A4013

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

1-PL-A763

HOLES (1"A490)

DRILLED HOLE

A763

NO WELD 4

MILL

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

22'-0

3'-6

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

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

4'-5 1/2

4'-8 1/2

A768 (NS)

A748 (NS)

C748

B748

PL-B786

1-LAD (N/S)

B747 (F/S)

L-B761 (F/S)

G768 (N/S)

1-L-A768

1-PL-A748

1-PL-B747

2-PL-B748

2-PL-C748

AD

1-L-B761

1-MC-G768

L-D768

1-W -MB (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-L-D768 (N/S)

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)

(CUT WITH MB4028)

6 X 7/8 SLOT

4'-8
4'-5 1/2
4'-11
4'-8 1/2

(3'-9 3/4)
(4'-0 3/4)

HLS IN MA (1DIA.A490)

HLS IN B786 (1DIA.A490)

BOTH FLGS

T&B FLG.

(GA-5 1/2)

1DIA (A490)

5/8 RET @T&B

2X 7/8 SLOTS

4'-11 1/2

(3-2 1/4)
(3-5 1/4)

1-3 1/2

283=6
8
283=6
3'-10
4'-1
283=6

FILL-PL-FA/FB

(NORTH)

2-FILL-PL-FA
2-FILL-PL-FB
4-HT BOLT 1X (A490)
4-HT WASHER 1 (A325)
(WRENCH TIGHT)

PL-FA/FB

HOLES (1DIA.A490)

11 1/2 BOTH FLGS (TYP)

1'-4 1/4 PLUS KING @ 5/16

3/8

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

12'-9

9'3

A2692

1~FILL R~FC (N/S)

+FB, 18, HT BOLT 1X 4 1/4, 490, F., A
+FB, 10, HT BOLT 1X 3 1/2, 490, F., A

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

3/8 FILLS

W15 3/4X26

20'-2 3/4

21'-6 7/8

21'-6 1/2

22'-9 7/8

1'-9 7/8

583=1'-3

18'-5 1/8

17'-8 1/2

3'-6 7/8

10'-0 7/8

11'-0 7/8

8'-9 1/2

7'-5 3/4

5'-8 1/8

4'-11 1/2

MATERIAL

: 2, PI 018 5/8 X00 1/2, X 2-4 00, A748, 44W, BENT, , , A
: 2, PI 015 00 X00 1/4, X 1-5 00, FA, 44W, , , , A
: 1, PI 010 00 X00 5/8, X 1-2 00, A764, 44W, , , , A
: 2, PI 015 00 X00 5/8, X 2-1 1/2, A763, 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, B747, 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, B761, 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
: 2, W36X150, X 3-11 3/4, MA, A36, CUT A743, P170, 5, , A
: 2, W36X150, X 4-2 3/4, MB, A36, CUT A743, P170, 5, , A
: 1~PL~6 1/2 x 3/16 x 9'2~FC (44W)
: 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, X8-0 00, , A
: 4, HTBOLT 1X3 1/2, , , 490, , , , , A
: 18, HT WASHER 1, , , 325, , , , , A
+FB, 86, HT WASHER 1, 325, , , A
: 1, 1F 5/16, X50-0 00, , A
: 1, 1F 3/8, X8-6 00, , A
: 2, PI 015 00 X00 1/8, X 1-5 00, FB, 44W, , , , A
: 2, 9MC25.4, X 1-10 00, G768, A36, , P218, 2, , A

BOTH FLGS
TYP
A748
C748
B748
1"R
BOTH FLGS
B748
C748

SECTION - A-A

B747
15/16 X 15/16 SLOTS
L-AD

SECTION - B-B

B761

SECTION - C-C

*DIV 4517, A4035, 1, W14X193, X 25-6 00, A36, M2E COL, P173, 16,
(W 15 1/2 X 15 3/4 X 7/8 X 193)

COL 7

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 84-153	DWG.NO. 4035
CHK'D 28 BF		DATE OCT 30/85		DETAIL: COLUMN (23RD TIER) ZONE 4			