A1835

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

Ø 1 1/16 HOLES (1"A490)

2 6

MILL

3'-6

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

22'-0

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

1-1 1/4 1-1 1/4

A768 (NS)

A789 (NS)

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

A B789 B789 A

B B

PL-A786

5 1/2 4 1/2

21'-6 1/2

583=1'-3

1-LAD (N/S)

B770 (F/S)

C C

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)

5 5/8 5 5/8

3'-10 3'-10

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)

1-W -MA (ON C/L)

2 1/2

4 3

1-L-D768 (N/S)

12'-9

6 X 7/8 SLOT

4'-11 4'-11

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

5 5/8 (3'-11 9/16) (3'-11 9/16)

Ø 1 1/16 HLS IN W-MA (1DIA.A490)

Ø 1 3/16 HLS IN A786 (1DIA.A490)

1 1/2

A768 (NS)

1-1 1/4 1-1 1/4

5/16 BOTH FLGS. 1 1/2

A789 (NS)

B789 B789

5/16 P.P. T&B FLG.

3/4 45° (GA-5 1/2)

PL-A786

(GA-5 1/2)

5 1/2 4 1/2

8'-9 1/2

583=1'-3

Ø 1 1/16 1DIA (A490)

1-LAD (N/S)

B770 (F/S)

5/16 18 TYP.

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)

Ø 1 1/16 (1DIA.A490)

(GA-5 1/2)

G768 (N/S)

5 5/8 5 5/8

3/8

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)

1 - W-MA (ON C/L)

5/16 5/8RET @T&B

2 1/2

4 3

1-L-D768 (N/S)

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

12'-9

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

6 X 7/8 SLOT

2 11/16

1-5 7/8

303=9 8 303=9 3'-10 3'-10 303=9

1-FILL PL-FA (SOUTH) 1-FILL PL-FA

MILL

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

3'-6

HOLES (1DIA.A490)

6

1-6 1/8 PLUS 0 MINUS 1/16

A1765

*FB, 20, HT BOLT 1X 5 1/4, 490, F., A
*FB, 6, HT BOLT 1X 4 3/4, 490, F., A

1 3/16 11 1/2

Ø 2 1/4 DRILLED HOLE

5 3/4

3 1/2

1-5 1/2 483=1-0

B763

NO WELD 4

5/16

1-L-A768

1'-9 7/8 9 7/8 23'-9 7/8 1-PL-A789

*FB, 2, HT BOLT 7/8 X 2 3/4, 325, F., A
1-PL-B770

22'-9 7/8 2-PL-B789

3/8 FILLS 5 1/2

AD

21'-6 1/2 21'-6 7/8

W23 5/8X55

3'-6 7/8

8 19'-6 7/8

1-L-A770

*FB, 2, HT BOLT 7/8 X 2 3/4, 325, F., A
W-MA

1-C-G768

18'-5 1/8 8 5/8

L-D768

17'-8 1/2

1-L-A768

2X 7/8 SLOTS 3

1-PL-A789

1'-9 7/8 9 7/8 11'-0 7/8 10'-0 7/8

*FB, 2, HT BOLT 7/8 X 2 3/4, 325, F., A
1-PL-B770

2-PL-B789

3/8 FILLS 5 1/2

AD

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

5/16 3 3 5/16

W23 5/8X55

3'-6 7/8

2X 7/8 SLOTS

8 6'-9 7/8

1-L-A770

*FB, 2, HT BOLT 7/8 X 2 3/4, 325, F., A
W-MA

1-C-G768

5'-8 1/8 8 5/8

4 L-D768

4'-11 1/2

FA

Ø 1 1/16 HOLES (1DIA.A490)

2 1/2 2 1/2

3 1/2 483=1-0

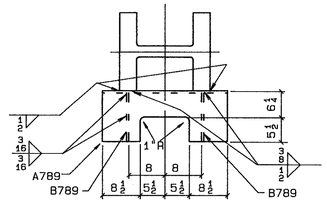
11 1/2 BOTH FLGS (TYP)

COL 39

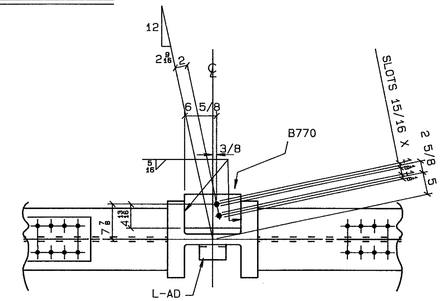
*DIV 3106, A1775, 1, W14X370, X 25-6 00, A36, M2E COL, P89, 3, (W 17 7/8 X 16 1/2 X 1 5/8 X 370)

MATERIAL

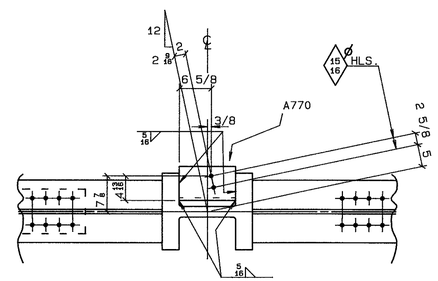
: 2, PI 010 00 X00 5/8, X 1-2 00, B764, 44W, . . . , A
: 2, PI 018 1/4 X00 1/2, X 2-4 00, A789, 44W, BENT, . . , A
: 2, PI 015 00 X00 5/8, X 2-7 1/2, B763, 44W, . . . , A
: 4, PI 006 1/2 X00 3/8, X 0-11 1/4, B789, 44W, . . . , A
: 2, PI 006 1/2 X00 3/8, X 1-0 1/2, B770, 44W, . . . , A
: 4, PI 009 00 X00 3/4, X 2-5 1/2, A786, 44W, . . . , A
: 4, PI 08 1/2 X00 1/2, X 1-6 1/2, A787, 44W, . . . , A
: 2, PI 15 00 X00 1/8, X 1-3 1/2 FA, 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
: 4, W36X194, X 4-1 9/16, MA, A36, P1E CUT A758, P136, 14, , A
: 2, SMC25. 4, X 1-10 00, G768, A36, , P217. 2, , A
: 2, HTBOLT 1X4 1/2, , , 490, , , , A
: 4, HTBOLT 1X3 1/2, , , 490, , , , A
: 8, HTBOLT 1X3 3/4, , , 490, , , , A
: 14, HT WASHER 1, , , 325, , , , A
: 1, 1F 3/8, X8-0 00, , A
: 1, 1F 5/16, X40-0 00, , A
: 1, 6G 1, X8-0 00, , A
: 1, 1F 1/2, X3-6 00, , A
: 1, 1F 3/16, X12-0 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 JUNE85	SQUAD FR	PROJECT: 7 WORLD TRADE CENTRE	CONTRACT	DWG. NO.
CHK'D 28	DATE		DETAIL: COLUMN (16TH TIER) ZONE 3	84-152	1775