A1908

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

HOLES (1"A490)

1-PL-D763

1-PL-D763

MILL

+FB, 28, HT BOLT 1X 3 3/4, 490, F., A

+FB, 10, HT BOLT 1X 3 1/2, 490, F., A (WEB)

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

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

A768 (NS)

A789 (NS)

B789 | B789

PL-A786

1-LAD (N/S)

C765 (F/S)

L-C769 (F/S)

G768 (N/S)

3'-10 | 3'-10

1-W -MB (ON C/L) (CUT WITH MA1747)

1-L-D768 (N/S)

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

1-W MA (ON C/L)
2-PL-A786 (ON C/L)
4-HT BOLT 1X3 3/4 (490)
4-HT WASHER 1 (325)
(SHIP BACK BOLTED)
(WRENCH TIGHT)

4'-11 | 6 X 7/8 SLOT | 4'-11
4'-8 1/2 | 4'-8 1/2
(3'-11 9/16) | (3'-11 9/16)

HLS IN MA (1DIA.A490)

HLS IN A786 (1DIA.A490)

BOTH FLGS

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

A768 (NS)

A789 (NS)

B789 | B789

P.P. T&B FLG

2 P. T&B FLG.

PL-A786

(GA-5 1/2) | (GA-5 1/2)

1-LAD (N/S)

C765 (F/S)

L-C769 (F/S)

1DIA (A490)

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

1-W MA (ON C/L)
2-PL-A786 (ON C/L)
4-HT BOLT 1X3 3/4 (490)
4-HT WASHER 1 (325)
(SHIP BACK BOLTED)
(WRENCH TIGHT)

1 - W-MB (ON C/L) (CUT WITH MA1747)

5/8 RET @T&B

+FB, 28, HT BOLT 1X 3 3/4, 490, F., A

+FB, 10, HT BOLT 1X 3 1/2, 490, F., A (WEB)

1-L-D768 (N/S)

(3-1 1/16) | (3-1 1/16)

6 X 7/8 SLOT

1-5 7/8

303=9 | 8 | 303=9 | 3'-10 | 3'-10 | 303=9

2-FILL-PL-FA
4-HT BOLT 1X ~~3~~ 4 1/2 (490)
4-HT WASHER 1 (325)
(WRENCH TIGHT)

PL-FA

(NORTH)

MILL

HOLES (1DIA.A490)

1'-6 1/8

PLUG 0 -1/16

A1739

+FB, 32, HT BOLT 1X ~~3~~ 4 1/2 490, F., A

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

1 3/4 | 11 1/2 | 5 3/4

DRILLED HOLE

PL- D763

NO WELD

1-L-A768

1-PL-A789

1-PL-C765

2-PL-B789

AD

1-L-C769

+FB, 2, HT BOLT 3/4 X 2 1/2, 325, F., A

1-MC-G768

L-D768

1-L-A768

2X 7/8 SLOTS

1-PL-A789

1-PL-C765

2-PL-B789

AD

1-L-C769

+FB, 2, HT BOLT 3/4 X 2 1/2, 325, F., A

1-MC-G768

L-D768

HOLES (1DIA.A490)

FILL-PL-FA

3 | 6 | 3 BOTH FLGS (TYP)

ELEV. 704'-0 (FIN. 31ST FLOOR)

ELEV. 688'-3 (FIN. 30TH FLOOR)

ELEV. 675'-6 (FIN. 29TH FLOOR)

3'-6 | 9'3 | 12'-9 | 12'-9 | 3'-6

22'-0

21'-6 1/2

8'-9 1/2

583=1'-3

18'-5 1/8

17'-8 1/2

4'-11 1/2

5'-8 1/8

10'-0 7/8

1'-9 7/8

9 7/8

23'-9 7/8

22'-9 7/8

3'-6 7/8

8'-9 7/8

21'-6 7/8

20'-6 3/8

7'-9 3/8

W12 1/8X19

3/8 FILLS

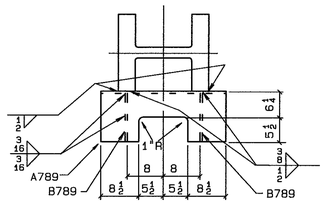
COL 13

*DIV 3116, A1844, 1, W14X370, X 25-6 00, A36, M2E COL, P88, 15,

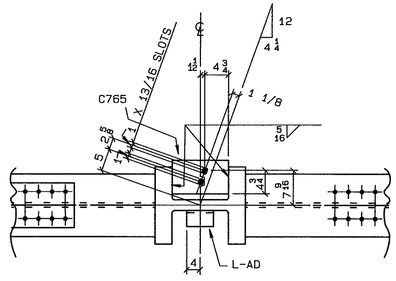
(W 17 7/8 X 16 1/2 X 1 5/8 X 370)

MATERIAL

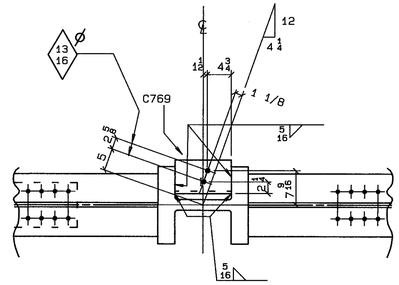
: 2, PI 010 00 X00 5/8, X 1-2 00, A764, 44W, , , , A
: 2, PI 015 ~~3~~ 4 1/2 X00 3/4, X 3-7 1/2, D763, 44W, , , , A
: 4, PI 006 1/2 X00 3/8, X 0-11 1/4, B789, 44W, , , , A
: 2, PI 018 1/4 X00 1/2, X 2-4 00, A789, 44W, BENT, , , A
: 2, PI 006 1/2 X00 3/8, X 1-0 1/2, C765, 44W, , , , A
: 2, PI 015 1/2 X00 1/8, X 1-4 1/2 FA, 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, C769, 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, W36X210, X 4-1 9/16, MA, A36, PIE CUT A754, P136, 4, , A
: 2, W36X210, X 4-1 9/16, MB, A36, PIE CUT B755, P136, 5, , A
: 2, 9MC25.4, X 1-10 00, G768, A36, , P217, 2, , A
: 4, PI 009 00 X00 3/4, X 2-5 1/2, A786, 44W, , , , A
: 8, HTBOLT 1X3 3/4, , , 490, , , , A
6 : ~~4~~ 4 1/2, HTBOLT 1X~~3~~4 1/2, , , 490, , , , A
: 4, HTBOLT 1X3 1/2, , , 490, , , , A
: 18, HT WASHER 1, , , 325, , , , A
+FB, 118, HT WASHER 1, 325, , , A
: 1, 1F 3/16, X12-0 00, , A
: 1, 1F 5/16, X42-0 00, , A
: 1, 1F 1/2, X6-0 00, , A
: 1, 6G 3/4, X12-0 00, , A
: 1, 1F 3/8, X3-0 00, , A



SECTION - A-A



SECTION - B-B



SECTION - C-C

SHOP NOTES
MATERIAL G40.21-44W U/N
E70 SERIES ELECTRODES
REF.DWGS.E30, E31, 9118, E118A, CW2, ~~9155~~ 9155, E118

Aug 27/85

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 4JULY85	SQUAD FR	PROJECT: 7 WORLD TRADE CENTER		CONTRACT	DWG.NO.
CHK'D 28 JIM		DATE AUG26/85		DETAIL: COLUMN (16TH TIER) ZONE 3		84-152	1844