SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — STRUCTURAL CONSULTANTS

PROJECT: THE WORLD TRADE CENTER — BALLROOM GIRDER SLIDE CONNECTION

REVISIONS

General Revision Released for construction 11-24-72

3-21-73

4-7/8"Ø x 0'-3½" headed stud

PL 8"x 3/4" x 0'-7"

4.3-2 K-4.1 10

3/32" Teflon* on 10 ga. 6"x6"

3/32" Teflon* on 10 ga. 8"x8" Level surface

PL 9"x 3/4" x 0'-9"

4-7/8"Ø A325F

24 WF

4-1"Ø A325F 3"

PL 3/8 x 6½" x 0'-6"

CP

Shop measurement

Store exist. beams as required and remove exist. 14 WF 95 column and place column 14 WF 136 (Fy=50) K43-9 (1-2)

Cut exist. beam as required

El. 330'-6"

Stiff. PL 3/8

33 WF Exist.

Fit to bear

Top of seat

PL 1/4" 5/16

4.3.2

2-2-1A

Exist PL 2"

Exist. col.

Elevation

PL 4 x 36 x 9½

Section c-c

Exist. 33 WF

Sole PL 1" 2-3/32" Teflon* pads bed PL 3/8"

PL ½"

Finish

Section a-a

* The bearing capacity of Teflon pads to be 2000 psi minimum.

24 WF

Column

¾" return at top

Section b-b

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

DESIGNED

DRAWN

REVIEWED

13-K4.3-1