SKILLING - HELLE - CHRISTIANSEN - ROBERTSON Structural & Civil Engineers

PROJECT THE WORLD TRADE CENTER | TITLE TRUSS DETAIL 37 | DATE 6-7-68

REVISIONS

J-8 / 12

1'-3"

5 3/4" 5 1/2" a

8 - 7/8"ϕ A325 bolts @ 3" ea. side

Column (See column schedule

Beam connection not shown

El. 290

PL 15x3/4x1'-8"

1'-3 1/2"

21

3'-3" max.

14WF500

Finish

b

6 - 1"ϕ A325 bolts @ 3"

2 Ls 4x3 1/2x1/2x1'-5 1/2"

C.P.

14WF605

14WF132

a

7'-0"

12:6 1/2"

33 WF (See plan)

2-7 3/4"

7'-0"

1/8" erection clearance provide shim PL

Splice PL 5/8

C.P.

Finish col.

1 3/4"

24WF (See plan)

5-7/8"ϕ A325 bolts @ 3"

21 WF (See plan)

2 Ls 4x3 1/2x7/16x1'-2 1/2"

At Web of 14WF605

1/2

Section a-a

33 WF

PL 3/4"

1" return at top

7/16

1/2

See Note 1

1" return at top

3/8

C, PL 1 3/4"

21WF

24 WF

14WF605

Section b-b

Note

1. Erection clearance each side of beam web should not be more than 1/16". Provide shim between beam web and angles if required to insure surface contact for H.S. bolts.

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