| | (1) | (2) | (3) | (4) | (3) | (5) | (2) | (3) | (4) | (3) | (5) | (2) | (3) | (4) | (3) | (5) | (6) | (6) | (6) |

| PNL NO | LEVEL C COL.1 | TYPE | FYC1 | FYC2 | LEVEL C COL.2 | TYPE | FYC1 | FYC2 | LEVEL C COL.3 | TYPE | FYC1 | FYC2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | | (7) | (3) | (3) | | (7) | (3) | (3) | | (7) | (3) | (3) |

| | LEVEL D COLUMN 1 | | | | | | LEVEL D COLUMN 2 | | | | | LEVEL D COLUMN 3 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PNL NO | TYPE | FYD1 | FYD2 | FYD5 | FYD6 | WELD 2 | TYPE | FYD1 | FYD2 | FYD5 | WELD 2 | TYPE | FYD1 | FYD2 | FYD5 | FYD6 | WELD 2 |
| (1) | (8) | (3) | (3) | (3) | (3) | (9) | (8) | (3) | (3) | (3) | (9) | (8) | (3) | (3) | (3) | (3) | (9) |

| PNL NO | LEVEL E | TYPE | FYE1 | FYE2 | FYE3 | FYE4 | FYE5 | FYE6 | FYE7 | FYE8 | WELD 5 | WELD 6 | WELD 7 | LEVEL F | TYPE | FYF1 | FYF2 | LCS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | | (10) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (11) | (11) | (11) | | (12) | (3) | (3) | (13) |

| | SPANDREL LEVEL B SEAT DETAILS | | | | | | | SPANDREL LEVEL D | | | | | | | SEAT DETAILS | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PNL NO | TB4 | FYB4 | SCL | SCR | COL.1 | COL.2 | COL.3 | TD4 | FYD4 | TD7 | FYD7 | TDB | FYD8 | WELD 8 | SCL | SCR | COL.1 | COL.2 | COL.3 |
| (1) | (14) | (3) | (15) | (16) | (17) | (17) | (17) | (18) | (3) | (18) | (3) | (18) | (3) | (19) | (20) | (21) | (17) | (17) | (17) |

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SCHEDULED COLUMN 1 IS THE LEFT COLUMN, COLUMN 2 THE MIDDLE COLUMN AND COLUMN 3 THE RIGHT COLUMN
(2) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-AB2-4 THRU 6
(3) REQUIRED YIELD STRENGTH FOR INDICATED PLATE (KSI)
(4) REQUIRED YIELD STRENGTH FOR PLATE B2 AND B3 (KSI)
(5) WELD SIZE (INCHES) SEE 2-AB2-4 FOR LOCATION
(6) DETAIL NUMBER FOR UPPER COLUMN SPLICE - SEE 2-AB2-25 THRU 27
(7) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-AB2-7
(8) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-AB2-8 THRU 11
(9) WELD SIZE (INCHES) SEE 2-AB2-8 FOR LOCATION
(10) ASSEMBLY TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-AB2-12 THRU 15
(11) WELD SIZE (INCHES) SEE 2-AB2-13 FOR LOCATION
(12) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-AB2-16
(13) DETAIL NUMBER FOR LOWER COLUMN SPLICE - SEE 2-AB2-29 AND 30
(14) THICKNESS OF PLATE B4 (INCHES) SEE 2-AB2-4 FOR DETAILS
(15) DETAIL NUMBER FOR LEFT SPANDREL CONNECTION - SEE 2-AB2-23
(16) DETAIL NUMBER FOR RIGHT SPANDREL CONNECTION - SEE 2-AB2-23
(17) DETAIL NUMBER FOR BEAM AND BRACING SEAT DETAILS - SEE 2-AB2-31 THRU 34

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34260 STATE OF NEW YORK

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

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL - TREE - SCHEDULE NOTES | DATE: 7-25-67

DIVISIONS
1-3-69
2-3-69

| | LEVEL B COLUMN 1 | | | | | LEVEL B COLUMN 2 | | | | | LEVEL B COLUMN 3 | | | | | UPPER COL. SPLICE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PNL NO | TYPE | FY01 | FY02 | FY06 | WELD 3 | TYPE | FY01 | FY02 | FY06 | WELD 3 | TYPE | FY01 | FY02 | FY06 | WELD 3 | COL.1 | COL.2 | COL.3 |
| | (2) | (3) | (4) | (3) | (5) | (2) | (3) | (4) | (3) | (5) | (2) | (3) | (4) | (3) | (5) | (6) | (6) | (6) |

| PNL NO | LEVEL C COL.1 | TYPE | FYC1 | FYC2 | LEVEL C COL.2 | TYPE | FYC1 | FYC2 | LEVEL C COL.3 | TYPE | FYC1 | FYC2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | | (7) | (3) | (3) | | (7) | (3) | (3) | | (7) | (3) | (3) |

