A1850

2-PL-B764
2-HT BOLT 1X 4 1/2 (490)
2-HT WASHER 1 DIA (325)
(WRENCH TIGHT)

1-PL B763

1-PL B763

HOLES (1"A490)

MILL

ELEV. 701'-0 (FIN. 31ST FLOOR)

3'-6

22'-0

12'-9

5'-10 13/16

4'-8 1/2

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

A768 (NS)

A789 (NS)

B789

B789

A

B

PL-A786

4 1/2

5 1/2

21'-6 1/2

583=1'-3

1-LAD (N/S)

B770 (F/S)

L-A770 (F/S)

C

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

G768 (N/S)

5 5/8

5-0 5/16

3'-10

1-W -MB (ON C/L)

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)

2 1/2

1-L-D768 (N/S)

4 3

6 X 7/8 SLOT

6'-1 5/16

4'-11

2 1/2

5'-10 13/16

4'-8 1/2

2 1/2

5

(5'-1 7/8)

(3'-11 9/16)

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

A768 (NS)

BOTH FLGS

T&B FLG P.P.

BOTH FLGS

1 1/2

A789 (NS)

B789

B789

P.P. T&B FLG.

PL-A786

(GA-5 1/2)

4 1/2

5 1/2

8'-9 1/2

583=1'-3

1-LAD (N/S)

B770 (F/S)

L-A770 (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)

(1DIA.A490)

(GA-5 1/2)

G768 (N/S)

1 - W -MB (ON C/L)

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)

5/8RET @T&B

2 1/2

1-L-D768 (N/S)

(4-3 3/8)

(3'-1 1/16)

6 X 7/8 SLOT

1-5 7/8

303=9 8 303=9 5-0 5/16 3'-10 303=9

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

9'3

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

3'-6

MILL

(SOUTH)

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

HOLES (1DIA.A490)

2-FILL PL-FB

A1768

*FB, 28, HT BOLT 1X 3 3/4, , 490, F, , A
*FB, 2, HT BOLT 1X 3 1/2, 490, F, , A (WEB)
*FB, 8, HT BOLT 1X 4, 490, F, , A

*FB, 28, HT BOLT 1X 3 3/4, 490, F, , A
*FB, 2, HT BOLT 1X 3 1/2, 490, F, , A (WEB)
*FB, 8, HT BOLT 1X 4, 490, F, , A

*FB, 20, HT BOLT 1X 5 1/4, 490, F, , A
*FB, 6, HT BOLT 1X 4 3/4, 490, F, , A

1 11 1/2

5 3/4

DRILLED HOLE

B763

NO WELD

1-5 1/2

483=1-0

1'-9 7/8

9 7/8

23 1/2

1-L-A768

1-PL-A789

2-PL-B789

AD

3'-6 7/8

21'-6 1/2

1-L-A770

1-MC-G768

L-D768

18'-5 1/8

8 5/8

17'-8 1/2

*FB, 2, HT BOLT 7/8 X 2 3/4, 325, F, , A
1-PL-B770

3/8 FILLS

5 1/2

21'-6 7/8

W20 5/8X44

8

19'-9 7/8

*FB, 2, HT BOLT 7/8 X 2 3/4, 325, F, , A
W-MB

2X 7/8 SLOTS

1-L-A768

1-PL-A789

10'-0 7/8

2-PL-B789

AD

8'-9 1/2

2X 7/8 SLOTS

1-L-A770

1-MC-G768

L-D768

5'-8 1/8

8 5/8

4'-11 1/2

*FB, 2, HT BOLT 7/8 X 2 3/4, 325, F, , A
1-PL-B770

3/8 FILLS

5 1/2

8'-9 7/8

W20 5/8X44

8

7'-0 7/8

*FB, 2, HT BOLT 7/8 X 2 3/4, 325, F, , A
W-MB

HOLES (1DIA.A490)

3 1/2

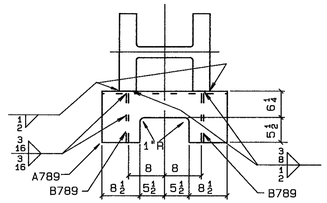
11 1/2 BOTH FLGS (TYP)

COL 29

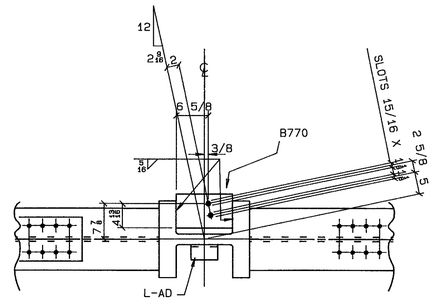
*DIV 3101, A1770, 1, W14X370, X 25-6 00, A36, M2E COL, P88, 15, (W 17 7/8 X 16 1/2 X 1 5/8 X 370)

MATERIAL

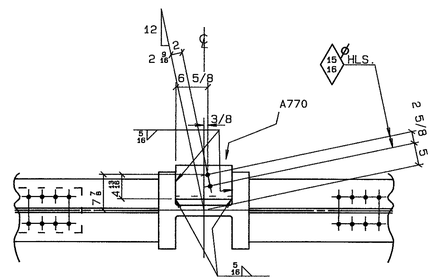
: 2, PI 010 00 X00 5/8, X 1-2 00, A764, 44W, , , , A
: 2, PI 015 00 X00 5/8, X 2-7 1/2, B763, 44W, , , , A
: 2, PI 006 1/2 X00 3/8, X 1-0 1/2, B770, 44W, , , , A
: 4, PI 009 00 X00 3/4, X 2-5 1/2, A786, 44W, , , , A
: 4, PI 008 1/2 X00 1/2, X 1-6 1/2, A787, 44W, , , , A
: 2, PI 018 1/4 X00 1/2, X 2-4 00, A789, 44W, BENT, , , , A
: 4, PI 006 1/2 X00 3/8, X 0-11 1/4, B789, 44W, , , , A
: 2, PI 015 00 X00 1/8, X 1-7 1/2, FA , 44W, , , , A
: 2, PI 015 00 X00 3/16, X 1-7 1/2, FC , 44W, , , , A
: 2, PI 006 1/2 X00 1/8, X 0-9 1/2, FB , 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, A770, 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, 9MC25.4, X 1-10 00, G768, A36, , P217, 2, , A
: 2, W36X194, X 5-3 7/8, MA, A36, P1E CUT B758, P136, 13, , A
: 2, W36X194, X 4-1 9/16, MB, A36, P1E CUT A758, P136, 14, , A
: 4, HTBOLT 1X 3 1/2, , , 490, , , , , A
: 2, HTBOLT 1X 4 1/2, , , 490, , , , , A
: 8, HTBOLT 1X 3 3/4, , , 490, , , , , A
: 4, HTBOLT 1X 4 3/4, , , 490, , , , , A
: 1, 1F 3/16, X 12-0 00, , A
: 1, 1F 1/2, X 3-6 00, , A
: 1, 1F 5/16, X 40-0 00, , A
: 1, 6G 7/8, X 48-0 00, , A
: 1, 6G 1/2 X 4-0 00, A
+FB, 102, HT WASHER 1, 325, , , A
: 14, HT WASHER 1, , , 325, , , , 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, 9124, 9155, E118A, CW-2
E118

aug 31/85

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 JUNE 85	SQUAD FR	PROJECT: 7 WORLD TRADE CENTER		CONTRACT 84-152	DWG.NO. 1770
CHK'D 28		DATE		DETAIL: COLUMN (16TH TIER) ZONE 3			