A4015

1-PL-A764 (N/S)
2-HT BOLT 1X3 1/4 (490)
2-HT WASHER 1 DIA (325)
(WRENCH TIGHT)

HOLES (1"A490)

1-PL-W763

1-PL-W763

MILL

3'-6

ELEV. 879'-6 (FIN. 45TH FLOOR)

22'-0

+FB, 20, HT BOLT 1X 3 1/4, 490, F., A

+FB, 10, HT BOLT 1X 3 1/4, 490, F., A (WEB)

4'-8 1/2 | 4'-8 1/2

1-1 1/4 | 1-1 1/4

A768 (NS)

A748 (NS)
C748
B748

C748
B748

PL-B786

B

5 1/2

4 1/2

21'-6 1/2

583=1'-3

1-LAD (N/S)

A747 (F/S)

L-A761 (F/S)

G768 (N/S)

5/8 | 5/8

4'-1 | 4'-1

2 1/2

4 | 3

1-L-D768 (N/S)

1-W -MA (ON C/L)

2-PL-A787
2-HT BOLT 1X 3 1/4 (490)
2-HT WASHER 1 (325)
(SHIP BACK BOLTED)
(WRENCH TIGHT)

1-W MA (ON C/L)
2-PL-B786 (ON C/L)
4-HT BOLT 1X3 1/4 (490)
4-HT WASHER 1 (325)
(SHIP BACK BOLTED)
(WRENCH TIGHT)

2 1/2 | 5

4'-11 | 4'-8 1/2 | 4'-8 1/2 | 4'-11 | 2 1/2

(4'-0 7/8) | (4'-0 7/8)

6 X 7/8 SLOT

HLS IN MA (1DIA.A490)

HLS IN B786 (1DIA.A490)

1 1/2

A768 (NS)

A748 (NS)
C748
B748

BOTH FLGS

T&B FLG.

(GA-5 1/2)

PL-B786

1-LAD (N/S)

A747 (F/S)

L-A761 (F/S)

1DIA (A490)

2-PL-A787
2-HT BOLT 1X 3 1/4 (490)
2-HT WASHER 1 (325)
(SHIP BACK BOLTED)
(WRENCH TIGHT)

G768 (N/S)

1 - W-MA (ON C/L)

1-W MA (ON C/L)
2-PL-B786 (ON C/L)
4-HT BOLT 1X3 1/4 (490)
4-HT WASHER 1 (325)
(SHIP BACK BOLTED)
(WRENCH TIGHT)

5/8 RET @T&B

1-L-D768 (N/S)

(3-5 3/8) | (3-5 3/8)

6 X 7/8 SLOT

1-3 1/4

203=6 | 8 | 203=6 | 4'-1 | 4'-1 | 203=6

12'-9

9'3

ELEV. 866'-9 (FIN. 44TH FLOOR)

ELEV. 854'-0 (FIN. 43RD FLOOR)

3'-6

MILL

(NORTH)

HOLES (1DIA.A490)

A2694

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

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

2 | 9

4'2

DRILLED HOLE

1-2 1/2 | 383=9

NO WELD 4

1-L-A768

1-PL-A748

1-PL-A747

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

2-PL-B748
2-PL-C748

1'-9 7/8 | 9 7/8 | 9 7/8 | 23

22'-9 7/8

21'-6 1/2

AD

3/8 FILLS

5 1/2

3'-6 7/8

21'-6 7/8

W13 3/4X22

8

20'-4 3/4

1-L-A761

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

1-MC-G768

18'-5 1/8 | 8 5/8

17'-8 1/2

L-D768

2X 7/8 SLOTS

1-L-A768

1-PL-A748

1'-9 7/8 | 9 7/8 | 11'-0 7/8

10'-0 7/8

2-PL-B748
2-PL-C748

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

1-PL-A747

3/8 FILLS

5 1/2

AD

8'-9 1/2

3'-6 7/8

8'-9 7/8

W13 3/4X22

8

7'-7 3/4

1-L-A761

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

2X 7/8 SLOTS

1-MC-G768

5'-8 1/8 | 8 5/8

4'-11 1/2

L-D768

3 1/2 | 383=9

11 1/2 BOTH FLGS (TYP)