| | LEVEL D COLUMN 1 | | | | | | LEVEL D COLUMN 2 | | | | | LEVEL D COLUMN 3 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PNL NO | TYPE | FYD1 | FYD2 | FYD5 | FYD6 | WELD 2 | TYPE | FYD1 | FYD2 | FYD5 | WELD 2 | TYPE | FYD1 | FYD2 | FYD5 | FYD6 | WELD 2 |
| (1) | (8) | (3) | (3) | (3) | (3) | (9) | (8) | (3) | (3) | (3) | (9) | (8) | (3) | (3) | (3) | (3) | (9) |

| PNL NO | LEVEL E | TYPE | FYE1 | FYE2 | FYE3 | FYE4 | FYE5 | FYE6 | FYE7 | FYE8 | WELD 5 | WELD 6 | WELD 7 | LEVEL F | TYPE | FYF1 | FYF2 | LCS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | | (10) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (11) | (11) | (11) | | (12) | (3) | (3) | (13) |

| | SPANDREL LEVEL B | | SEAT DETAILS | | | | SPANDREL LEVEL D | | | | | | | SEAT DETAILS | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PNL NO | TB4 | FYB4 | SCL | SCR | COL.1 | COL.2 | COL.3 | TD4 | FYD4 | TD7 | FYD7 | TDB | FYDB | WELD 8 | SCL | SCR | COL.1 | COL.2 | COL.3 |
| (1) | (14) | (3) | (15) | (16) | (17) | (17) | (17) | (18) | (3) | (18) | (3) | (18) | (3) | (19) | (20) | (21) | (17) | (17) | (17) |

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(2) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-AB2-4 THRU 6
(3) REQUIRED YIELD STRENGTH FOR INDICATED PLATE (KSI)
(4) REQUIRED YIELD STRENGTH FOR PLATE B2 AND B3 (KSI)
(5) WELD SIZE (INCHES) SEE 2-AB2-4 FOR LOCATION
(6) DETAIL NUMBER FOR UPPER COLUMN SPLICE - SEE 2-AB2-25 THRU 27
(7) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-AB2-7
(8) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-AB2-8 THRU 11
(9) WELD SIZE (INCHES) SEE 2-AB2-8 FOR LOCATION
(10) ASSEMBLY TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-AB2-12 THRU 15
(11) WELD SIZE (INCHES) SEE 2-AB2-13 FOR LOCATION
(12) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-AB2-16
(13) DETAIL NUMBER FOR LOWER COLUMN SPLICE - SEE 2-AB2-29 AND 30
(14) THICKNESS OF PLATE B4 (INCHES) SEE 2-AB2-4 FOR DETAILS
(15) DETAIL NUMBER FOR LEFT SPANDREL CONNECTION - SEE 2-AB2-23
(16) DETAIL NUMBER FOR RIGHT SPANDREL CONNECTION - SEE 2-AB2-23
(17) DETAIL NUMBER FOR BEAM AND BRACING SEAT DETAILS - SEE 2-AB2-31 THRU 36

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34260 — STATE OF NEW YORK

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

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL - TREE - SCHEDULE NOTES | DATE: 7-25-67

REVISIONS
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| | LEVEL B COLUMN 1 | | | | | LEVEL B COLUMN 2 | | | | | LEVEL B COLUMN 3 | | | | | UPPER COL. SPLICE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PNL NO | TYPE | FY61 | FY62 | FY66 | WELD 3 | TYPE | FY61 | FY62 | FY66 | WELD 3 | TYPE | FY61 | FY62 | FY66 | WELD 3 | COL.1 | COL.2 | COL.3 |
| (1) | (2) | (3) | (4) | (3) | (5) | (2) | (3) | (4) | (3) | (5) | (2) | (3) | (4) | (3) | (5) | (6) | (6) | (6) |

| PNL NO | LEVEL C COL.1 | TYPE | FYC1 | FYC2 | LEVEL C COL.2 | TYPE | FYC1 | FYC2 | LEVEL C COL.3 | TYPE | FYC1 | FYC2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | | (7) | (3) | (3) | | (7) | (3) | (3) | | (7) | (3) | (3) |

| | LEVEL D COLUMN 1 | | | | | | LEVEL D COLUMN 2 | | | | | LEVEL D COLUMN 3 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PNL NO | TYPE | FYD1 | FYD2 | FYD5 | FYD6 | WELD 2 | TYPE | FYD1 | FYD2 | FYD5 | WELD 2 | TYPE | FYD1 | FYD2 | FYD5 | FYD6 | WELD 2 |
| (1) | (8) | (3) | (3) | (3) | (3) | (9) | (8) | (3) | (3) | (3) | (9) | (8) | (3) | (3) | (3) | (3) | (9) |

