A1899

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

1-PL A763

1-PL A763

Ø 1 1/16 HOLES (1"A490)

MILL

+FB, 28, HT BOLT 1X 3 3/4, 490, F., A
+FB, 2, HT BOLT 1X 3 1/2, 490, F., A (WEB)
+FB, 6, HT BOLT 1X 4, 490, F., A

5'-0 1/8

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 -MB (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-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-L-D768 (N/S)

3'-10

3'-10

X 7/8 SLOT

5'-2 5/8

5'-0 1/8

4'-8 1/2

4'-11

(4'-3 3/16)

(3'-11 9/16)

Ø 1 1/16 HLS IN MA (1DIA.A490)

Ø 3 1/16 HLS IN A786 (1DIA.A490)

1-L-D768 (N/S)

P.P. T&B FLG.

PL-A786

(GA-5 1/2)

1-LAD (N/S)

B770 (F/S)

Ø 1 1/16 1DIA (A490)

L-A770 (F/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) (Cut With MB 1831)
2-PL-A786 (ON C/L)
4-HT BOLT 1X3 3/4 (490)
4-HT WASHER 1 (325)
(SHIP BACK BOLTED)
(WRENCH TIGHT)

+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

1-L-D768 (N/S)

1-1-D768 (N/S)

1 - W-MB (ON C/L)

5/8 RET @T&B

(3-4 11/16)

(3-1 1/16)

X 7/8 SLOT

1-5 7/8

303=0'-9

8

303=0'-9

4'-1 5/8

3'-10

303=0'-9

(SOUTH)

Ø 1 1/16 HOLES (1DIA.A490)

A1840

+FB, 20, HT BOLT 1X 5 , 490, F., A
+FB, 6, HT BOLT 1X 4 1/2, 490, F., A

ELEV. 726'-6 (FIN. 33RD FLOOR)

ELEV. 713'-9 (FIN. 32ND FLOOR)

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

3'-6

22'-0

5 1/2

4 1/2

21'-6 1/2

583=1'-3

9'3

8'-9 1/2

12'-9

3'-6

Ø 2 1/4 DRILLED HOLE

5 3/4

11 1/2

35

303=9

32

1-2 1/2

NO WELD 4

5/16

L-D768

1'-1 7/8

23'-1 7/8

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

1-PL-B770

3/8 FILLS

5 1/2

AD

21'-6 1/2

3'-6 7/8

21'-6 7/8

W23 5/8X55

8

19'-6 7/8

1-L-A770

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

18'-5 1/8

8 5/8

L-D768

4

L-D768

17'-8 1/2

L-D768

1'-1 7/8

10'-4 7/8

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

1-PL-B770

3/8 FILLS

5 1/2

AD

8'-9 1/2

3'-6 7/8

8'-9 7/8

W23 5/8X55

8

6'-9 7/8

1-L-A770

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

5'-8 1/8

8 5/8

L-D768

4

L-D768

4'-11 1/2

Ø 1 1/16 HOLES (1DIA.A490)

1483=1-0

3 1/2

11 1/2 BOTH FLGS (TYP)

COL 32

*DIV-3301, A1887, 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

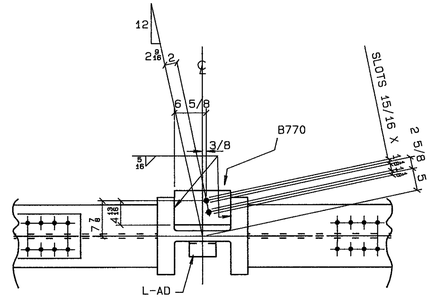
: 1, PI 010 00 X00 5/8, X 1-2 00, A764, 44W, , , , A
: 2, PI 015 00 X00 5/8, X 2-01 1/2, A763, 44W, , , , A
: 4, PI 009 00 X00 3/4, X 2-05 1/2, A786, 44W, , , , A

: 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

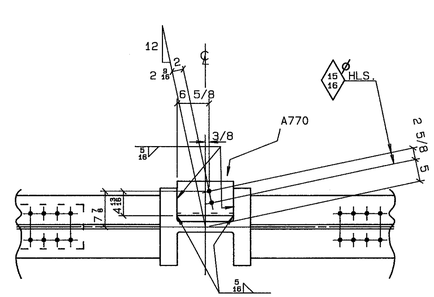
: 2, L 8 X 6 X 3/4, X 1-0 1/2, A770, 44W, , , , A
: 6, L 4 X 3 X 3/8, X 1-2 00, D768, 44W, , , , A
: 2, L 3 X 3 X 3/8, X 0-8 00, AD, 44W, , , , A
: 2, W36X194, X 4-1 9/16, MB, A36, PIE CUT A758, P136, 14, , A
: 2, W36X194, X 4-5 3/16, MA, A36, PIE CUT A758, P136, 14, , A (CUT WITH MB 1831)

: 4, HTBOLT 1X3 1/2, , , 490, , , , , A
: 2, HTBOLT 1X4 , , , 490, , , , , A
: 8, HTBOLT 1X3 3/4, , , 490, , , , , A
: 14, HT WASHER 1, , , 325, , , , , A
+FB, 10, HT WASHER 1, 325, , , A

: 1, 1F 5/16, X 53-4 00, , A
: 1, 6G 3/4 , X 8-0 00, , A



SECTION - B-B



SECTION-C-C

SHOP NOTES
MATERIAL 640.21-44W U/N
E70 SERIES ELECTRODES
REF.DWGS.E32, E33, 9124, E118A, CW2, 9155, E118

Aug 26/85
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	R.J.	DATE 4JUL85	SQUAD FR	PROJECT: 7 WORLD TRADE CENTER		CONTRACT 84-152	DWG.NO. 1887
CHK'D 28	SKIP	DATE 4/8/85		DETAIL: COLUMN (17TH TIER) ZONE 3			