A1683

1-PL-A764 (N/S)
2-HT BOLT 1 X 4 1/2 (490)
2-HT WASHER 1 DIA (325)
(WRENCH TIGHT)

HOLES (1"A490)

1-PL A763 — 1-PL A763

MILL

ELEV. 675'-6 (FIN. 29TH FLOOR)

22'-0 — 5 1/2 — 3'-6

A768 (NS)

1-1 1/4 — 1-1 1/4

BOTH FLGS

BOTH FLGS

A789 (NS)

B789

1-2 5/16 — 1-2 5/16

+FB, 12, HT BOLT 1 X 4 1/4, 490, F., A
1-PL A752

+FB, 12, HT BOLT 1 X 4 1/4, 490, F., A
1-PL A752

FILLS

FILLS

1-L AD (NS)

PA (FS)

HOLES (1DIA A490)

W 35 7/8 X 230 GIRDER B

W 35 7/8 X 230 GIRDER A

583=1'-3

583=1'-3

+FB, 6, HT BOLT 1 X 3, 490, F., A
1-PL C753 (OFFSET)

+FB, 6, HT BOLT 1 X 3, 490, F., A
1-PL C753 (OFFSET)

HOLES (1DIA A490)

+FB, 12, HT BOLT 1 X3 3/4, 490, F., A
1-PL A752

1-0 13/16 — 1-0 13/16

+FB, 12, HT BOLT 1 X3 3/4, 490, F., A
1-PL A752

1-4 3/8 — 1-4 7/16 — 1-4 7/16 — 1-4 3/8

G768 (NS)

18'-6 9/16 — 18'-6 9/16

BOTH FLGS

BOTH FLGS

PL-PB & PC (FS)

12'-9

ELEV. 662'-9 (FIN. 28TH FLOOR)

9'-3 — 5 1/2 — 12'-9

A768 (NS)

1-1 1/4 — 1-1 1/4

BOTH FLGS

BOTH FLGS

A789 (NS)

B789

1-2 5/16 — 1-2 5/16

+FB, 14, HT BOLT 1 X4 1/2, 490, F., A
1-PL H752

+FB, 14, HT BOLT 1 X 4 1/2, 490, F., A
1-PL H752

FILLS

FILLS

1-L AD (NS)

PA (FS)

HOLES (1DIA A490)

W 36 1/8 X 245 GIRDER B

W 36 1/8 X 245 GIRDER A

583=1'-3

583=1'-3

+FB, 6, HT BOLT 1 X 3, 490, F., A
1-PL C753 (OFFSET)

+FB, 6, HT BOLT 1 X 3, 490, F., A
1-PL C753 (OFFSET)

HOLES (1DIA A490)

+FB, 14, HT BOLT 1 X4, 490, F., A
1-PL H752

1-0 13/16 — 1-0 13/16

+FB, 14, HT BOLT 1 X4, 490, F., A
1-PL H752

1-4 5/8 — 1-4 11/16 — 1-4 11/16 — 1-4 5/8

G768 (NS)

5'-9 5/16 — 5'-9 5/16

BOTH FLGS

BOTH FLGS

PL-PB & PC (F/S)

ELEV. 650'-0 (FIN. 27TH FLOOR)

3-6

MILL

3 — 2383=9

EAST

GA=11 1/2 — GA=11 1/2

1-7 5/8

3 1/2

HOLES (1DIA.A490)

+FB, 10, HT BOLT 1 X 5 3/4, 490, F., A
+FB, 10, HT BOLT 1 X 4 1/2, 490, F., A

A1681

1-2 1/2 — 2383=9 — 3 1/2

DRILLED HOLE

A763

NO WELD 4

1-L A768

X 7/8 SLOTS

1-PL A789

2-PL B789

AD

1'-9 7/8 — 9 7/8 — 22'-9 7/8 — 21'-6 1/2 — 3'-6 7/8

1-MC-G768

BOTH FLANGES

DRILLED HOLE

+FB, 2, HT BOLT 1-7/8 X 3, 325, F., A
1-PL-PA

1-PL PAB

FILLS

23'-0 — 1'-0

21'-6 7/8

W 33 1/8 X 130

+FB, 2, HT BOLT 7/8 X 3, 325, F., A
1-PL-PB

GRIND TO BEAR

18'-9 3/8

18'-5 1/8

P.P.

