A4073

1-PL-A764 (NS)
2-HT BOLT 1X3 (490)
2-HT WASHER 1 DIA (325)
(WRENCH TIGHT)

1-PL W763

1-PL W763

Ø 1/16 HOLES (1"A490)

MILL

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

4'-8 1/2

4'-4 7/8

A768 (NS)

B739

A739 (NS)

C739

C739

PL-B786

B760 (F/S)

1-LAD (N/S)

L-A760 (F/S)

583=1'-3

583=1'-3

21'-6 1/2

22'-0

4 3'-6

12'-9

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

1-PL PX

G768 (N/S)

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

1-W -MB (ON C/L)
(CUT WITH MA A4077)

4'-1

3'-9 3/8

18'-0 (RE PX)

1-L-H768 (N/S)

6 X 7/8 SLOT

4'-11

4'-7 3/8

2 1/2

4'-8 1/2

4'-4 7/8

2 1/2

(4'-1 3/16)

(3'-9 9/16)

HLS IN MA (1DIA.A490)

HLS IN B786 (1DIA.A490)

A768 (NS)

T&B FLG

BOTH FLGS

BOTH FLGS

B739

A739 (NS)

C739

C739

T&B FLG.

PL-B786

(GA-5 1/2)

(GA-5 1/2)

1-LAD (N/S)

B760 (F/S)

L-A760 (F/S)

1DIA (A490)

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

1-PL PX

(1DIA.A490)

(GA-5 1/2)

(GA-5 1/2)

G768 (N/S)

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

1 - W-MB (ON C/L)
(CUT WITH MA A4077)

5/8RET @T&B

5'-3 1/2 (RE PX)

1-L-H768 (N/S)

(3'-5 11/16)

(3'-2 1/16)

6 X 7/8 SLOT

1-2 5/8

203=6

8

203=6

4'-1

3'-9 3/8

203=6

2-FILL PL-FA
2-HT BOLT 1X3 (490)
2-HT WASHER 1 DIA (325)
(WRENCH TIGHT)

(SOUTH)

MILL

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

3'-6

HOLES (1DIA.A490)

1-FILL PL FB (NS)

A2702

1-3 1/8 MINUS 1/16 0

+FB, 20, HT BOLT 1X 3 3/4, 490, F, , A
+FB, 10, HT BOLT 1X 3 1/4, 490, F, , A (WEB)

+FB, 16, HT BOLT 1X 3 1/2, 490, F, , A
+FB, 10, HT BOLT 1X 3, 490, F, , A

2 9

Ø 2 1/4 DRILLED HOLE

4 1/2

W763

1-2 1/2 (383=9)

NO WELD 4

5/16

1-L-A768

1-PL-A739

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

1-PL-B760

1'-9 7/8

9 7/8

23'-9 7/8

22'-9 7/8

2-PL-B739
2-PL-C739

3/8 FILLS

5 1/2

AD

21'-6 1/2

3'-6 7/8

5/16 3 3

21'-6 7/8

W23 5/8X55

8

19'-6 7/8

1-L-A760

1-MC-G768

PX

W-MB

18'-5 1/8

8 5/8

L-H768

17'-8 1/2

1-L-A768

2X 7/8 SLOTS

3

1-PL-A739

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

1-PL-B760

1'-9 7/8

9 7/8

11'-0 7/8

10'-0 7/8

2-PL-B739
2-PL-C739

3/8 FILLS

5 1/2

AD

8'-9 1/2

3'-6 7/8

5/16 3 3

8'-9 7/8

W23 5/8X55

2X 7/8 SLOTS

4 1/2

8

6'-9 7/8

1-L-A760

1-MC-G768

PX

W-MB

5'-8 1/8

8 5/8

L-H768

4'-11 1/2

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

FA

Ø 1/16 HOLES (1DIA.A490)

3 1/2 (383=9) 4

9

BOTH FLGS (TYP)

COL 31

*DIV 4501, A4002, 1, W14X132, X 25-6 00, A36, M2E COL, P173, 7, (W 14 5/8 X 14 3/4 X 5/8 X 132)

BOTH FLGS

A739
C739
B739

1'-1

B739
C739

BOTH FLGS

SECTION - A-A

12
2 1/2
2
C
6 13/16
9/16
B760
SLOTS 15/16 X 2 5/8
4
6 1/4
4 1/4
L-AD
1/2
FULL LENGTH PL PX
3/8
30°

SECTION - B-B

12
2 1/2
2
C
6 13/16
9/16
A760
15/16
2 3/4
5/8
7
5/16
1/2
PX

SECTION-C-C

MATERIAL

13x3/4
: 1, PI 010 00 X00 5/8, X 1-2 00, A764, 44W, , , , A
: 2, PI [illegible] X00 [illegible], X 2-1 1/2, W763, 44W, , , , A
: 2, PI 006 1/2 X00 3/8, X 1-0 1/2, B760, 44W, , , , A
: 4, PI 009 00 X00 1/2, X 1-11 1/2, B786, 44W, , , , A
: 4, PI 008 1/2 X00 1/2, X 1-6 1/2, A787, 44W, , , , A
: 2, PI 019 1/4 X00 1/2, X 2-4 00, A739, 44W, BENT, , , A
: 4, PI 006 1/2 X00 3/8, X 0-6 3/4, B739, 44W, , , , A
: [illegible]
11 5/8
: 2, PI [illegible] X00 3/8, X 4-0 [illegible], PX[illegible], 44W, P2EDGES, , , A
: 4, PI 006 1/2 X00 3/8, X 1-0 1/4, C739, 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, A760, 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 1-3 1/2, H768, 44W, , , , A
: 2, SMC25.4, X 1-10 00, G768, A36, , [illegible], 2, , A
P218

A740
: 2, W36X135, X 4-3 3/16, MA, A36, CUT [illegible], P170, 19, , A
: 2, W36X135, X 3-11 9/16, MB, A36, CUT A740, P170, 19, , A
14: [illegible], HTBOLT 1X 3, , , 490, , , , , A
4: [illegible], HTBOLT 1X 3 1/4, , , 490, , , , , A
[illegible]

20
: 1, 1F 3/16, X [illegible]-0 00, , A
: 1, 1F 1/2, X 3-6 00, , A
: 1, 1F 5/16, X 46-0 00, , A
: 1, 1F 3/8, X [illegible], A
3G 10.0 : 1, [illegible], X 16-0 00, , A
+FB, 86, HT WASHER 1, 325, , , A
: 18, HT WASHER 1, , , 325, , , , , A
: 1, PI 006 1/2 x 00 1/8 x 0-9 1/2, FB, 44W, , A
: 4, PI 013 00 X00 1/8 x 1-5, FA, 44W, , A

SHOP NOTES
MATERIAL 640.21-44W U/N
E70 SERIES ELECTRODES
REF.DWGS.E44, E45, 9128, 9172, E118A, CW-2, 9178
E118

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 AUG. 85	SQUAD FR	PROJECT: 7 WORLD TRADE CENTER		CONTRACT 84-153	DWG. 400
CHK'D 28 BF		DATE Nov.5/85		DETAIL: COLUMN (23RD TIER) ZONE 4			