| PNL NO | LEVEL E | TYPE | FYE1 | FYE2 | FYE3 | FYE4 | FYE5 | FYE6 | FYE7 | FYE8 | WELD 5 | WELD 6 | WELD 7 | LEVEL F | TYPE | FYF1 | FYF2 | LCS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | | (10) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (11) | (11) | (11) | | (12) | (3) | (3) | (13) |

| | SPANDREL LEVEL B | | | | SEAT DETAILS | | | SPANDREL LEVEL B | | | | | | | | SEAT DETAILS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PNL NO | T84 | FY84 | SCL | SCR | COL.1 | COL.2 | COL.3 | T04 | FY04 | T07 | FY07 | T08 | FY08 | WELD 8 | SCL | SCR | COL.1 | COL.2 | COL.3 |
| (1) | (14) | (3) | (15) | (16) | (17) | (17) | (17) | (18) | (3) | (18) | (3) | (18) | (3) | (19) | (20) | (21) | (17) | (17) | (17) |

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(2) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-A82-4 THRU 6
(3) REQUIRED YIELD STRENGTH FOR INDICATED PLATE (KSI)
(4) REQUIRED YIELD STRENGTH FOR PLATE B2 AND B3 (KSI)
(5) WELD SIZE (INCHES) SEE 2-A82-4 FOR LOCATION
(6) DETAIL NUMBER FOR UPPER COLUMN SPLICE - SEE 2-A82-25 THRU 27
(7) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-A82-7
(8) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-A82-8 THRU 11
(9) WELD SIZE (INCHES) SEE 2-A82-8 FOR LOCATION
(10) ASSEMBLY TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-A82-12 THRU 15
(11) WELD SIZE (INCHES) SEE 2-A82-13 FOR LOCATION
(12) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-A82-16
(13) DETAIL NUMBER FOR LOWER COLUMN SPLICE - SEE 2-A82-29 AND 30
(14) THICKNESS OF PLATE B4 (INCHES) SEE 2-A82-4 FOR DETAILS
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(16) DETAIL NUMBER FOR RIGHT SPANDREL CONNECTION - SEE 2-A82-23

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34260 UNIVERSITY OF THE STATE OF NEW YORK

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

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL - TREE - SCHEDULE NOTES | DATE: 7-25-67

REVISIONS

| | LEVEL B COLUMN 1 | | | | | LEVEL B COLUMN 2 | | | | | LEVEL B COLUMN 3 | | | | | UPPER COL. SPLICE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PNL NO | TYPE | FYB1 | FYB2 | FYB6 | HELD 3 | TYPE | FYB1 | FYB2 | FYB6 | HELD 3 | TYPE | FYB1 | FYB2 | FYB6 | HELD 3 | COL.1 | COL.2 | COL.3 |
| (1) | (2) | (3) | (4) | (3) | (5) | (2) | (3) | (4) | (3) | (5) | (2) | (3) | (4) | (3) | (5) | (6) | (6) | (6) |

| PNL NO | LEVEL C | COL.1 | TYPE | FYC1 | FYC2 | LEVEL C | COL.2 | TYPE | FYC1 | FYC2 | LEVEL C | COL.3 | TYPE | FYC1 | FYC2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | | | (7) | (3) | (3) | | | (7) | (3) | (3) | | | (7) | (3) | (3) |

| | LEVEL D COLUMN 1 | | | | | | LEVEL D COLUMN 2 | | | | | | LEVEL D COLUMN 3 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PNL NO | TYPE | FYD1 | FYD2 | FYD5 | FYD6 | HELD 2 | TYPE | FYD1 | FYD2 | FYD5 | | HELD 2 | TYPE | FYD1 | FYD2 | FYD5 | FYD6 | HELD 2 |
| (1) | (8) | (3) | (3) | (3) | (3) | (9) | (8) | (3) | (3) | (3) | | (9) | (8) | (3) | (3) | (3) | (3) | (9) |

| PNL NO | LEVEL E | TYPE | FYE1 | FYE2 | FYE3 | FYE4 | FYE5 | FYE6 | FYE7 | FYE8 | HELD 5 | HELD 6 | HELD 7 | LEVEL F | TYPE | FYF1 | FYF2 | LCS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | | (10) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (11) | (11) | (11) | | (12) | (3) | (3) | (13) |

| | SPANDREL LEVEL B | | | SEAT DETAILS | | | SPANDREL LEVEL D | | | | | | | | SEAT DETAILS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PNL NO | TB4 | FYB4 | SCL | SCR | COL.1 | COL.2 | COL.3 | TD4 | FYD4 | TD7 | FYD7 | TD8 | FYD8 | HELD 8 | SCL | SCR | COL.1 | COL.2 | COL.3 |
| (1) | (14) | (3) | (15) | (16) | (17) | (17) | (17) | (18) | (3) | (18) | (3) | (18) | (3) | (19) | (20) | (21) | (17) | (17) | (17) |

