A1836

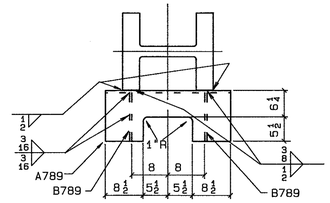
2-PL-B764
2-HT BOLT 1X 4 1/2 (490)
2-HT WASHER 1 DIA (325)
(WRENCH TIGHT)
1-PL B763
1-PL B763
HOLES (1"A490)
MILL
4'-8 1/2
5'-5 7/8
A768 (NS)
A789 (NS)
B789
B789
+FB, 28, HT BOLT 1X 3 3/4, 490, F., A
+FB, 10, HT BOLT 1X 3 1/2, 490, F., A (WEB)
PL-A786
1-LAD (N/S)
B770 (F/S)
L-A770 (F/S)
2-PL-A787
2-HT BOLT 1X 3 1/2 (490)
2-HT WASHER 1 (325)
(SHIP BACK BOLTED)
(WRENCH TIGHT)
G768 (N/S)
1-W-MA (ON C/L)
2-PL-A786 (ON C/L)
4-HT BOLT 1 X 3 3/4 (490)
4-HT WASHER 1 (325)
(SHIP BACK BOLTED)
(WRENCH TIGHT)
1-W -MB (ON C/L)
3'-10
4'-7 3/8
1-L-D768 (N/S)
ELEV. 701'-0 (FIN. 31ST FLOOR)
22'-0
3'-6
12'-9
21'-6 1/2
583=1'-3
4 1/2
5 1/2
2 1/2
4 3
5 5/8
5 5/8
4'-11
4'-8 1/2
(3'-11 9/16)
5'-8 3/8
5'-5 7/8
(4'-8 15/16)
6 X 7/8 SLOT
HLS IN MA (1DIA.A490)
HLS IN A786 (1DIA.A490)
T&B FLG P.P.
BOTH FLGS
P.P. T&B FLG.
1 1/2
(GA-5 1/2)
1DIA (A490)
5/8RET @T&B
1-L-D768 (N/S)
(3-1 1/16)
(3-10 7/16)
2 1/16
1-5 7/8
303=9
8
3'-10
4'-7 3/8
1-FILL PL-FC
1-FILL PL-FA
1-HT BOLT 1 X 4 3/4 (490)
1-HT WASHER 1 DIA (325)
(WRENCH TIGHT)
(SOUTH)
MILL
ELEV. 675'-6 (FIN. 29TH FLOOR)
9'3
8'-9 1/2
HOLES (1DIA.A490)
2-FILL PL-FB
PLUS 0 MINUS 1/16
A1767
+FB, 20, HT BOLT 1X 5 1/4, 490, F., A
+FB, 6, HT BOLT 1X 5 1/4, 490, F., A
44

3 11 1/2
5 3/4
DRILLED HOLE
B763
403=1-0
1-5 1/2
NO WELD
1-L-A768
1-PL-A789
2-PL-B789
AD
1-C-G768
L-D768
1-L-A770
W-MB
+FB, 2, HT BOLT 7/8 X 2 3/4, 325, F., A
1-PL-B770
3/8 FILLS
W23 5/8X55
1'-9 7/8
9 7/8
23
22'-6 1/2
21'-6 7/8
3'-6 7/8
18'-5 1/8
8 5/8
17'-8 1/2
19'-6 7/8
8
2X 7/8 SLOTS
11'-0 7/8
10'-0 7/8
8'-9 7/8
6'-9 7/8
5'-8 1/8
4'-11 1/2
PL-FA
PL-FC
HOLES (1DIA.A490)
483=1-0 4
3 1/2
11 1/2 BOTH FLGS (TYP)
COL 41

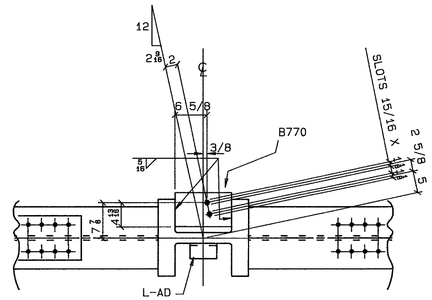
*DIV 3106, A1826, 1, W14X370, X 25-6 00, A36, M2E COL, P89, 3, (W 17 7/8 X 16 1/2 X 1 5/8 X 370)

MATERIAL

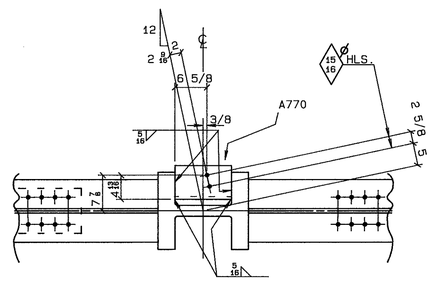
: 2, PI 010 00 X00 5/8, X 1-2 00 , B764, 44W, , , , A
: 2, PI 015 00 X00 5/8, X 2-7 1/2, B763, 44W, , , , A
: 2, PI 006 1/2 X00 3/8, X 1-0 1/2, B770, 44W, , , , A
: 4, PI 009 00 X00 3/4, X 2-5 1/2, A786, 44W, , , , A
: 4, PI 008 1/2 X00 1/2, X 1-6 1/2, A787, 44W, , , , A
: 2, PI 018 1/4 X00 1/2, X 2-4 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, W36X194, X 4-01 9/16, MA, A36, P1E CUT A758, P136, 14, , A
: 2, W36X194, X 4-10 15/16, MB, A36, P1E CUT C758, P136, 15, , A
: 2, 9MC25.4, X 1-10 00, G768, A36, , P217, 2, , A
: 4, HT BOLT 1X 3 1/2, , 490, , , , A
: 8, HT BOLT 1X 3 3/4, , 490, , , , A
: 2, HT BOLT 1X 4 1/2, , 490, , , , A
: 4, HT BOLT 1X 4 3/4, , 490, , , , A
: 14, HT WASHER 1, , , 325, , , , A
: 1, 1F 1/2, X 3-6 00, , A
: 1, 1F 3/16, X12-0 00, , A
: 1, 1F 5/16, X40-0 00, , A
: 1, 6G 7/8, X 8-0 00, , A
+FB, 102, 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. 1826
CHK'D 28 JM		DATE 11/08		DETAIL: COLUMN (16TH TIER) ZONE 3			