A1556
A1557

1- PL A764 (NS)
2-HT BOLT 1 X 4 3/4 (490)
2-HT WASHER 1 DIA (325)
(WRENCH TIGHT)

1'-8 3/8 PLUS 1/16 MINUS 0

HOLES (1"A490)

1-PL A763

1-PL A763

MILL

(FIN. 17TH FLOOR)
(FIN. 19TH FLOOR)

22'-0

3'-6

5 1/2

12'-9

A768 (NS)

BOTH FLGS

A767 (NS)

B767

B767

A

A

+FB, 16, HT BOLT 1 X 5, 490, F., A
1-PL B752

+FB, 16, HT BOLT 1 X 5, 490, F., A
1-PL B752

FILLS

FILLS

1-L AD (NS)

G766 (FS)

HOLES (1DIA A490)

HOLES (1DIA A490)

B

B

+FB, 7, HT BOLT 1 X 3, 490, F., A
1-PL A753 (OFFSET)

+FB, 7, HT BOLT 1 X 3, 490, F., A
1-PL A753 (OFFSET)

W 36 1/2 X 280 GIRDER B

W 36 1/2 X 280 GIRDER A

B766 (FS)

+FB, 16, HT BOLT 1 X4 1/4, 490, F., A
1-PL B752

+FB, 16, HT BOLT 1 X4 1/4, 490, F., A
1-PL B752

G768 (NS)

BOTH FLGS

BOTH FLGS

1-L A768

1-PL A767

+FB, 2, HT BOLT 7/8 X 2 1/2, 325, F., A
1-L G766

2-PL B767

AD

SLOTS

M20 5/8X44

1-L B766
+FB, 2, HT BOLT 7/8 X 2 1/2, 325, F., A

1-MC-G768

DRILLED HOLE

A763

NO WELD 4

5/16 EFFECTIVE

(FIN. 15TH FLOOR)
(FIN. 17TH FLOOR)

9'3

12'-9

3'-6

A768 (NS)

BOTH FLGS

A767 (NS)

B767

B767

A

A

+FB, 16, HT BOLT 1 X5, 490, F., A
1-PL B752

+FB, 16, HT BOLT 1 X 5, 490, F., A
1-PL B752

FILLS

FILLS

1-L AD (NS)

G766 (FS)

HOLES (1DIA A490)

HOLES (1DIA A490)

B

B

+FB, 7, HT BOLT 1 X 3, 490, F., A
1-PL A753 (OFFSET)

+FB, 7, HT BOLT 1 X 3, 490, F., A
1-PL A753 (OFFSET)

W 36 1/2 X 280 GIRDER B

W 36 1/2 X 280 GIRDER A

B766 (FS)

+FB, 16, HT BOLT 1 X4 1/4, 490, F., A
1-PL B752

+FB, 16, HT BOLT 1 X4 1/4, 490, F., A
1-PL B752

G768 (NS)

BOTH FLGS

BOTH FLGS

1-L A768

1-PL A767

+FB, 2, HT BOLT 7/8 X 2 1/2, 325, F., A
1-L G766

2-PL B767

AD

SLOTS

M20 5/8X44

1-L B766
+FB, 2, HT BOLT 7/8 X 2 1/2, 325, F., A

1-MC-G768

(FIN. 15TH FLOOR)
(FIN. 17TH FLOOR)

3'-6

12'-9

1-8 1/4

3 13/16

GA=11 1/2

GA=11 1/2

EAST

MILL

HOLES (1DIA.A490)

+FB, 16, HT BOLT 1 X 5 1/4, 490, F., A
+FB, 10, HT BOLT 1 X 4 3/4, 490, F., A

A1555
A1556

*DIV 1705, A1556, 1, W14X550, X 25-6 00, A36, M2E COL, P13, 4,
*DIV 1905, A1556, 1, W14X550, X 25-6 00, A36, M2E COL, P13, 4,
(W 20 1/4 X 17 1/4 X 2 3/8 @ 550)

COL 45

COL 45

MATERIAL

:	8, PI 012 00	X01 00, X 2-3 1/2, B752, 44W, P1E, , , , A
:	4, PI 005 00	X00 1/2, X 1-9 1/2, A753, 44W, , , , , A
:	2, PI 017 7/8	X00 1/2, X 2-4 00, A767, 44W, BENT, , , , A
:	4, PI 006 1/2	X00 3/8, X 0-10 3/4, B767, 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, 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 4 X 4 X 3/8, X 1-0 1/2, G766, 44W, , , , , A	
:	2, L 8 X 4 X 3/4, X 1-0 1/2, B766, 44W, , , , , A	
:	2, L 3 X 3 X 3/8, X 0-8 00, AD, 44W, , , , , A	
:	2, HT BOLT 1 X 4 3/4, , , 490, , , , , A	
:	2, HT WASHER 1 , , , 325, , , , , A	

+FB, 182, HT WASHER 1, 325, , , A
: 1, 1F 3/16, X 12-0 00, , A
: 1, 1F 5/16, X 39-0 00, , A
: 1, 1F 3/8, X 6-0 00, , A
: 1, 1F 1/2, X 4-0 00, , A
: 1, 6G 9/16, X 4-0 00, , A
: 1, 6G 5/16, X 4-0 00, , A

7@3=1'-9 1-2 5/8 1-2 5/8 7@3=1'-9

G766

B752

AD

B752

TYP

TYP

TYP

A767

B767

B767

1'-8

SECTION A-A

HOLES

B766

A753

A753

SECTION B-B

SHOP NOTES
MATERIAL G40.21 44W U/N
E70 SERIES ELECTRODES
REF. D1AG'S E16, E17, E18, E19, 9102, 9109, 9110
E117, E118A, CW-1

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

June 14/85

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 27 MIKIM	DATE 27MAY85	SQUAD FR	PROJECT: 7 WORLD TRADE CENTER	CONTRACT 84-152	DWG. NO. 1556
CHK'D 28 Jim	DATE JUNE		DETAIL: COLUMNS (9&10TH TIER) (ZONE 2)		