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(4) REQUIRED YIELD STRENGTH FOR PLATE B2 AND B3 (KSI)
(5) HELD SIZE (INCHES) SEE 2-AB2-4 FOR LOCATION
(6) DETAIL NUMBER FOR UPPER COLUMN SPLICE - SEE 2-AB2-25 THRU 27
(7) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND HELDS - SEE 2-AB2-7
(8) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND HELDS - SEE 2-AB2-8 THRU 11
(9) HELD SIZE (INCHES) SEE 2-AB2-8 FOR LOCATION
(10) ASSEMBLY TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND HELDS - SEE 2-AB2-12 THRU 15
(11) HELD SIZE (INCHES) SEE 2-AB2-13 FOR LOCATION
(12) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND HELDS - SEE 2-AB2-16
(13) DETAIL NUMBER FOR LOWER COLUMN SPLICE - SEE 2-AB2-29 AND 30
(14) THICKNESS OF PLATE B4 (INCHES) SEE 2-AB2-4 FOR DETAILS
(15) DETAIL NUMBER FOR LEFT SPANDREL CONNECTION - SEE 2-AB2-23
(16) DETAIL NUMBER FOR RIGHT SPANDREL CONNECTION - SEE 2-AB2-23

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 3426 — UNIVERSITY OF THE STATE OF NEW YORK

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

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL - TREE - SCHEDULE NOTES | DATE: 7-25-67

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2-3-69
3-3-69
4-1-69
Printed 5-1-69

| | LEVEL B COLUMN 1 | | | | | LEVEL B COLUMN 2 | | | | | LEVEL B COLUMN 3 | | | | | UPPER COL. SPLICE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PNL NO | TYPE | FYB1 | FYB2 | FYB6 | HELD 3 | TYPE | FYB1 | FYB2 | FYB6 | HELD 3 | TYPE | FYB1 | FYB2 | FYB6 | HELD 3 | COL.1 | COL.2 | COL.3 |
| | (1) | (2) | (3) | (4) | (3) (5) | (2) | (3) | (4) | (3) | (5) | (2) | (3) | (4) | (3) | (5) | (6) | (6) | (6) |

| PNL NO | LEVEL C | COL.1 | TYPE | FYC1 | FYC2 | LEVEL C | COL.2 | TYPE | FYC1 | FYC2 | LEVEL C | COL.3 | TYPE | FYC1 | FYC2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | | (7) | (3) | (3) | | | (7) | (3) | (3) | | | (7) | (3) | (3) |

| | LEVEL D COLUMN 1 | | | | | | LEVEL D COLUMN 2 | | | | | LEVEL D COLUMN 3 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PNL NO | TYPE | FYD1 | FYD2 | FYD5 | FYD6 | HELD 2 | TYPE | FYD1 | FYD2 | FYD5 | HELD 2 | TYPE | FYD1 | FYD2 | FYD5 | FYD6 | HELD 2 |
| | (1) | (8) | (3) | (3) | (3) | (9) | (8) | (3) | (3) | (3) | (9) | (8) | (3) | (3) | (3) | (3) | (9) |

| PNL NO | LEVEL E | TYPE | FYE1 | FYE2 | FYE3 | FYE4 | FYE5 | FYE6 | FYE7 | FYE8 | HELD 5 | HELD 6 | HELD 7 | LEVEL F | TYPE | FYF1 | FYF2 | LCS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (1) | (10) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (11) | (11) | (11) | | (12) | (3) | (3) | (13) |

| | SPANDREL LEVEL B | | | SEAT DETAILS | | | SPANDREL LEVEL D | | | | | | | SEAT DETAILS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PNL NO | TB4 | FYB4 | SCL | SCR | COL.1 | COL.2 | COL.3 | TD4 | FYD4 | TD7 | FYD7 | TD3 | FYD8 | HELD 8 | SCL | SCR | COL.1 | COL.2 | COL.3 |
| | (1) (14) | (3) | (15) | (16) | (17) | (17) | (17) | (18) | (3) | (18) | (3) | (18) | (3) | (19) | (20) | (21) | (17) | (17) | (17) |

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(2) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-AB2-4 THRU 6
(3) REQUIRED YIELD STRENGTH FOR INDICATED PLATE (KSI)
(4) REQUIRED YIELD STRENGTH FOR PLATE B2 AND B3 (KSI)
(5) WELD SIZE (INCHES) SEE 2-AB2-4 FOR LOCATION
(6) DETAIL NUMBER FOR UPPER COLUMN SPLICE - SEE 2-AB2-25 THRU 27
(7) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-AB2-7
(8) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-AB2-8 THRU 11
(9) WELD SIZE (INCHES) SEE 2-AB2-8 FOR LOCATION
(10) ASSEMBLY TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-AB2-12 THRU 15
(11) WELD SIZE (INCHES) SEE 2-AB2-13 FOR LOCATION
(12) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-AB2-16
(13) DETAIL NUMBER FOR LOWER COLUMN SPLICE - SEE 2-AB2-29 AND 30
(14) THICKNESS OF PLATE B4 (INCHES) SEE 2-AB2-4 FOR DETAILS
(15) DETAIL NUMBER FOR LEFT SPANDREL CONNECTION - SEE 2-AB2-23
(16) DETAIL NUMBER FOR RIGHT SPANDREL CONNECTION - SEE 2-AB2-23
(17) DETAIL NUMBER FOR BEAM AND BRACING SEAT DETAILS - SEE 2-AB2-31 THRU 36

