A4011

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

1-PL-~~A763~~ W763

1-PL-~~A763~~ W763

Ø 1 1/16 HOLES (1"A490)

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

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

A768 (NS)

A748 (NS)
C748
B748

PL-B786

1-LAD (N/S)

D747 (F/S)

PL-PX (F/S)

PK (F/S)

G768 (N/S)

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)

1-L-D768 (N/S)

1-W -MA (ON C/L)

4'-11 | 4'-8 1/2 | 4'-11 (4'-0 7/8) (4'-0 7/8)

6 X 7/8 SLOT

2 1/2

Ø 1 1/16 HLS IN MA (1DIA.A490)

Ø 13 16 HLS IN B786 (1DIA.A490)

BOTH FLGS

T&B FLG.

(GA-5 1/2)

Ø 1 1/16 1DIA (A490)

5/8 RET @T&B

1 - W-MA (ON C/L)

(3-5 3/8)

1-3 1/4

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

(NORTH)

Ø 1 1/16 HOLES (1DIA.A490)

MILL

ELEV. 954'-0 (FIN. 43RD FLOOR)

3'-6

12'-9

9'3

583=1'-3

21'-6 1/2

5 1/2

4 1/2

A2691

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

2 1/2 | 9 | 2 1/2

Ø 21 4 DRILLED HOLE

W763

1-2 1/2 383=9

NO WELD 4

5 16

1-L-A768

1-PL-A748

1-PL-D747

+FB, 2, HT BOLT 7/8 X 2 3/4, 325, F., A

2-PL-B748
2-PL-C748

AD

1-PL-PX

GRIND PK TO BEAR

1'-3

W29 5/8X99

3/8 FILLS

1-MC-G768

L-D768

1-PL-PK

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

22'-9

21'-6 1/2

3'-6 7/8

21'-6 7/8

18'-5 1/8 | 8 5/8 | 17'-8 1/2

19'-0 7/8

2X 7/8 SLOTS

1-L-A768

1-PL-A748

1-PL-D747

2-PL-B748
2-PL-C748

AD

1-PL-PX

GRIND PK TO BEAR

1'-3

W29 5/8X99

3/8 FILLS

1-MC-G768

L-D768

1-PL-PK

1'-9 7/8 | 9 7/8 | 11'-0 7/8 | 10' | 8'-9 1/2

8'-9 7/8

6'-3 7/8

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

3 1/2 | 1 383=9 | 11 1/2 BOTH FLGS (TYP)

COL 5

*DIV 4517, A4034, 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 ~~13 00~~ 13 00 X00 ~~5/8~~ 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 ~~1/2~~, C748, 44W, , , , A
: 2, PI 006 1/2 X00 3/8, X 1-0 1/2, D747, 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 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

~~: 2, PI 009 00 X00 1/2, X 1-11 1/2, B786, 44W, , , , A~~

: 4 PI 009 00 X00 1/2, X 1-11 1/2, B786, 44W, , , , A
3'-0 00

: 1, 1F 1/2, X~~3'-0 00~~, , A
: 14, HTBOLT 1X3 1/4, , 490, , , , , 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, X~~1'-6 00~~ 1'-6 00, , A

: 2, PI 006 00 X00 3/4, X 1-3 00, PK, 44W, P1S-GTB, , , , A
: 2, 9MC25.4, X 1-10 00, G768, A36, , ~~P218~~, 2, , A
: 1, 6G 5/8, X3-0 00, , A
: 2, PI ~~8'-0 00~~ 8 1/2 X00 3/4, X 1-0 1/2, PX, 44W, , , , A

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

SECTION - A-A

D747
1-PL-A748
2X 15/16 SLOTS
L-AD

SECTION - B-B

PX
PK
P.P.
45°

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 MB		DATE 22AUG85	SQUAD FR	PROJECT: 7 WORLD TRADE CENTER		CONTRACT 84-153	DWG.NO. 4034
CHK'D 28 BF		DATE OCT 31/85		DETAIL: COLUMN (23RD TIER) ZONE 4			