1-PL-PC

1-L A768

X 7/8 SLOTS

1-PL A789

2-PL B789

AD

1'-9 7/8 — 9 7/8 — 11'-0 7/8 — 10'-0 7/8 — 8'-9 1/2 — 3'-6 7/8

1-MC-G768

+FB, 2, HT BOLT 7/8 X 3, 325, F., A
1-PL-PA

FILLS

8'-9 7/8

W 33 1/8 X 130

+FB, 2, HT BOLT 7/8 X 3, 325, F., A
1-PL-PB

GRIND TO BEAR

6'-0 3/8

5'-8 1/8

P.P.

1-PL-PC

*DIV 2905, A1682, 1, W14X500, X 25-6 00, A36, M2E COL, P86, 7, (W 19 5/8 X 17 X 2 3/16 @ 500)

COL 44

MATERIAL

: 4, PI 012 00 X00 7/8, X 2-0 1/2, H752, 44W, P1E, , , A
: 4, PI 005 00 X00 1/2, X 1-6 1/2, C753, 44W, , , , A
: 2, PI 010 1/4 X00 1/2, X 2-4 00, A789, 44W, BENT, , , A
: 4, PI 006 1/2 X00 3/8, X 0-11 1/4, B789, 44W, , , , A
: 2, PI 015 00 X00 5/8, X 2-1 1/2, A763, 44W, , , , A
: 1, PI 010 00 X00 5/8, X 1-2 00, A764, 44W, , , , A
: 2, PI 007 1/2 X00 3/8, X 1-0 1/2, PA, 44W, , , , A
: 2, PI 008 1/2 X00 3/4, X 1-0 1/2, PB, 44W, , , , A
: 2, PI 007 00 X01 00, X 1-9 00, PC, 44W, G1E, P1E, , , A
: 1, PI 012 1/2 X01 3/4, X 1-1 00, PAB, 44W, , , , A
: 4, PI 012 00 X00 3/4, X 1-9 1/2, A752, 44W, P1E, , , A

: 2, 9MC25. 4, X1-10 00, G768, A36, , P217, 2, , A
: 2, L 6 X 4 X 5/16, X 2-6 00, A768, 44W, , , , A
: 2, L 3 X 3 X 3/8, X 0-8 00, AD, 44W, , , , A

: 2, HT BOLT 1 X 4 1/2, , , 490, , , , A
: 2, HT WASHER 1 , , , 325, , , , A

+FB, 154, HT WASHER 1, 325, , , A
: 1, 1F 3/16, X 12-0 00, , A
: 1, 1F 5/16, X 41-0 00, , A
: 1, 1F 3/8, X 6-0 00, , A
: 1, 1F 1/2, X 4-0 00, , A
: 1, 6G 1/4, X 6-0 00, , A
: 1, 6G 1/2, X 6-0 00, , A
: 1, 6G 5/8, X 2-0 00, , A

1 1/8 X 15/16 SLOTS

(C-C) 583=1'-3 — PA — 583=1'-3 (C-C)

(A-A) 603=1'-6 — 1-2 5/16 — 1-2 5/16 — 603=1'-6 (A-A)

A752

H752

45°

H752 (A-A) A752 (C-C)

AD

H752 (A-A) A752 (C-C)

A789 — B789 — B789

SECTION A-A

SECTION C-C

HOLES (7/8 DIA. A325)

PB (CUT TO FIT)

C753

C753

PC (FS)

(3) — (3)

1-0 13/16 — 1-0 13/16

SECTION B-B

SHOP NOTES
MATERIAL G40.21 44W U/N
E70 SERIES ELECTRODES
REF. D1AG'S E28, E29, 9156, 9142, 9143, E118, E118A, CW-2

DIM'S SHOWN IN BRACKETS ARE BASED ON ACCURATE COL SIZES.

SHOP SCRIBE VISIBLE C/L ON BOTH FLGS & B/S WEB TOP & BOTT.

FOR 1 DIA A490

July 31/85

R 3 DATE	BY	SPEC AS NOTED	FRANKEL STEEL LIMITED		
E 2 DATE	BY	HOLES 1 3/16 D1A U/N	220 ATTWELL DRIVE, UNIT 1, REXDALE, ONTARIO M9W 582		
V 1 DATE	BY	FINISH NONE			
MADE 27 MIKIM	DATE 28JUN85	SQUAD FR	PROJECT: 7 WORLD TRADE CENTER	CONTRACT 84-152	DWG.NO. 1682
CHK'D 28 WJF	DATE July 29/85		DETAIL: COLUMN (15TH TIER) (ZONE 3)		