A1901

1'-6 + 1/16 -0

2-PL-A764 4 1/2
2-HT BOLT 1X ~~4 1/2~~ (490)
2-HT WASHER 1 DIA (325)
(WRENCH TIGHT)

1-PL-D763

1-PL-D763

1 1/16 Ø HOLES (1"A490)

2 3/4 3

3 1/2 3 1/2

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'-8 1/2

1-L-D768 (N/S)

4 3

PL-A786

B

4 1/2

5 1/2

21'-6 1/2

583=1'-3

1-LAD (N/S)

C765 (F/S)

C

L-C769 (F/S)

583=1'-3

4 1/2

B

1-L-D768 (N/S)

4 3

3'-10 3'-10

2 1/2

1-L-D768 (N/S)

4 3

1-W -MA (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)

6 X 7/8 SLOT

2 1/2

4'-11 4'-8 1/2 4'-8 1/2 4'-11

2 1/2

5 (3'-11 9/16) (3'-11 9/16)

1 1/16 Ø HLS IN MA (1DIA.A490)

1 3/16 Ø HLS IN A786 (1DIA.A490)

1 1/2

1-L-D768 (N/S)

4 3

PL-A786

B

P.P. T&B FLG

5/16 3/4 45

(GA-5 1/2)

4 1/2

5 1/2

8'-9 1/2

583=1'-3

1-LAD (N/S)

C765 (F/S)

C

L-C769 (F/S)

583=1'-3

1 1/2

P.P. T&B FLG.

5/16 3/4 45

(GA-5 1/2)

4 1/2

B

1 1/16 Ø 1DIA (A490)

2-PL-A787
2-HT BOLT 1X 3 1/2 (490)
2-HT WASHER 1 (325)
(SHIP BACK BOLTED)
(WRENCH TIGHT)

(GA-5 1/2)

1-L-D768 (N/S)

4 3

1 - W-MA (ON C/L)

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)

5/8 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)

2 1/2

1-L-D768 (N/S)

4 3

(3-1 1/16) (3-1 1/16)

2 11/16

6 X 7/8 SLOT

1-5 7/8

3@3=9 8 3@3=9 3'-10 3'-10 3@3=9

2-FILL-PL-FA 4 1/2
4-HT BOLT 1X ~~4 1/2~~ (490)
4-HT WASHER 1 (325)
(WRENCH TIGHT)

PL-FA

(NORTH)

MILL

9'-3

12'-9

ELEV. 688'-3 (FIN. 30TH FLOOR)

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

3'-6

HOLES (1DIA.A490)

1 1/16 Ø

A1731

1'-6 +3/16 -0

5/8 3/4

+FB, 32, HT BOLT 1X ~~4~~ 490, F., A

+FB, 10, HT BOLT 1X ~~4~~ 490, F., A

1 3/4 11 1/2 5 3/4

1 24 Ø DRILLED HOLE

3 1/2

PL- D763

3 1/2 1-11 1/2 6@3=1-6

4 NO WELD

5/16 EFFECTIVE 3/8

L-D768

12 4 3/8

BOTH FLANGES

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

1-PL-C765

1'-1 7/8 23'-1 7/8

3/8 FILLS

5 1/2

1 16 Ø DRILLED HOLE

AD

21'-6 1/2

3'-6 7/8

21'-6 7/8

M12 1/8X19

1-PL PAD

8

20'-6 3/8

1-L-C769

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

L-D768

18'-5 1/8 8 5/8

L-D768

4

17'-8 1/2

L-D768

L-D768

1'-1 7/8 10'-4 7/8

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

1-PL-C765

3/8 FILLS

5 1/2

AD

3'-6 7/8 8'-9 1/2

5 16 3 3

8'-9 7/8

M12 1/8X19

8

7'-9 3/8

1-L-C769

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

L-D768

5'-8 1/8 8 5/8

L-D768

4

4'-11 1/2

L-D768

1 16 Ø HOLES (1DIA.A490)

FILL-PL-FA

3 1/2 1, 3@3=9, 4

3 6 3 BOTH FLGS (TYP)

COL 12

*DIV 3116, A1746, 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)

C765

X 13/16 SLOTS

12

4 4

1 1/8

5 16

5 2.5

1 1/2 1 1/2

4 3

7/8

4

L-AD

SECTION - B-B

13 16 Ø

C769

12

4 4

1 1/8

5 16

5 2.5

1 1/2 1 1/2

4 3

7/8

5 16

SECTION - C-C

MATERIAL

: 2, PI 010 00 X00 5/8, X 1-2 00, A764, 44W, , , , A
: 2, PI 015 ~~4 1/2~~ X00 3/4, X 3-7 1/2, D763, 44W, , , , A
: 2, PI 015 1/2 X00 1/8, X ~~3-5 1/2~~ 4 1/2 - 4 1/2, FA, 44W, , , , 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, 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
: 6, L 4 X 3 X 3/8, X 1-2 00, D768, 44W, , , , A
: 4, W36X210, X 4-1 9/16, MA, A36, PIE CUT A754, P136, 4, , A
1 : ~~1, PI 013 1/2 X01 3/4, X 1-4 00, PAD, 44W, CUT TO PIT, , , , A~~
: 4, PI 009 00 X00 3/4, X 2-5 1/2, A786, 44W, , , , A
: 8, HTBOLT 1X3 3/4, , , 490, , , , A
6 : ~~4~~, HTBOLT 1X ~~3 3/4~~ 4 1/2, , , 490, , , , A
: ~~4, HTBOLT 1X3 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, 1F 3/8, X8-0 00, , A
: 1, 6G 3/4, X12-0 00, , A

SHOP NOTES
MATERIAL G40.21-44W U/N
E70 SERIES ELECTRODES
REF.DWGS.E30, E31, 9118, E118A, CW2, ~~9103~~ 9155, E118

Sept 2/85 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

OMIT PL pab

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 AUG 31/85	BY FR	FINISH NONE		
MADE 27 HY	DATE 3JULY85	SQUAD FR	PROJECT: 7 WORLD TRADE CENTER	CONTRACT 84-152	DWG. NO. 1746
CHK'D 28 JIM	DATE AUG 26/85	85	DETAIL: COLUMN (16TH TIER) ZONE 3		