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 - TREE - SCHEDULE NOTES | DATE: 7-25-67

REVISIONS
1 - 3-69
2 - 3-69
3 - 3-69
4 - 1-69

| PNL NO | LEVEL B COLUMN 1 TYPE | FYB1 | FYB2 | FYB6 | WELD 3 | LEVEL B COLUMN 2 TYPE | FYB1 | FYB2 | FYB6 | WELD 3 | LEVEL B COLUMN 3 TYPE | FYB1 | FYB2 | FYB6 | WELD 3 | UPPER COL. SPLICE COL.1 | COL.2 | COL.3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | (2) | (3) | (4) | (3) | (5) | (2) | (3) | (4) | (3) | (5) | (2) | (3) | (4) | (3) | (5) | (6) | (6) | (6) |

| PNL NO | LEVEL C COL.1 TYPE | FYC1 | FYC2 | LEVEL C COL.2 TYPE | FYC1 | FYC2 | LEVEL C COL.3 TYPE | FYC1 | FYC2 |
|---|---|---|---|---|---|---|---|---|---|
| (1) | (7) | (3) | (3) | (7) | (3) | (3) | (7) | (3) | (3) |

| PNL NO | LEVEL D COLUMN 1 TYPE | FYD1 | FYD2 | FYD5 | FYD6 | WELD 2 | LEVEL D COLUMN 2 TYPE | FYD1 | FYD2 | FYD5 | WELD 2 | LEVEL D COLUMN 3 TYPE | FYD1 | FYD2 | FYD5 | FYD6 | WELD 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | (0) | (3) | (3) | (3) | (3) | (9) | (8) | (3) | (3) | (3) | (9) | (8) | (3) | (3) | (3) | (3) | (9) |

| PNL NO | LEVEL E TYPE | FYE1 | FYE2 | FYE3 | FYE4 | FYE5 | FYE6 | FYE7 | FYE8 | WELD 5 | WELD 6 | WELD 7 | LEVEL F TYPE | FYF1 | FYF2 | LCS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | (10) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (11) | (11) | (11) | | (12) | (3) | (3) | (13) |

| PNL NO | SPANDREL LEVEL B TB4 | FYB4 | SCL | SCR | SEAT DETAILS COL.1 | COL.2 | COL.3 | SPANDREL LEVEL D TD4 | FYD4 | TD7 | FYD7 | TD8 | FYD8 | WELD 8 | SCL | SCR | SEAT DETAILS COL.1 | COL.2 | COL.3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | (14) | (3) | (15) | (16) | (17) | (17) | (17) | (18) | (3) | (18) | (3) | (18) | (3) | (19) | (20) | (21) | (17) | (17) | (17) |

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(6) DETAIL NUMBER FOR UPPER COLUMN SPLICE - SEE 2-AB2-25 THRU 27
(7) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-AB2-7
(8) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-AB2-8 THRU 11
(9) WELD SIZE (INCHES) SEE 2-AB2-8 FOR LOCATION
(10) ASSEMBLY TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-AB2-12 THRU 15
(11) WELD SIZE (INCHES) SEE 2-AB2-13 FOR LOCATION
(12) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-AB2-16
(13) DETAIL NUMBER FOR LOWER COLUMN SPLICE - SEE 2-AB2-29 AND 30
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(15) DETAIL NUMBER FOR LEFT SPANDREL CONNECTION - SEE 2-AB2-23
(16) DETAIL NUMBER FOR RIGHT SPANDREL CONNECTION - SEE 2-AB2-23
(17) DETAIL NUMBER FOR BEAM AND BRACING SEAT DETAILS - SEE 2-AB2-31 THRU 36

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34260 STATE OF NEW YORK

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

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL - TREE - SCHEDULE NOTES | DATE 7-25-67

