A1940

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

HOLES (1"A490)

1-PL A763

1-PL A763

MILL

ELEV. 777'-6 (FIN. 37TH FLOOR)

22'-0

3'-6

+FB, 28, HT BOLT 1X 3 1/2, 490, F, , A

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

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

1-L-D768 (N/S)

PL-A786

1-LAD (N/S)

B770 (F/S)

L-A770 (F/S)

1-L-D768 (N/S)

1-W -MA (ON C/L)

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

1-L-D768 (N/S)

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

6 X 7/8 SLOT

4'-11 4'-11

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

2 1/2 2 1/2

(3'-11 9/16) (3'-11 9/16)

HLS IN MA (1DIA.A490)

HLS IN A786 (1DIA.A490)

1-L-D768 (N/S)

PL-A786

(GA-5 1/2)

1-LAD (N/S)

B770 (F/S)

T&B FLG.

(GA-5 1/2)

1DIA (A490)

L-A770 (F/S)

1DIA (A490)

(GA-5 1/2)

1-L-D768 (N/S)

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

1 - W-MA (ON C/L)

5/8 RET @T&B

+FB, 28, HT BOLT 1X 3 1/2, 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=0'-9 8 303=0'-9 3'-10 3'-10 303=0'-9

(SOUTH)

HOLES (1DIA.A490)

MILL

ELEV. 752'-0 (FIN. 35TH FLOOR)

3'-6

A1898

+FB, 16, HT BOLT 1X 5 , 490, F, , A

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

DRILLED HOLE

A763

NO WELD 4

BOTH FLANGES

L-D768

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

1-PL-B770

3/8 FILLS

DRILLED HOLE

1-PL PAB

AD

W23 5/8X55

1-L-A770

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

L-D768

L-D768

L-D768

L-D768

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

1-PL-B770

3/8 FILLS

AD

W23 5/8X55

1-L-A770

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

L-D768

L-D768

HOLES (1DIA.A490)

11 1/2 BOTH FLGS (TYP)

COL 34

*DIV 3707, A1935, 1, W14X370, X 25-6 00, A36, M2E COL, P88, 15,
(W 17 7/8 X 16 1/2 X 1 5/8 @ 370)

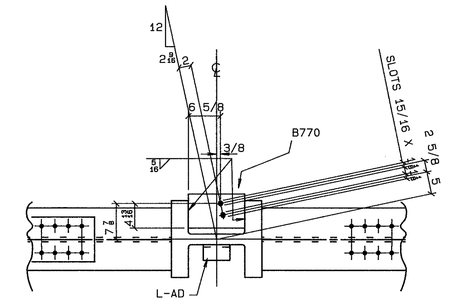
MATERIAL

: 1, PI 010 00 X00 5/8, X 1-2 00, A764, 44W, , , , A
: 2, PI 015 00 X00 5/8, X 2-01 1/2, A763, 44W, , , , A
: 4, PI 009 00 X00 3/4, X 2-05 1/2, A786, 44W, , , , A

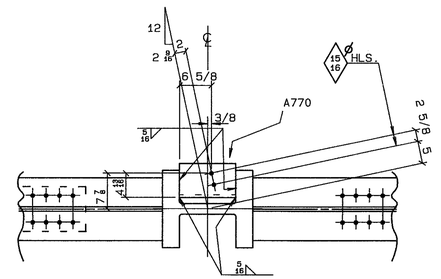
: 2, PI 006 1/2 X00 3/8, X 1-0 1/2, B770, 44W, , , , A
: 4, PI 008 1/2 X00 1/2, X 1-6 1/2, A787, 44W, , , , A
: 1, PI 012 1/2 X01 3/4, X 1-1 00 , PAB, 44W, , , , A
: 2, L 8 X 6 X 3/4, X 1-0 1/2, A770, 44W, , , , A
: 6, L 4 X 3 X 3/8, X 1-2 00, D768, 44W, , , , A
: 2, L 3 X 3 X 3/8, X 0-8 00, AD, 44W, , , , A
: 4, W36X170, X 4-1 9/16, MA, A36, CUT A759, P137, 6, , A

: 2, HT BOLT 1X 4 , , , 490, , , , , A
: 12, HT BOLT 1X 3 1/2, , , 490, , , , , A
: 14, HT WASHER 1, , , 325, , , , , A
+FB, 102, HT WASHER 1, 325, , , A

: 1, 1F 5/16, X 16-4 00, , A
: 1, 1F 5/8, X 14-8 00, , A
: 1, 1F 3/8, X01-8 00, , A
~~: 4, 1F 3/8, X 00-8 00, , A~~



SECTION - B-B



SECTION-C-C

SHOP NOTES
MATERIAL G40.21-44W U/N
E70 SERIES ELECTRODES
REF.DWGS.E36, E37, 9126, E118A, CW2, 9155, E118

Sept 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		
V	1	DATE	BY	FINISH	NONE	220 ATTWELL DRIVE, UNIT 1, REXDALE, ONTARIO M9W 5B2	
MADE 27 R.J.		DATE 9JUL85	SQUAD FR	PROJECT: 7 WORLD TRADE CENTER		CONTRACT	DWG.NO.
CHK'D 28 SKIP		DATE AUG/85		DETAIL: COLUMN (19TH TIER) ZONE 3		84-152	1935