A4423

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

HOLES (1"A490)

MILL

+FB, 20, HT BOLT 1X 3, 490, F., A
+FB, 10, HT BOLT 1X 3 1/4, 490, F., A (WEB)

ELEV. 879'-6 (FIN. 45TH FLOOR)

1-L-D768 (N/S)

PL-B786

1-LAD (N/S)

B760 (F/S)

L-A760 (F/S)

1-L-D768 (N/S)

1-W -MA (ON C/L)

2-PL-A787
2-HT BOLT 1X 3 1/4 (490)
2-HT WASHER 1 (325)
(SHIP BACK BOLTED)
(WRENCH TIGHT)

1-L-D768 (N/S)

1-W MA (ON C/L)
2-PL-B786 (ON C/L)
4-HT BOLT 1X3 (490)
4-HT WASHER 1 (325)
(SHIP BACK BOLTED)
(WRENCH TIGHT)

X 7/8 SLOT

HLS IN MA (1DIA.A490)

HLS IN B786 (1DIA.A490)

1-L-D768 (N/S)

PL-B786

T&B FLG.

1-LAD (N/S)

B760 (F/S)

1DIA (A490)

L-A760 (F/S)

2-PL-A787
2-HT BOLT 1X 3 1/4 (490)
2-HT WASHER 1 (325)
(SHIP BACK BOLTED)
(WRENCH TIGHT)

1-L-D768 (N/S)

1 - W-MA (ON C/L)

5/8 RET @T&B

1-W MA (ON C/L)
2-PL-B786 (ON C/L)
4-HT BOLT 1X3 (490)
4-HT WASHER 1 (325)
(SHIP BACK BOLTED)
(WRENCH TIGHT)

+FB, 20, HT BOLT 1X 3 . 490, F., A
+FB, 10, HT BOLT 1X 3 1/4, 490, F., A (WEB)

1-L-D768 (N/S)

X 7/8 SLOT

1-FILL PL-FA/1-FILL PL-FC
2-HT BOLT 1X3 1/2 (490)
2-HT WASHER 1 DIA (325)
(WRENCH TIGHT)

(SOUTH)

HOLES (1DIA.A490)

1-FILL PL-FB (NS)

A2756

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

ELEV. 866'-9 (FIN. 44TH FLOOR)

ELEV. 854'-0 (FIN. 43RD FLOOR)

DRILLED HOLE

A763

NO WELD

PL-PAB

BOTH FLANGES

+F.B. 2 H.T. BOLT 7/8X2 3/4 325 F
1-PL-B760

DRILLED HOLE

1-PL PAB

L-D768

AD

3/8 FILLS

W23 5/8X55

1-L-A760

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

L-D768

L-D768

L-D768

L-D768

L-D768

1-PL-B760

3/8 FILLS

AD

W23 5/8X55

1-L-A760

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

FA/FC

HOLES (1DIA.A490)

11 1/2 BOTH FLGS (TYP)

COL 34

*DIV 4507, A4078, 1, W14X193, X 25-6 00, A36, M2E COL, P173, 16.
(W 15 1/2 X 15 3/4 X 7/8 @ 193)

MATERIAL

: 1, PI 010 00 X00 5/8, X 1-2 00, A764, 44W, ... A
: 2, PI 015 00 X00 5/8, X 2-1 1/2, A763, 44W, ... A
: 4, PI 009 00 X00 1/2, X 1-11 1/2, B786, 44W, ... A
: 2, PI 015 00 X00 1/8, X 1-5 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
: 1, PI 012 1/2 X01 3/4, X 1-1 00 , PAB, 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

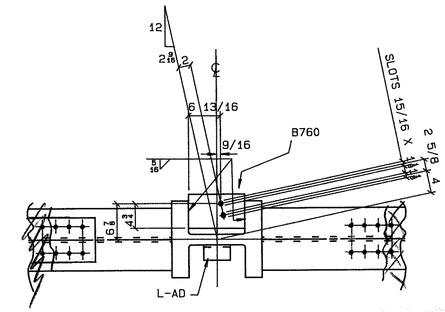
: 4, W36X135, X 4-2 3/4, MA, A36, CUT A740, P170, 19, . A

: 4, HT BOLT 1X 3 1/2, . . 490, ... A
: 6, HT BOLT 1X 3 1/4, . . 490, ... A
: 8, HT BOLT 1X 3, . . 490, ... A
: 18, HT WASHER 1, . . 325, ... A
+FB, 86, HT WASHER 1, 325, . . A

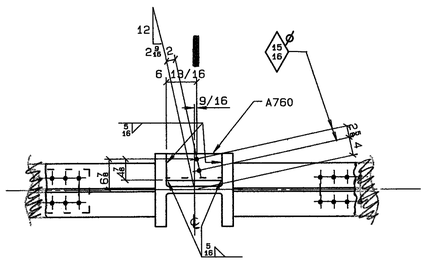
45'-0
: 1, 1F 5/16, X ~~2-1 00~~, . . A
: ~~4, 1F 7/16, X 6-8 00, . A~~
: 1, 1F 3/8 , X ~~1-8 00~~, . A
: ~~1, 6G 3/8 , X 0-8 00, . A~~

1-5
: 2, PI 015 00 X00 1/4, X ~~1-1 1/2~~, FC . 44W, ... A
: 1, PI 006 1/2 X00 1/8, X 0-9 1/2, FB . 44W, ... A

2'-4



SECTION - B-B



SECTION-C-C

SHOP NOTES
MATERIAL G40.21-44W U/N
E70 SERIES ELECTRODES
REF.DWGS.E44, E45, 9128, E118A, CW2, 9172, E118

Nov 12/85

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 29AUG85	SQUAD FR	PROJECT: 7 WORLD TRADE CENTER	CONTRACT 84-153	DWG.NO. 4078
CHK'D 28 BF	DATE Nov.8/85		DETAIL: COLUMN (23RD TIER) ZONE 4		