REVISIONS:
1-3-69
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3-3-69

| | LEVEL B COLUMN 1 | | | | | LEVEL B COLUMN 2 | | | | | LEVEL B COLUMN 3 | | | | | UPPER COL. SPLICE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PNL NO | TYPE | FYB1 | FYB2 | FYB6 | WELD 5 | TYPE | FYB1 | FYB2 | FYB6 | WELD 5 | TYPE | FYB1 | FYB2 | FYB6 | WELD 5 | COL.1 | COL.2 | COL.3 |
| (1) | (2) | (3) | (4) | (3) | (5) | (2) | (3) | (4) | (3) | (5) | (2) | (3) | (4) | (3) | (5) | (6) | (6) | (6) |

| PNL NO | LEVEL C COL.1 | TYPE | FYC1 | FYC2 | LEVEL C COL.2 | TYPE | FYC1 | FYC2 | LEVEL C COL.3 | TYPE | FYC1 | FYC2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | | (7) | (3) | (3) | | (7) | (3) | (3) | | (7) | (3) | (3) |

| | LEVEL D COLUMN 1 | | | | | | LEVEL D COLUMN 2 | | | | | LEVEL D COLUMN 3 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PNL NO | TYPE | FYD1 | FYD2 | FYD5 | FYD6 | WELD 2 | TYPE | FYD1 | FYD2 | FYD5 | WELD 2 | TYPE | FYD1 | FYD2 | FYD5 | FYD6 | WELD 2 |
| (1) | (8) | (3) | (3) | (3) | (3) | (9) | (8) | (3) | (3) | (3) | (9) | (8) | (3) | (3) | (3) | (3) | (9) |

| PNL NO | LEVEL E | TYPE | FYE1 | FYE2 | FYE3 | FYE4 | FYE5 | FYE6 | FYE7 | FYE8 | WELD 5 | WELD 6 | WELD 7 | LEVEL F | TYPE | FYF1 | FYF2 | LCS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | | (10) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (11) | (11) | (11) | | (12) | (3) | (3) | (13) |

| | SPANDREL LEVEL B | | | | SEAT DETAILS | | | SPANDREL LEVEL D | | | | | | | SEAT DETAILS | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PNL NO | TB4 | FYB4 | SCL | SCR | COL.1 | COL.2 | COL.3 | TD4 | FYD4 | TD7 | FYD7 | TD8 | FYD8 | WELD 8 | SCL | SCR | COL.1 | COL.2 | COL.3 |
| (1) | (14) | (3) | (15) | (16) | (17) | (17) | (17) | (18) | (3) | (18) | (3) | (18) | (3) | (19) | (20) | (21) | (17) | (17) | (17) |

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(2) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-AB2-4 THRU 6
(3) REQUIRED YIELD STRENGTH FOR INDICATED PLATE (KSI)
(4) REQUIRED YIELD STRENGTH FOR PLATE B2 AND B3 (KSI)
(5) WELD SIZE (INCHES) SEE 2-AB2-4 FOR LOCATION
(6) DETAIL NUMBER FOR UPPER COLUMN SPLICE - SEE 2-AB2-25 THRU 27
(7) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-AB2-7
(8) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-AB2-8 THRU 11
(9) WELD SIZE (INCHES) SEE 2-AB2-8 FOR LOCATION
(10) ASSEMBLY TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-AB2-12 THRU 15
(11) WELD SIZE (INCHES) SEE 2-AB2-13 FOR LOCATION
(12) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-AB2-16
(13) DETAIL NUMBER FOR LOWER COLUMN SPLICE - SEE 2-AB2-29 AND 30
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LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34260 UNIVERSITY OF THE STATE OF NEW YORK

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

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL - TREE - SCHEDULE NOTES | DATE: 7-25-67

| ISIONS |
|---|
| 1-3-69 |
| 2-3-69 |

| | LEVEL B COLUMN 1 | | | | | LEVEL B COLUMN 2 | | | | | LEVEL B COLUMN 3 | | | | | UPPER COL. SPLICE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PNL NO | TYPE | FYB1 | FYB2 | FYB6 | WELD 3 | TYPE | FYB1 | FYB2 | FYB6 | WELD 3 | TYPE | FYB1 | FYB2 | FYB6 | WELD 3 | COL.1 | COL.2 | COL.3 |
| (1) | (2) | (3) | (4) | (3) | (5) | (2) | (3) | (4) | (3) | (5) | (2) | (3) | (4) | (3) | (5) | (6) | (6) | (6) |

| PNL NO | LEVEL C COL.1 | | | | LEVEL C COL.2 | | | | LEVEL C COL.3 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | TYPE | FYC1 | FYC2 | | TYPE | FYC1 | FYC2 | | TYPE | FYC1 | FYC2 | |
| (1) | (7) | (3) | (3) | | (7) | (3) | (3) | | (7) | (3) | (3) | |

| | LEVEL D COLUMN 1 | | | | | | LEVEL D COLUMN 2 | | | | | LEVEL D COLUMN 3 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PNL NO | TYPE | FYD1 | FYD2 | FYD5 | FYD6 | WELD 2 | TYPE | FYD1 | FYD2 | FYD5 | WELD 2 | TYPE | FYD1 | FYD2 | FYD5 | FYD6 | WELD 2 |
| (1) | (8) | (3) | (3) | (3) | (3) | (9) | (8) | (3) | (3) | (3) | (9) | (8) | (3) | (3) | (3) | (3) | (9) |

