A4158

1-PL-A764 (N/S)
2-HT BOLT 1X2 3/4 (490)
2-HT WASHER 1 DIA (325)
(WRENCH TIGHT)
1-PL-W763

Ø 1 1/16 HOLES (1"A490)

1-PL-W763

MILL

+FB, 20, HT BOLT 1X 3, 490, F, , A
+FB, 8, HT BOLT 1X 3 1/4, 490, F, , A (WEB)

5'-10 13/16 | 4'-8 1/2

ELEV. 906'-6 (FIN. 47TH FLOOR)
23'-6
12'-9

A768 (NS) 1-1 1/4 1-1 1/4 BOTH FLG'S

PL-B786

4 1/2 | 5 1/2 | 23'-0 1/2 | 403=1'-0

1-LAD (N/S)

Ø 15/16

6 | 22 1/2 | 6

C739 B739
A739 (NS)
C739
B739
A768 (NS) 1-1 1/4 1-1 1/4

1-W -MB (ON C/L)

2-PL-B787
2-HT BOLT 1X 3 1/4 (490)
2-HT WASHER 1 (325)
(SHIP BACK BOLTED)
(WRENCH TIGHT)

1-W MA (ON C/L)
2-PL-B786 (ON C/L)
4-HT BOLT 1X3 (490)
4-HT WASHER 1 (325)
(SHIP BACK BOLTED)
(WRENCH TIGHT)

5'-3 5/16 | 4'-1

6'-1 5/16 (5'-3 5/8) | 4'-11 (4'-1 5/16) | 2 1/2

Ø 1 1/16 HLS IN MA (1DIA.A490)
Ø 13/16 HLS IN B786 (1DIA.A490)

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

1 1/2

ELEV. 893'-9 (FIN. 46TH FLOOR)
10'-9

A768 (NS) 1-1 1/4 1-1 1/4 BOTH FLG'S 5/16 5/16 T&B FLG.

PL-B786

(GA-5 1/2)

4 1/2 | 5 1/2 | 10'-3 1/2 | 403=1'-0

1-LAD (N/S)

6 | 9-1.5 | 6 | M13 7/8X236 WEB

Ø 15/16

Ø 1 1/16 1DIA (A490)

18 | 18

2-PL-B787
2-HT BOLT 1X 3 1/4 (490)
2-HT WASHER 1 (325)
(SHIP BACK BOLTED)
(WRENCH TIGHT)

(GA-5 1/2)

C739 B739
A739 (NS)
C739
B739
A768 (NS) 1-1 1/4 1-1 1/4

1 - W-MB (ON C/L)

1-W MA (ON C/L)
2-PL-B786 (ON C/L)
4-HT BOLT 1X3 (490)
4-HT WASHER 1 (325)
(SHIP BACK BOLTED)
(WRENCH TIGHT)

+FB, 20, HT BOLT 1X 3, 490, F, , A
&
+FB, 8, HT BOLT 1X 3 1/4, 490, F, , A (WEB)
+FB, 6, HT BOLT 1 X 3 3/4, 490, F, , A

14'-3

(4-8 1/8) | (3-5 13/16)

7/8 | 1-2 3/8

283=6 | 8 | 283=6 | 5'-3 5/16 | 4'-1 | 283=6

MILL

(SOUTH)

ELEV. 879'-6 (FIN. 45TH FLOOR)
3'-6

Ø 1 1/16 HOLES (1DIA.A490)

(4 3/8) 3 3

A4001

+FB, 16, HT BOLT 1X 3 1/4, 490, F, , A
+FB, 4, HT BOLT 1X 3, 490, F, , A
+FB, 8, HT BOLT 1X 2 3/4, 490, F, , A

2 9

Ø 2 1/2 DRILLED HOLE

4 1/2 | 3 1/2 | 1-2 1/2 | 383=9

W763

NO WELD 4

5/16

2X 7/8 SLOTS

1-L-A768 | 3 | 5 1/2 | 3 7/8 | 23'-9 7/8 | 23'-0 1/2 | AD | 3 3

1-PL-B760

3/8 FILLS | 5 1/2 | 3/8 | 23'-0 7/8 | W20 5/8X44 | 8 | 21'-3 7/8

1-L-A760

4-2 7/8

1-PL-A739

1-1 7/8 | 19'-7 | 2=PL-B739 2=PL-C739

1-L-A768

18'-5 1/8

1-PL-A739

1-1 7/8 | 6'-10 | 2=PL-B739 2=PL-C739

1-L-A768

5'-8 1/8

3 1/2 | 383=9

Ø 1 1/16 HOLES (1DIA.A490)

