A1848

1'-6 + 1/16

2-PL-A764
2-HT BOLT 1X4 1/2 (490)
2-HT WASHER 1 DIA (325)
(WRENCH TIGHT)

HOLES (1"A490)

1-PL-D763

1-PL-D763

MILL

3'-6

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

22'-0

+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'-11 1/2

4-1 7/16

(3-4 1/2)

1-L-D768 (N/S)

PL-A786

1-LAD (N/S)

E765 (F/S)

L-B769 (F/S)

1-L-AF1336

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 -MB (ON C/L)
(CUT WITH MA1750)

1-L-D768 (N/S)

3'-10

4'-1

12'-9

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)

6 X 7/8 SLOT

4'-11

4'-8 1/2

5'-2

4'-11 1/2

2 1/2

(3'-11 9/16)

(4'-2 9/16)

HLS IN MA (1DIA.A490)

HLS IN A786 (1DIA.A490)

1 1/2

1-L-D768 (N/S)

PL-A786

P.P. T&B FLG

(GA-5 1/2)

1-LAD (N/S)

E765 (F/S)

L-B769 (F/S)

1-L-AF1336 (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 MA1750)

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)

(3-4 1/16)

6 X 7/8 SLOT

1-5 7/8

303=9 8 303=9 3'-10 4'-1 303=9

B-FILL-PL-FA

(NORTH)

MILL

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

3'-6

HOLES (1DIA.A490)

1'-6 1/8 + 0 - 1/16

A1733

+FB, 32, HT BOLT 1X 4 490, 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

1-11 1/2

3 1/2

NO WELD

5/16 EFFECTIVE

+FB, 4, HT BOLT 7/8 X 2 1/2, 325, F., A

L-D768

1'-1 7/8

23'-1 7/8

+FB, 2, HT BOLT 7/8 X 2 1/2, 325, F., A

1-PL-E765

3/8 FILLS

AD

21'-6 1/2

21'-6 7/8

W17 3/4X35

3'-6 7/8

20'-0 3/4

1-L-B769

+FB, 2, HT BOLT 7/8 X 2 1/2, 325, F., A

18'-5 1/8

8 5/8

L-D768

17'-8 1/2

L-D768

+FB, 4, HT BOLT 7/8 X 2 1/2, 325, F., A

L-D768

1'-1 7/8

10'-4 7/8

+FB, 2, HT BOLT 7/8 X 2 1/2, 325, F., A

1-PL-E765

3/8 FILLS

AD

8'-9 1/2

8'-9 7/8

W17 3/4X35

3'-6 7/8

7'-3 3/4

1-L-B769

+FB, 2, HT BOLT 7/8 X 2 1/2, 325, F., A

5'-8 1/8

6 5/8

L-D768

4'-11 1/2

L-D768

HOLES (1DIA.A490)

FILL-PL-FA

3 1/2

3 6 3 BOTH FLGS (TYP)

COL 6

*DIV 3117, A1743, 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 X00 3/4, X 3-7 1/2, D763, 44W, ... A
: 2, PI 012 1/2 X00 1/8, X 1-3 1/2 FA, 44W, ... A

: 2, PI 006 1/2 X00 3/8, X 1-0 1/2, E765, 44W, ... A

: 4, PI 008 1/2 X00 1/2, X 1-6 1/2, A787, 44W, ... A
: 2, L 6 X 6 X 3/4, X 0-6 00, AF1336, 44W, ... A
: 2, L 8 X 6 X 3/4, X 1-0 1/2, B769, 44W, ... A
: 2, L 3 X 3 X 3/8, X 0-8 00, AD, 44W, ... A
: 6, 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 4-4 9/16, MB, A36, PIE CUT A754, P136, 4, . A

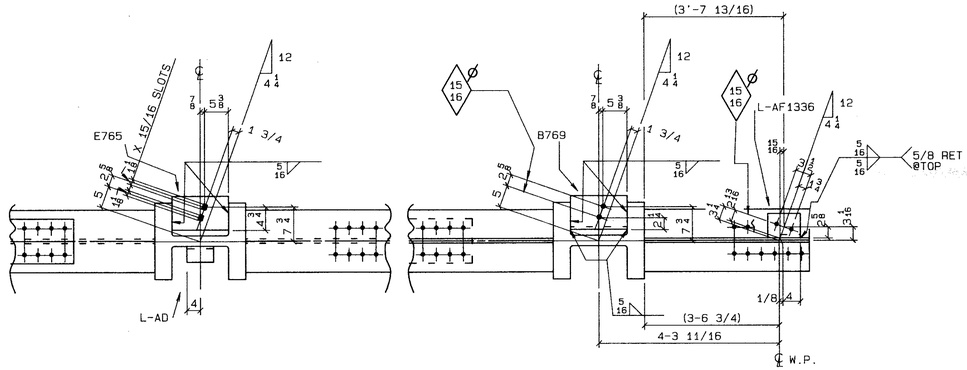
: 4, PI 009 00 X00 3/4, X 2-5 1/2, A786, 44W, ... A
: 8, HTBOLT 1X3 3/4, . . 490, ... A
: 4, HTBOLT 1X4 1/2 490, ...
: 2, HTBOLT 1X4 1/2, . . 490, ... A
: 4, HTBOLT 1X3 1/2, . . 490, ... A

: 18, HT WASHER 1, . . 325, ... A
+FB, 118, HT WASHER 1, 325, . . A

: 1, 1F 5/16, X42-0 00, . A

: 1, 6G 7/8, X12-0 00, . A

: 1, 1F 3/8, X7-0 00, . A



SECTION - B-B

SECTION - C-C

SHOP NOTES
MATERIAL G40.21-44W U/N
E70 SERIES ELECTRODES
REF. DWGS. E30, E31, 9118, E118A, ~~E118~~, E118
Aug 27/85
CW2, 9155

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 3JUL85	SQUAD FR	PROJECT: 7 WORLD TRADE CENTER		CONTRACT 84-152	DWG.NO. 1743
CHK'D 28 JIM		DATE AUG26/85		DETAIL: COLUMN (16TH TIER) ZONE 3			