| PNL NO | LEVEL E | TYPE | FYE1 | FYE2 | FYE3 | FYE4 | FYE5 | FYE6 | FYE7 | FYE8 | WELD 5 | WELD 6 | WELD 7 | LEVEL F | TYPE | FYF1 | FYF2 | LCS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | | (10) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (11) | (11) | (11) | | (12) | (3) | (3) | (13) |

| | SPANDREL LEVEL B | | | | SEAT DETAILS | | | SPANDREL LEVEL D | | | | | | | | SEAT DETAILS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PNL NO | TB4 | FYB4 | SCL | SCR | COL.1 | COL.2 | COL.3 | TD4 | FYD4 | TD7 | FYD7 | TD8 | FYD8 | WELD 8 | SCL | SCR | COL.1 | COL.2 | COL.3 |
| (1) | (14) | (3) | (15) | (16) | (17) | (17) | (17) | (18) | (3) | (18) | (3) | (18) | (3) | (19) | (20) | (21) | (17) | (17) | (17) |

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(6) DETAIL NUMBER FOR UPPER COLUMN SPLICE - SEE 2-AB2-25 THRU 27
(7) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-AB2-7
(8) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-AB2-8 THRU 11
(9) WELD SIZE (INCHES) SEE 2-AB2-8 FOR LOCATION
(10) ASSEMBLY TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-AB2-12 THRU 15
(11) WELD SIZE (INCHES) SEE 2-AB2-13 FOR LOCATION
(12) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND WELDS - SEE 2-AB2-16
(13) DETAIL NUMBER FOR LOWER COLUMN SPLICE - SEE 2-AB2-29 AND 30
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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 - TREE - SCHEDULE NOTES | DATE: 7-25-67

REVISIONS
1. 3-69

| PNL NO | LEVEL B COLUMN 1 TYPE | FYB1 | FYB2 | FYB6 | WELD 5 | LEVEL B COLUMN 2 TYPE | FYB1 | FYB2 | FYB6 | WELD 3 | LEVEL B COLUMN 3 TYPE | FYB1 | FYB2 | FYB6 | WELD 3 | UPPER COL. SPLICE COL.1 | COL.2 | COL.3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | (2) | (3) | (4) | (3) | (5) | (2) | (3) | (4) | (3) | (5) | (2) | (3) | (4) | (3) | (5) | (6) | (6) | (6) |

| PNL NO | LEVEL C COL.1 TYPE | FYC1 | FYC2 | LEVEL C COL.2 TYPE | FYC1 | FYC2 | LEVEL C COL.3 TYPE | FYC1 | FYC2 |
|---|---|---|---|---|---|---|---|---|---|
| (1) | (7) | (3) | (3) | (7) | (3) | (3) | (7) | (3) | (3) |

| PNL NO | LEVEL D COLUMN 1 TYPE | FYD1 | FYD2 | FYD5 | FY 5 | WELD 2 | LEVEL D COLUMN 2 TYPE | FYD1 | FYD2 | FYD5 | WELD 2 | LEVEL D COLUMN 3 TYPE | FYD1 | FYD2 | FYD5 | FYD6 | WELD 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | (8) | (3) | (3) | (3) | (3) | (9) | (8) | (3) | (3) | (3) | (9) | (8) | (3) | (3) | (3) | (3) | (9) |

| PNL NO | LEVEL E TYPE | FYE1 | FYE2 | FYE3 | FYE4 | FYE5 | FYE6 | FYE7 | FYE8 | WELD 9 | WELD 6 | WELD 7 | LEVEL F TYPE | FYF1 | FYF2 | LCS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | (10) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (11) | (11) | (11) | (12) | (3) | (3) | (13) |

| PNL NO | SPANDREL LEVEL B TB4 | FYB4 | SCL | SCR | SEAT DETAILS COL.1 | COL.2 | COL.3 | SPANDREL LEVEL D TD4 | FYD4 | TD7 | FYD7 | TD8 | FYD8 | WELD 8 | SCL | SCR | SEAT DETAILS COL.1 | COL.2 | COL.3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | (14) | (3) | (15) | (16) | (17) | (17) | (17) | (18) | (3) | (18) | (3) | (18) | (3) | (19) | (20) | (21) | (17) | (17) | (17) |

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(13) DETAIL NUMBER FOR LOWER COLUMN SPLICE - SEE 2-AB2-29 AND 30
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LICENSED PROFESSIONAL ENGINEER * LESLIE E. ROBERTSON * No. 34360 STATE OF NEW YORK UNIVERSITY

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

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL - TREE - SCHEDULE NOTES | DATE 7-25-67

