A1709

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

1-PL-D763

HOLES (1"A490)

1-PL-D763

MILL

+FB, 28, HT BOLT 1X 3 3/4, 490, F., A
+FB, 10, HT BOLT 1X 3 1/2, 490, F., A (WEB)

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

22'-0

12'-9

4'-9 1/2 | 3'-9 3/8

AA1342 (N/S)

PG1740

PF1740

PH1740(N/S)

PL-A786

1-LAD (N/S)

L-C769 (F/S)

C765 (F/S)

1-ST-MF
1-C-MG

1-~~R~~-pfa
1-~~R~~-pfb
2-~~R~~-pfc

3'-0

(2-3 1/16)

2'-8 1/4

6 X 7/8 SLOT

(1-7 9/16)

MA1500 (N/S)

3'-11 | 2-10 7/8

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)

5'-0 | 4'-9 1/2 (4'-0 9/16) | 3'-11 7/8 | 3'-9 3/8 (3'-0 7/16)

HLS IN MA (1DIA.A490)

HLS IN A786 (1DIA.A490)

1DIA (A490)

(GA-5 1/2)

P.P. T&B FLG.

1 - W-MB (ON C/L)

+FB, 28, HT BOLT 1X 3 3/4, 490, F., A
+FB, 10, HT BOLT 1X 3 1/2, 490, F., A (WEB)

(3-2 1/16) | 2-1 15/16

1-5 7/8

303=9 | 8 | 303=9 | 3'-11 | 2-10 7/8 | 303=9

2-FILL PL-FB
2-FILL-PL-FA
4-HT BOLT 1X4 3/4(490)
4-HT WASHER 1(325)
(WRENCH TIGHT)

(NORTH)

MILL

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

3'-6

HOLES (1DIA.A490)

1'-6 1/2

PLUS 0 -1/16

A1740

+FB, 32, HT BOLT 1X 6, 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

NO WELD

1-11 1/2 (683=1-6)

3 1/2

5/16

1-L-AA1342

1-PI-PH1740

1-PI-PF1740

1-PI-PG1740

AD

1-MC-MA1500

1'-9 7/8 | 9 7/8 | 23-9 7/8 | 22 | 21'-6 1/2 | 3'-6 7/8 | 18'-5 1/8

+FB, 2, HT BOLT 3/4 X 2 1/2, 325, F., A

1-PL-C765

3/8 FILLS

W12 1/8X19

21'-6 7/8

8

20'-6 3/8

1-L-C769

+FB, 2, HT BOLT 3/4 X 2 1/2, 325, F., A

2X 7/8 SLOT

1-L-AA1342

1'-9 7/8 | 9 7/8 | 11-0 7/8 | 10' | 8'-9 1/2 | 3'-6 7/8 | 5'-8 1/8

1-PI-PH1740
1-PI-PF1740
1-PI-PG1740
AD
2X 7/8 SLOT
1-MC-MA1500

+FB, 2, HT BOLT 3/4 X 2 1/2, 325, F., A
1-PL-C765
3/8 FILLS
W12 1/8X19
8'-9 7/8
7'-9 3/8
1-L-C769
+FB, 2, HT BOLT 3/4 X 2 1/2, 325, F., A

HOLES (1DIA.A490)

FILL-PL-FA/FB

3 1/2 | 3 | 6 | 3 BOTH FLGS (TYP)

COL 14A

*DIV 3116, A1845, 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)

1'-8

pfb | pfa | pfc | P.P. | 45°

3/8 TO ℄ COL

9'2 | 12 | 7

5/8 CUT

CLIP 2x2 | CLIP 1x1

℄9'2x5/8x9'2-pfa (PLAIN)

℄6x5/8x1'-8 3/8 pfb (P.I.E.)

℄12'2x3/4x1'-7-pfc

SECTION S-S

4

MATERIAL

4 ~~: 2, 9015, X 0-9 1/2, M6, A36, P159, 23, , A~~
~~: 2, ST-8 X 3 X .313, X 1-11 00, MF, A500GRB, P159, 22, , A~~
: 2, PI 005 3/4 X00 3/8, X 0-6 1/2, PG1740, 44W, ... A
: 2, PI 015 [redacted] X00 3/4, X 3-7 1/2, D763, 44W, ... A
: 2, PI 006 1/2 X00 3/8, X 0-11 1/4, PF1740, 44W, ... A
: 2, PI 018 1/4 X00 1/2, X 2-1 00, PH1740, 44W, BENT, ... A
: 2, PI 006 1/2 X00 3/8, X 1-0 1/2, C765, 44W, ... A
: 4, PI 008 1/2 X00 1/2, X 1-6 1/2, A787, 44W, ... A
: 2, PI 015 1/2 X00 1/8, X 1-4 1/2 FA, 44W, ... A
: 2, L 6 X 4 X 5/16, X 0-9 1/2, AA1342, 44W, ... A
: 2, L 8 X 6 X 3/4, X 1-0 1/2, C769, 44W, ... A
: 2, L 3 X 3 X 3/8, X 0-8 00, AD, 44W, ... A
: 2, W36X210, X 4-2 9/16, MA, A36, PIE CUT B754, P136, 3, , A
: 2, W36X210, X 3-2 7/16, MB, A36, PIE CUT C755, P136, 6, , A
: 2, 9MC25.4, X 0-9 1/2, MA1500, A36, , P217, 2, , A
: 4, PI 009 00 X00 3/4, X 2-5 1/2, A786, 44W, ... A
: 2, PI 010 00 X00 5/8, X 1-2 00, A764, 44W, ... A
: 2, HTBOLT 1X[redacted] . . . 490, ... A
: 8, HTBOLT 1X3 3/4, . . 490, ... A
: 4, HTBOLT 1X3 1/2, . . 490, ... A
: 4, HTBOLT 1X4 3/4, . . 490, ... A
: 18, HT WASHER 1, . . 325, ... A
+FB, 116, HT WASHER 1, 325, . . A
: 1, 1F 3/16, X12-0 00, , A
: 1, 1F 5/16, X50-0 00, , A
: 1, 1F 1/2, X6-0 00, , A
: 1, 6G 3/4, X12-0 00, , A
: 1, 1F 1/4, X3-0 00, , A
2 PL 15½ X 3/16 X 1'-4½ FB

TYP | 1/2 | 3/16 | 3/8 | PH1740 | PF174-0 | 1"R | 8 | 8 | 8½ | 5½ | 11 | PG1740 | 6½ | 5½ | 3/8

SECTION - A-A

C765 | 1/2 X 13/16 SLOTS | 12 | 1 1/8 | 5/16 | L-AD | MF | MG | 3'-0 | 4 3/4

SECTION - B-B

C769 | 12 | 1 1/8 | 5/16

SECTION - C-C

SHOP NOTES
MATERIAL G40.21-44W U/N
E70 SERIES ELECTRODES
REF.DWGS.E30, E31, ~~E110~~, E118A, CW2, ~~E110~~, E118

9155
9118

Nov 14/85 R
Aug 27/85

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

BRK'T REV.2 SEE S:5

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 NOV 13/85	BY GM	FINISH	NONE		
MADE 27	HY	DATE 29JUN85	SQUAD FR	PROJECT:	7 WORLD TRADE CENTER	CONTRACT	DWG.NO.
CHK'D 28	JIM	DATE AUG 26/85		DETAIL:	COLUMN (16TH TIER) ZONE 3	84-152	1845