A1667

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

PLUS 1/16 MINUS 0

1'-6 3/4

HOLES (1"A490)

1-PL A763

1-PL A763

MILL

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

22'-0

3'-6

5 1/2

12'-9

A768 (NS)

BOTH FLGS

A789 (NS)

B789

B789

A

A

B

B

FILLS

+FB, 10, HT BOLT 1 X 4, 490, F., A
1-PL G752

+FB, 10, HT BOLT 1 X 4, 490, F., A
1-PL G752

1-L AD (NS)

H766 (FS)

HOLES (1DIA A490)

W 36 1/8 X 170 GIRDER A

W 36 1/8 X 170 GIRDER B

+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)

C766 (FS)

HOLES (1DIA A490)

+FB, 10, HT BOLT 1 X3 1/2, 490, F., A
1-PL G752

+FB, 10, HT BOLT 1 X3 1/2, 490, F., A
1-PL G752

G768 (NS)

BOTH FLGS

BOTH FLGS

18'-6 5/16

18'-5 1/8

DRILLED HOLE

A763

NO WELD

5/16 EFFECTIVE

1-PL PAB

1-PL PAC

TYP BOTH FLANGES

TYP

1-L A768

1-PL A789

2-PL B789

AD

1-L H766

+FB, 2, HT BOLT 7/8 X 2 1/2, 325, F., A

DRILLED HOLE

PL PAB/PAC

1-L C766

+FB, 2, HT BOLT 7/8 X 2 1/2, 325, F., A

1-MC-G768

22'-6 5/8

21'-6 7/8

20'-2 3/4

W15 3/4X26

SECTION A-A

SECTION B-B

SHOP NOTES
MATERIAL G40.21 44W U/N
E70 SERIES ELECTRODES
REF. D1AG'S E28/29, 9136, 9137, 9156, E118A, E118, 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.

*DIV 2915, A1666, 1, W14X426, X 25-6 00, A36, M2E COL, P87, 3, (W 18 5/8 X 16 3/4 X 1 7/8 @ 426)

COL 18

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

9'3

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

3-6

WEST

1-6 5/8

HOLES (1DIA.A490)

3 1/2

11 1/2 BOTH FLGS (TYP)

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

A1665

MATERIAL

:	8, PI 012 00	X00 5/8, X 1-6 1/2, G752, 44W, P1E, . . .	A
:	4, PI 005 00	X00 1/2, X 1-6 1/2, C753, 44W, ...	A
:	2, PI 018 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
:	1, PI 011 00	X01 3/4, X 1-0 1/2, PAB, 44W, ...	A
:	1, PI 010 00	X01 3/4, X 1-0 1/2, PAC, 44W, ...	A
:	2, 9MC25.4, X 1-10, G768, A36, , P217, 2, , A		
:	2, L 6 X 4 X 5/16, X 2-6 00, A768, 44W, ...		A
:	2, L 4 X 4 X 3/8, X 1-0 1/2, H766, 44W, ...		A
:	2, L 6 X 4 X 3/4, X 1-0 1/2, C766, 44W, ...		A
:	2, L 3 X 3 X 3/8, X 0-8 00, AD, 44W, ...		A
:	2, HT BOLT 1 X 4 1/4, , , 490, ...		A
:	2, HT WASHER 1 , , , 325, ...		A

+FB, 130, HT WASHER 1, 325, , , A
: 1, 1F 3/16, X 12-0 00, , A
: 1, 1F 5/16, X 33-0 00, , A
: 1, 1F 3/8, X 6-0 00, , A
: 1, 1F 1/2, X 4-0 00, , A
: 1, 6G 1/2, X 8-0 00, , A
: 1, 6G 3/8, X 2-0 00, , A

FOR 1 DIA A490

July 23/85

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 5B2
V	1	DATE	BY	FINISH	NONE	

MADE	DATE	SQUAD	PROJECT: 7 WORLD TRADE CENTER	CONTRACT	DWG.NO.
27 M.X.	JUNE 85	FR	DETAIL: COLUMN (15TH TIER) (ZONE 3)	84-152	1666
CHK'D 28 GM	DATE JULY 5/85				