REVISIONS

| | LEVEL B COLUMN 1 | | | | | LEVEL B COLUMN 2 | | | | | LEVEL B COLUMN 3 | | | | | UPPER COL. SPLICE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PNL NO | TYPE | FYB1 | FYB2 | FYB6 | HELD 3 | TYPE | FYB1 | FYB2 | FYB6 | HELD 3 | TYPE | FYB1 | FYB2 | FYB6 | HELD 3 | COL.1 | COL.2 | COL.3 |
| (1) | (2) | (3) | (4) | (3) | (5) | (2) | (3) | (4) | (3) | (5) | (2) | (3) | (4) | (3) | (5) | (6) | (6) | (6) |

| PNL NO | LEVEL C | COL.1 | TYPE | FYC1 | FYC2 | LEVEL C | COL.2 | TYPE | FYC1 | FYC2 | LEVEL C | COL.3 | TYPE | FYC1 | FYC2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | | | (7) | (3) | (3) | | | (7) | (3) | (3) | | | (7) | (3) | (3) |

| | LEVEL D COLUMN 1 | | | | | | LEVEL D COLUMN 2 | | | | | LEVEL D COLUMN 3 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PNL NO | TYPE | FYD1 | FYD2 | FYD5 | FYD6 | HELD 2 | TYPE | FYD1 | FYD2 | FYD5 | HELD 2 | TYPE | FYD1 | FYD2 | FYD5 | FYD6 | HELD 2 |
| (1) | (8) | (3) | (3) | (3) | (3) | (9) | (8) | (3) | (3) | (3) | (9) | (8) | (3) | (3) | (3) | (3) | (9) |

| PNL NO | LEVEL E | TYPE | FYE1 | FYE2 | FYE3 | FYE4 | FYE5 | FYE6 | FYE7 | FYE8 | HELD 5 | HELD 6 | HELD 7 | LEVEL F | TYPE | FYF1 | FYF2 | LCS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | | (10) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (11) | (11) | (11) | | (12) | (3) | (3) | (13) |

| | SPANDREL LEVEL D | | | | SEAT DETAILS | | | SPANDREL LEVEL D | | | | | | | | SEAT DETAILS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PNL NO | TB4 | FYB4 | SCL | SCR | COL.1 | COL.2 | COL.3 | TD4 | FYD4 | TD7 | FYD7 | TD8 | FYD8 | HELD 8 | SCL | SCR | COL.1 | COL.2 | COL.3 |
| (11) | (14) | (3) | (15) | (16) | (17) | (17) | (17) | (18) | (3) | (18) | (3) | (18) | (3) | (19) | (20) | (21) | (17) | (17) | (17) |

(1) PANEL NUMBER - IDENTIFIED BY COLUMN NUMBER FOR CENTER COLUMN OF PANEL AND TOWER DESIGNATION A OR B
(NOTE) PANELS ARE SHOWN FROM INSIDE OF BUILDING LOOKING OUT. FOR PANEL ELEVATIONS SEE 2-AB2-2.
SCHEDULED COLUMN 1 IS THE LEFT COLUMN, COLUMN 2 THE MIDDLE COLUMN AND COLUMN 3 THE RIGHT COLUMN
(2) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND HELDS - SEE 2-AB2-4 THRU 6
(3) REQUIRED YIELD STRENGTH FOR INDICATED PLATE (KSI)
(4) REQUIRED YIELD STRENGTH FOR PLATE B2 AND B3 (KSI)
(5) HELD SIZE (INCHES) SEE 2-AB2-4 FOR LOCATION
(6) DETAIL NUMBER FOR UPPER COLUMN SPLICE - SEE 2-AB2-25 THRU 27
(7) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND HELDS - SEE 2-AB2-7
(8) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND HELDS - SEE 2-AB2-8 THRU 11
(9) HELD SIZE (INCHES) SEE 2-AB2-8 FOR LOCATION
(10) ASSEMBLY TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND HELDS - SEE 2-AB2-12 THRU 15
(11) HELD SIZE (INCHES) SEE 2-AB2-13 FOR LOCATION
(12) COLUMN TYPE. FOR DIMENSIONS, PLATE THICKNESSES AND HELDS - SEE 2-AB2-16
(13) DETAIL NUMBER FOR LOWER COLUMN SPLICE - SEE 2-AB2-29 AND 30
(14) THICKNESS OF PLATE B4 (INCHES) SEE 2-AB2-4 FOR DETAILS
(15) DETAIL NUMBER FOR LEFT SPANDREL CONNECTION - SEE 2-AB2-23
(16) DETAIL NUMBER FOR RIGHT SPANDREL CONNECTION - SEE 2-AB2-23
(17) DETAIL NUMBER FOR BEAM AND BRACING SEAT DETAILS - SEE 2-AB2-31 THRU 36

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SA-126 " " " " - WALL 200
SA-127 " " " " - WALL 300
SA-128 " " " " - WALL 400

SB-125 EXTERIOR WALL ELEVATION TO FL. 9 - WALL 100
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SA-128 " " " " - WALL 400

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