A1944

1-PL-A764 (N/S) 3 3/4
2- HT BOLT 1X ~~4 1/2~~ (490)
2-HT WASHER 1 DIA (325)
(WRENCH TIGHT)

Ø 1 1/16 HOLES (1"A490)

1-PL A763

1-PL A763

MILL

3'-6

ELEV. 803'-0 (FIN. 39TH FLOOR)

22'-0

+FB, 28, HT BOLT 1X 3 1/2, 490, F., A
+FB, 2, HT BOLT 1X 3 1/2, 490, F., A (WEB)
+FB, 8, HT BOLT 1X 4, 490, F., A

5'-0 1/8 | 4'-8 1/2

1-L-D768 (N/S)

PL-A786

B

1-LAD (N/S)

B760 (F/S)

L-A760 (F/S)

1-L-D768 (N/S)

4'-1 5/8

3'-10

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 1/2 (490)
4-HT WASHER 1 (325)
(SHIP BACK BOLTED)
(WRENCH TIGHT)

1-L-D768 (N/S)

6 X 7/8 SLOT

5'-2 5/8 | 5'-0 1/8 | 4'-8 1/2 | 4'-11

(4'-3 3/4) | (4'-0 1/8)

Ø 1 1/16 HLS IN MA (1DIA.A490)

Ø 1 3/16 HLS IN A786 (1DIA.A490)

T&B FLG.

1-L-D768 (N/S)

PL-A786

(GA-5 1/2)

1-LAD (N/S)

B760 (F/S)

L-A760 (F/S)

Ø 1 1/16 1DIA (A490)

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) (CUT WITH MB1927)
2-PL-A786 (ON C/L)
4-HT BOLT 1X3 1/2 (490)
4-HT WASHER 1 (325)
(SHIP BACK BOLTED)
(WRENCH TIGHT)

+FB, 28, HT BOLT 1X 3 1/2, 490, F., A
+FB, 2, HT BOLT 1X 3 1/2, 490, F., A (WEB)
+FB, 8, HT BOLT 1X 4, 490, F., A

1-L-D768 (N/S)

5/8 RET @T&B

(3-5 1/4) | (3-1 5/8)

6 X 7/8 SLOT

1-4 3/4

303=0'-9 | 8 | 303=0'-9 | 4'-1 5/8 | 3'-10 | 303=0'-9

1-FILL PL-FA (SOUTH)

1-FILL PL-FA

HOLES (1DIA.A490)

1-5 EQUAL SPACES 1/16

ELEV. 777'-6 (FIN. 37TH FLOOR)

12'-9

9'3

8'-9 1/2

583=1'-3

5 1/2

4 1/2

21'-6 1/2

3'-6

A1934

*FB, 16, HT BOLT 1X 4 1/2, 490, F., A
*FB, 10, HT BOLT 1X ~~4 1/2~~ 3 3/4, 490, F., A

11 1/2

Ø 2 1/4 DRILLED HOLE

5 3/4

A763

1-2 1/2 | 383=9

NO WELD 4

5/16

L-D768

2-~~7/8~~ X 2 3/4 (325)

1-PL-B760

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

3/8 FILLS

AD

21'-6 1/2 | 3'-6 7/8

21'-6 7/8

W23 5/8X55

8

19'-6 7/8

1-L-A760

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

18'-5 1/8 | 8 5/8 | 17'-8 1/2

L-D768

10'-4 7/8

8'-9 1/2

6'-9 7/8

5'-8 1/8

4'-11 1/2

FA

Ø 1 1/16 HOLES (1DIA.A490)

3 1/2 | 383=9

11 1/2 BOTH FLGS (TYP)

COL 32

*DIV 3901, A1939, 1, W14X283, X 25-6 00, A36, M2E COL, P93, 3, (W 16 3/4 X 16 1/8 X 1 5/16 @ 283)

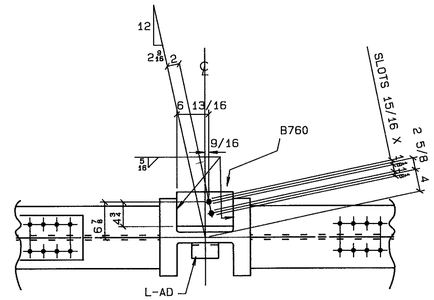
MATERIAL

: ~~1~~, PI 010 00 X00 5/8, X 1-2 00, A764, 44W, ... A
: 2, PI 015 00 X00 5/8, X 2-01 1/2, A763, 44W, ... A
: 4, PI 009 00 X00 3/4, X 2-05 1/2, A786, 44W, ... A
: 2, PI ~~016 00~~ 12½ X00 1/8, X 1-~~00~~ 3 ~~1/2~~, FA . 44W, ... A
: 2, PI 006 1/2 X00 3/8, X 1-0 1/2, B760, 44W, ... A
: 4, PI 008 1/2 X00 1/2, X 1-6 1/2, A787, 44W, ... A

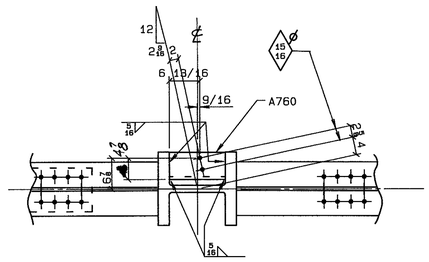
: 2, L 8 X 6 X 3/4, X 1-0 1/2, A760, 44W, ... A
: 6, L 4 X 3 X 3/8, X 1-2 00, D768, 44W, ... A
: 2, L 3 X 3 X 3/8, X 0-8 00, AD, 44W, ... A
: 2, W36X170, X 4-2 1/8 , MB, A36, ~~CUT~~ CUT A791, P139, 14, . A
: 2, W36X170, X 4-5 3/4 , MA, A36, ~~CUT~~ CUT A791, P139, 14, . A (CUT WITH MB1927)

: 2, HTBOLT 1X ~~4 1/2~~ 3 3/4, . . 490, ... A
: 12, HT BOLT 1X 3 1/2, . . 490, ... A
: 14, HT WASHER 1, . . 325, ... A
+FB, 102, HT WASHER 1, 325, . . A

: 1, 1F 1/8 , X 1-4 00, . A
: 1, 1F 5/16, X 16-4 00, . A
: 1, 1F 7/16, X 7-4 00, . A
: 1, 1F 1/2 , X 7-4 00, . A



SECTION - B-B



SECTION-C-C

SHOP NOTES
MATERIAL G40.21-44W U/N
E70 SERIES ELECTRODES
REF.DWGS.E38, E39, 9126, E118A, CW2, 9172, E118

Sept 5/85

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	R.J.	DATE 10JUL85	SQUAD FR	PROJECT:	7 WORLD TRADE CENTER	CONTRACT 84-152	DWG.NO. 1939
CHK'D 28	SKIP	DATE SEPT/85		DETAIL:	COLUMN (20TH TIER) ZONE 4		