A4017

1-PL-A764 (N/S)
2-HT BOLT 1X3 (490)
2-HT WASHER 1 DIA (325)
(WRENCH TIGHT)

HOLES (1"A490)

1-PL-A763

DRILLED HOLE

MILL

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

22'-0

3'-6

+FB, 20, HT BOLT 1X 3 1/4, 490, F., A

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

4L8½ 4L8½

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

A768 (NS)

A739 (NS)
C739
B739

PL-B786

1-LAD (N/S)

C747 (F/S)

L-C761 (F/S)

1-PL-PA (N/S)

G768 (N/S)

1-W -MB (ON C/L)
(CUT WITH MA4032)

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

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

1-L-H768 (N/S)

X 7/8 SLOT

HLS IN MA (1DIA.A490)

HLS IN B786 (1DIA.A490)

BOTH FLGS

T&B FLG.

(GA-5 1/2)

1DIA (A490)

5/8 RET @T&B

1-W -MB (ON C/L)
(CUT WITH MA4032)

4-FILL-PL-FA (2-EACH FLG)
4-HT BOLT 1X3 (A490)
4-HT WASHER 1 (A325)
(WRENCH TIGHT)

FILL-PL-FA

(NORTH)

HOLES (1DIA.A490)

1-3 1/8 PLUS 4 KINGS 1/16

FILL-PL-FA (N/S)

A2695

1-L-A768

1-PL-A739

1-PL-C747

2-PL-B739
2-PL-C739

AD

1-L-C761

1-MC-G768

PL-PA

L-H768

2X 7/8 SLOTS

PL-FA

BOTH FLGS (TYP)

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

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

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

NO WELD

3/8 FILLS

W12 1/8X19

*DIV 4516, A4038, 1, W14X132, X 25-6 00, A36, M2E COL, P173, 7.
(W 14 5/8 X 14 3/4 X 5/8 X 132)

COL 13

MATERIAL

: 2, PI 019 1/4 X00 1/2, X 2-4 00, A739, 44W, BENT, , , A
: 4, PI 013 00 X00 1/8, X 1-5 00, FA, 44W, , , , A
: 1, PI 010 00 X00 5/8, X 1-2 00, A764, 44W, , , , A
: 2, PI 013 00 X00 3/4, X 2-1 1/2, W763, 44W, , , , A
: 4, PI 006 1/2 X00 3/8, X 0-6 3/4, B739, 44W, , , , A
: 4, PI 006 1/2 X00 3/8, X 1-0 1/4, C739, 44W, , , , A
: 2, PI 006 1/2 X00 3/8, X 1-0 1/2, C747, 44W, , , , A
: 4, PI 008 1/2 X00 1/2, X 1-6 1/2, A787, 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, C761, 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 1-3 1/2, H768, 44W, , , , A
: 2, W36X150, X 4-3 3/16, MA, A36, CUT A743, P170, 5, , A
: 2, W36X150, X 4-3 3/16, MB, A36, CUT B744, P170, 6, , A
: 1 ~ PL G1/2 x 1/8 x 9'2 ~ FB(44W)
: 4, PI 009 00 X00 1/2, X 1-11 1/2, B786, 44W, , , , A
: 12, HTBOLT 1X3 1/4, , , 490, , , , A
: 1, 1F 1/2, X50-0 00, , A
: 6, HTBOLT 1X3, , , 490, , , , A
: 18, HT WASHER 1, , , 325, , , , A
+FB, 86, HT WASHER 1, 325, , , A
: 1, 1F 5/16, X50-0 00, , A
: 1, 1F 3/8, X16-0 00, , A
: 1, 3G 10.0, X16-0 00, , A
: 2, PI 011 5/8 X00 3/8, X 4-0 00, PA, 44W, P-2-S, , , A
: 2, 9MC25.4, X 1-10 00, G768, A36, , P218, 2, , A

BOTH FLGS
TYP
A739
C739
B739
1'-F
1'-1
BOTH FLGS
B739
C739

SECTION - A-A

C747
1 13/16 SLOTS
L-AD
PL-PA
FULL LENGTH OF PL PA
30°

SECTION - B-B

C761
PL-PA

SECTION - C-C

SHOP NOTES
MATERIAL G40.21-44W U/N
E70 SERIES ELECTRODES
REF.DWGS.E44, E45, 9130, E118A, CW2, 9172, E118

Nov 4/95

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 HY	DATE 20AUG85	SQUAD FR	PROJECT: 7 WORLD TRADE CENTER		CONTRACT	DWG.NO.
CHK'D 28 BF	DATE OCT 30/95		DETAIL: COLUMN (23RD TIER) ZONE 4		84-153	4038