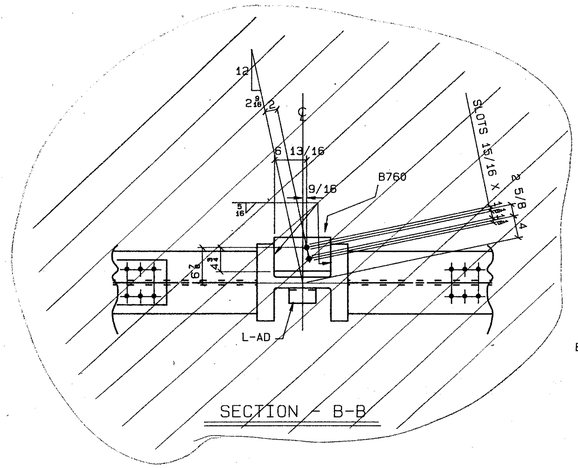
9 BOTH FLGS (TYP)

COL 29

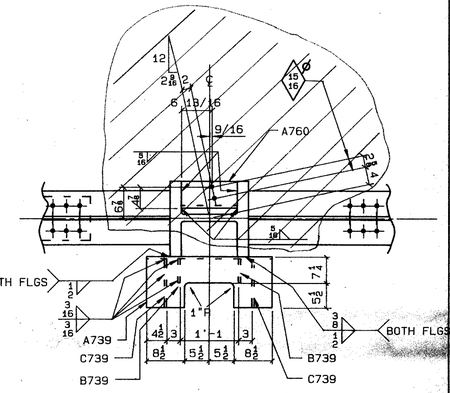
*DIV 4701, A4071, 1, W14X109, X 27-0 00, A36, M2E COL, P179, 10, (W 14 3/8 X 14 5/8 X 1/2 X 109)

MATERIAL

: 1, PI 010 00 X00 5/8, X 1-2 00, A764, 44W, , , , A
: 2, PI 013 00 X00 3/4, X 2-1 1/2, W763, 44W, , , , A
~~: 1, PI 006 1/2 X00 3/8, X 1-0 1/2, B760, 44W, , , , A~~
: 4, PI 008 1/2 X00 1/2, X 1-3 1/2, B787, 44W, , , , A
: 2, L 3 X 3 X 3/8, X 0-8 00, AD, 44W, , , , A
~~: 1, L 8 X 6 X 3/4, X 1-0 1/2, A780, 44W, , , , A~~
: 4, L 6 X 4 X 5/16, X 2-6 00, A768, 44W, , , , A
: 2, W33X118, X 4-3 5/16, MB, A36, CUT A741, P171, 24, , A
: 2, W33X118, X 5-5 5/8, MA, A36, CUT B741, P171, 23, , A
: 2, PI 019 1/4 X00 1/2, X 2-4 00, A739, 44W, BENT, , , A
: 4, PI 006 1/2 X00 3/8, X 0-6 3/4, B739, 44W, , , , A
: 4, PI 006 1/2 X00 3/8, X 1-0 1/4, C739, 44W, , , , A
: 4, PI 009 00 X00 1/2, X 1-11 1/2, B786, 44W, , , , A
: 2, HTBOLT 1X2 3/4, , 490, , , , A
: 8, HTBOLT 1X3, , 490, , , , A
: 4, HTBOLT 1X3 1/4, , 490, , , , A
: 14, HT WASHER 1, , 325, , , , A
+FB, 82, HT WASHER 1, 325, , A
: 1, 1F 5/16, X58-0 00, , A
: 1, 1F 3/16, X20-0 00, , A



SECTION - B-B



SECTION-C-C

SHOP NOTES

MATERIAL G40.21-44W U/N
E70 SERIES ELECTRODES
REF.DWGS.E46, E47, 9128, E118A, 9182, E118
CW5, CW13

Jan 21/86 R
Jan 16/86

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

WEB HLS-TO APP.

R	3	DATE	BY	SPEC	AS NOTED	FRANKEL STEEL LIMITED	
E	2	DATE	BY	HOLES	1 3/16 DIA U/N		
V	A	DATE JAN 21/86	BY GM	FINISH	NONE	220 ATTWELL DRIVE, UNIT 1, REXDALE, ONTARIO M9W 5B2	
MADE 27 M.X.		DATE DEC85	SQUAD FR	PROJECT: 7 WORLD TRADE CENTER		CONTRACT 84-153	DWG.NO. 4071
CHK'D 28 GM		DATE JAN 3/86		DETAIL: COLUMN (24TH TIER) ZONE 4			