SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE BALLROOM GIRDER ELEVATIONS | DATE 11-3-72

REVISIONS

RELEASE FOR CONSTRUCTION 11-20-72

12-11-72

6-4-73

K-47 / 6 — K-41 / 8

Equal — 2" — 29'-4" — Camber diagram 4.1-1A — 19'-0"

7'-0" 7'-9" 7'-0" 7'-0"

PL 24x4 [Fy=42] 12φ1.3-1B 2.3-3A — See plan for elevation — 2.3-3A — PL 24x4½ [Fy=42] — El. 332 — PL 24x4 [Fy=42] — 4.3-3B

12"φ1.3-1B 12"φ 10"φ 12"φ 12"φ 12"φ 12"φ 10"φ 12"φ

1'-6" 1.3-1C sim. 1'-6" 10"φ 6'-9" 1'-3½" 2.3-3B 9'-9" 2.3-3B 1'-6" 1'-6" 3'-0"

4.3-3C — 4.2-1C at stiff PL — PL 8" [Fy=42] — 4.2-1A — PL 24x4½" [Fy=42] — 1.3-1C sim. — 12"φ1.3-1B 12"φ1.3-1B Exist. col.

4'-1" 7'-5" 9'-3" 9'-1" 4'-8" 11'-0" 8'-0" 8'-0" 10'-8" 7'-8"

1'-6" 1'-6"

87'-6" verify in field

A

47 — 41

Equal — 2½" — 26'-5" — Camber diagram 4.1-1B

6'-0" 7'-9" 7'-0" 7'-0"

PL 24x4¼ [Fy=42] — 2.3-3A — 2.3-3A — PL 24x4¾" [Fy=42] — PL 24x4¼ [Fy=42] El. 332

12"φ1.3-1B — See plan for elev. — 12"φ 1.3-1C sim. 10"φ — 10"φ — 1.3-1C sim. — 12"φ1.3-1B 12"φ1.3-1B

2'-6" 1'-6" 10'-5" 1'-6" 1'-3½" 12"φ 12"φ 2.3-3B 1'-6" 9'-6" 12"φ 12"φ 2.3-3B 1'-6" 1'-6" 12"φ

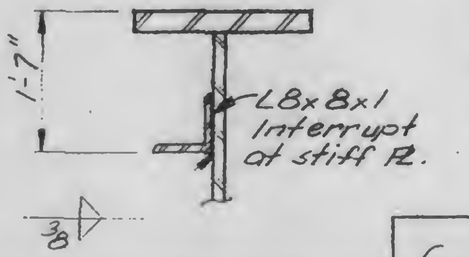
4.3-3A — 4.2-1C 8'-0" at stiff. PL 9'-1" — PL 8" — 1'-6" 9'-6" 4.2-1A — PL 24x4¾" [Fy=42] — 4.3-3A

4'-1" 8'-10" 4'-8" 8'-0" 8'-0" 1'-6" 10'-8" 7'-8"

1'-4"

87'-6" verify in field

B



C

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DESIGNED WAB.

DRAWN TR

REVIEWED

13-K 4.1-1