COL 11

*DIV 4517, A4037, 1, W14X176, X 25-6 00, A36, M2E COL, P173, 11, (W 15 1/4 X 15 5/8 X 13/16 X 176)

MATERIAL

: 2, PI 018 5/8 X00 1/2, X 2-4 00, A748, 44W, BENT, , , A

: 1, PI 010 00 X00 5/8, X 1-2 00, A764, 44W, , , , A

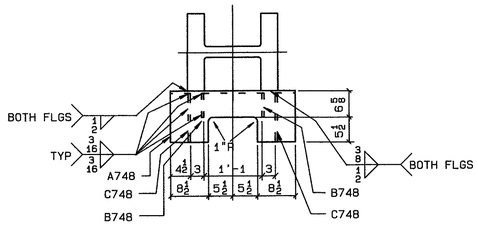
: 2, PI 013 00 X00 3/4, X 2-1 1/2, W763, 44W, , , , A
: 4, PI 006 00 X00 3/8, X 0-6 1/2, B748, 44W, , , , A
: 4, PI 006 1/2 X00 3/8, X 0-11 5/8, C748, 44W, , , , A
: 2, PI 006 1/2 X00 3/8, X 1-0 1/2, A747, 44W, , , , A
: 4, PI 008 1/2 X00 1/2, X 1-6 1/2, A787, 44W, , , , A
: 2, L 6 X 4 X 5/16, X 2-6 00, A768, 44W, , , , A
: 2, L 8 X 6 X 3/4, X 1-0 1/2, A761, 44W, , , , A
: 2, L 3 X 3 X 3/8, X 0-8 00, AD, 44W, , , , A
: 2, L 4 X 3 X 3/8, X 1-2 00, D768, 44W, , , , A

: 4, W36X150, X 4-2 7/8, MA, A36, CUT A743, P170, 5, , A

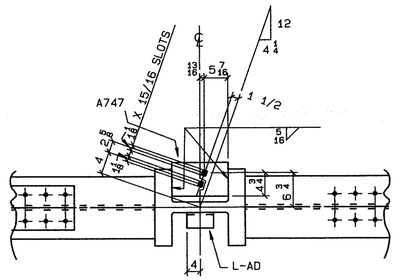
: 4, PI 009 00 X00 1/2, X 1-11 1/2, B786, 44W, , , , A
: 14, HTBOLT 1X3 1/4, , , 490, , , , , A
: 1, 1F 1/2, X50-0 00, , A

: 14, HT WASHER 1, , , 325, , , , , A
+FB, 86, HT WASHER 1, 325, , , A
: 1, 1F 5/16, X50-0 00, , A
: 1, 1F 3/8, X50-0 00, , A

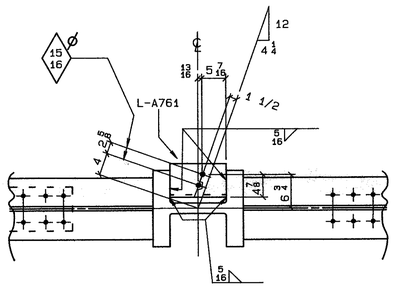
: 2, 9MC25.4, X 1-10 00, G768, A36, , P218, 2, , A



SECTION - A-A



SECTION - B-B



SECTION - C-C

SHOP NOTES
MATERIAL G40.21-44W U/N
E70 SERIES ELECTRODES
REF.DWGS.E44, E45, 9130, E118A, CW2, 9172, E118

Nov 4/85

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 1DIA.A490

R	3	DATE	BY	SPEC	AS NOTED	FRANKEL STEEL LIMITED	
E	2	DATE	BY	HOLES	1 3/16 DIA U/N	220 ATTWELL DRIVE, UNIT 1, REXDALE, ONTARIO M9W 5B2	
V	1	DATE	BY	FINISH	NONE		
MADE 27 HY		DATE 20AUG85	SQUAD FR	PROJECT: 7 WORLD TRADE CENTER		CONTRACT	DWG.NO.
CHK'D 28 BF		DATE 30/85 OCT		DETAIL: COLUMN (23RD TIER) ZONE 4		84-153	4037