A4186

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

HOLES (1"A490)

1-PL-W763

(2 5/8 REF)

MILL
ELEV. 906'-6
(FIN. 47TH FLOOR)
3'-6
5 1/2
23'-6
12'-9
14'-3
3-6
ELEV. 893'-9
(FIN. 46TH FLOOR)
10'-9
ELEV. 879'-6
(FIN. 45TH FLOOR)

W 36 1/2 X 280 (F/S)
25'-6 3/4 EL. 908'-6 3/4
2'-0 3/8
1'-3 3/8
25'-0 1/2 @ 3'-3
3 1/2

12-1" ø x 2 3/4 (490)
12-1" WASH (325)

(N.T.S.) 11 3/4 11 3/4
A
TYP PG&PF 5/16
2-PL-PS (1-NS, 1-FS)
+FB, 6, HT BOLT 1 X 3 3/4, 490, F., A
1-PL-M752
FILLS 5/16
HOLES (1DIA A490)
1-PL C753 (OFFSET)
+FB, 6, HT BOLT 1 X 2 3/4, 490, F., A
+FB, 6, HT BOLT 1 X 3 1/4, 490, F., A
10 1/4 10 1/4
2-PL-PS (1-NS, 1-FS)
1-PL-PF (NS)
W 35 7/8 X 150 GIRDER B
1-4 3/8
1-4 7/16
20'-0 9/16
5'-3 9/16 = 1'-3 5/8
5'-3 9/16 = 2'-0 5/8
+FB, 2, HT BOLT 1 X 4 1/2, 490, F., A
+FB, 8, HT BOLT 1 X 3 3/4, 490, F., A
1-PL G752
+FB, 8, HT BOLT 1 X 2 3/4, 490, F., A
1-PL D753 (OFFSET)
+FB, 10, HT BOLT 1 X 3 1/4, 490, F., A
2-L-AF R/L (NS)
+FB, 4, HT BOLT 7/8 X 2, 325, F., A
7 7/16
7 3/8
W 35 7/8 X 150 GIRDER A
23-7 1/2 (PL-PF)

2 9
4 1/2
ø DRILLED HOLE
2 1/4
3 3/8
W763
1-2 1/2
3 3/8
3'-9
NO WELD 4
5/16

23'-0 1/2
3'-4
PS
PL-PF
2
L-AF R
SLOTS 15/16 X 1 1/2
19'-8 1/2
7
3 10 1/2

DIV 4718, A4219, 1, W14X120, X 27-0 00, A36, M2E COL, P179.20,
(W 14 1/2 X 14 5/8 X 9/16 @ 120)

NOTE BREAK IN GA

Sandblast 1/16 Bit Rough

(N.T.S.) 11 3/4 11 3/4
1-1 1/4 1-1 1/4
A768 (NS)
+FB, 6, HT BOLT 1 X 3 3/4, 490, F., A
1-PL-M752
1-PL-PS (FS)
+FB, 10, HT BOLT 1 X 4, 490, F., A
1-PL G752
1-PL-PS (NS)
HOLES (1DIA A490)
+FB, 8, HT BOLT 1 X 2 3/4, 490, F., A
1-PL D753 (OFFSET)
1-PL C753 (OFFSET)
1-PL-PG (NS)
+FB, 6, HT BOLT 1 X 3 1/4, 490, F., A
+FB, 10, HT BOLT 1 X 3 1/4, 490, F., A
2-PL-PS (1-NS, 1-FS)
A739 (NS)
C739
B739
BOTH FLG
A768 (NS)
BOTH FLG's
1-2 1/2
15/16
EAST
10-10 1/2 (PL-PG)
7'-3 9/16
7-1 5/8

1-L-A768
2X 7/8 SLOTS
3 1/2
11'-0 7/8
10'-3 1/2
PS
PL-PG
1-PL-A739
2-PL-B739
2-PL-C739
1-1 7/8
6'-10
5'-8 1/8
1-L-A768
4-2 7/8
+FB, 12, HT BOLT 7/8 X 3, 325, F., A

12
1-PL-PAB
BOTH FLANGES
DRILLED HOLE
1-0
10-5
11'-5 1/2
6
4
583=1'-3
B35 1/2X135
8-7 1/2
PL-PAB
10 1/2

FA
HOLES (1DIA.A490)
3 1/2
383=9 4
9
BOTH FLGS (TYP)

2-FILL PL-FA
4-HTBOLT 1x2 3/4 (490)
4-HTWASHER 1 (325)
(WRENCH TIGHT)

HOLES (1DIA.A490)
1'-2 7/8 +0 -1/16
3/16
1/8
2/2
1-FILL PL FB(NS)
+FB, 10, HT BOLT 1 X 3 1/2, 490, F., A
+FB, 10, HT BOLT 1 X 3, 490, F., A

A4046

WEB HLS. ADDED

MATERIAL

: 4, PI 012 00 X00 1/2, X 1-0 1/2, M752, 44W, ... A
: 4, PI 012 00 X00 5/8, X 1-6 1/2, G752, 44W, P1E, . . . A

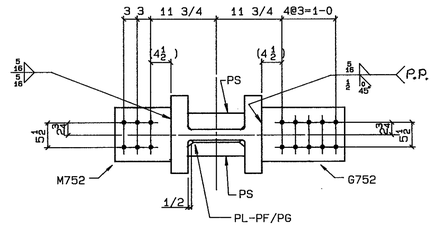
: 1, PI 010 00 X00 5/8, X 1-2 00, A764, 44W, ... A
: 2, PI 013 00 X00 3/4, X 2-1 1/2, W763, 44W, ... A
: 2, PI 005 00 X00 1/2, X 1-6 1/2, C753, 44W, ... A
: 2, PI 005 00 X00 1/2, X 2-3 1/2, D753, 44W, ... A
: 8, PI 003 1/2 X00 3/8, X 1-0 1/4, PS, 44W, P2E, . . . A
: 1, PI 011 1/2 X00 5/8, X 4-1 1/2, PF, 44W, P2E, . . . A
: 1, PI 011 1/2 X00 5/8, X 4-1 1/2, PG, 44W, P2E, . . . A
: 1, PI 012 1/2 X01 3/4, X 1-1 00, PAB, 44W, CUT TO FIT, . . . A

: 2, L 6 X 4 X 5/16, X 2-6 00, A768, 44W, ... A
: 1, PI 019 1/4 X00 1/2, X 2-4 00, A739, 44W, BENT, . . . A
: 2, PI 006 1/2 X00 3/8, X 0-6 3/4, B739, 44W, ... A
: 2, PI 006 1/2 X00 3/8, X 1-0 1/4, C739, 44W, ... A
: 1, L 6 X 3 1/2 X 3/8, X 1-0 00, AFR, 44W, ... A
: 1, L 6 X 3 1/2 X 3/8, X 1-0 00, AFL, 44W, ... A

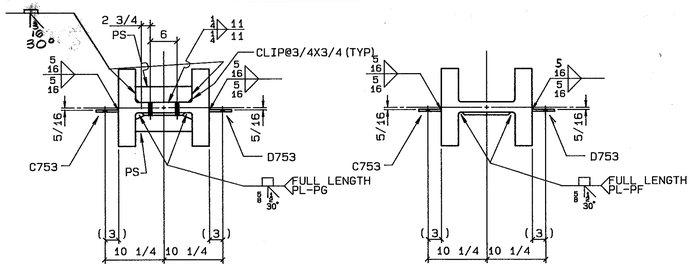
: 2, HTBOLT 1X3 . . 490, . . . A
: 4 HTBOLT 1X2 3/4 . . 490 . . . A
: 6, HT WASHER 1 . . . 325, ... A

+FB, 120, HT WASHER 1, 325, . . A

: 1, 1F 5/16, X78-0 00, . A
: 1, 1F 3/16, X20-0 00, . A
: 2, PI 12'2 x 3/16 x 1'-4'2 FA
: 1, PI 6'2 x 1'8 x 9'2 FB

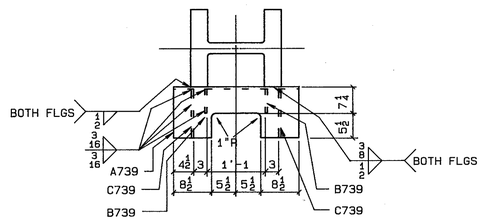


SECTION A-A



SECTION D-D

SECTION B-B



SECTION - C-C

SHOP NOTES

MATERIAL G40.21-44W U/N
E70 SERIES ELECTRODES
REF. DWGS. E46, E47, 914B, E118A, E118
CW5, CW13

Jan 24/86 R
Jan 21/86

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

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 JAN 23/86	BY GM	FINISH NONE		
MADE 27 MB	DATE JAN/85	SQUAD FR	PROJECT: 7 WORLD TRADE CENTER	CONTRACT 84-153	DWG. NO. 4219
CHK'D 28 GM	DATE JAN 1586		DETAIL: COLUMN (24TH TIER) ZONE 4		