A1450

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

1'-8 3/8 PLUS 1/16 MINUS 0

HOLES (1"A490)

1-PL A763

1-PL A763

MILL

ELEV. 491'-0 (FIN. 15TH FLOOR)

22'-0

3'-6

5 1/2

12'-9

1-1 1/4 4

C768R (NS)

5/8 RET T&B

1-2 5/8 1-2 5/8

PB1309 (NS)

PD1309

PC1309

PC1309

A PC1309 A

+FB, 14, HT BOLT 1 X 5, 490, F., A
1-PL H752

+FB, 14, HT BOLT 1 X 5, 490, F., A
1-PL H752

FILLS

FILLS

1-L AD (NS)

G766 (FS)

W 36 3/4 X 300 GIRDER B

W 36 3/4 X 300 GIRDER A

HOLES (1DIA A490)

B

B

HOLES (1DIA A490)

683=1'-6

683=1'-6

+FB, 7, HT BOLT 1 X 3 1/4, 490, F., A
1-PL A753 (OFFSET)

+FB, 7, HT BOLT 1 X 3 1/4, 490, F., A
1-PL A753 (OFFSET)

B766 (FS)

1-2 1/4

1-2 5/16

1-2 5/16

1-2 1/4

+FB, 14, HT BOLT 1 X 4 1/4, 490, F., A
1-PL H752

1-1 1/8 1-1 1/8

+FB, 14, HT BOLT 1 X4 1/4, 490, F., A
1-PL H752

MA1447

1-1 1/4 4

BOTH FLGS

BOTH FLGS

18'-5 11/16

18'-5 11/16

1-2 11 1/2

DRILLED HOLE

A763

1-2 1/2 @83=9

NO WELD 4

5/16 EFFECTIVE

X 7/8 SLOTS

1-L C768R

1'-9 7/8

9 7/8

23'-9 7/8

1-PL PB1309

+FB, 2, HT BOLT 7/8 X 2 3/4, 325, F., A
1-L G766

1-PL PD1309

22'-9 7/8

2-PL PC1309

FILLS

AD

SLOTS

21'-6 1/2

21'-6 7/8

W23 5/8X55

3'-6 7/8

19'-6 7/8

1-L B766
+FB, 2, HT BOLT 7/8 X 2 3/4, 325, F., A

1-MC-MA1447

18'-5 1/8

ELEV. 478'-3 (FIN. 14TH FLOOR)

9'-3

5 1/2

12'-9

C768R (NS)

5/8 RET T&B

PD1309

PC1309

PB1309 (NS)

PC1309

+FB, 14, HT BOLT 1 X5, 490, F., A
1-PL H752

+FB, 14, HT BOLT 1 X 5, 490, F., A
1-PL H752

1-L AD (NS)

G766 (FS)

W 36 3/4 X 300 GIRDER B

W 36 3/4 X 300 GIRDER A

HOLES (1DIA A490)

B

B

HOLES (1DIA A490)

683=1'-6

683=1'-6

+FB, 7, HT BOLT 1 X 3 1/4, 490, F., A
1-PL A753 (OFFSET)

+FB, 7, HT BOLT 1 X 3 1/4, 490, F., A
1-PL A753 (OFFSET)

B766 (FS)

1-2 1/4

1-2 5/16

1-2 5/16

1-2 1/4

+FB, 14, HT BOLT 1 X4 1/4, 490, F., A
1-PL H752

1-1 1/8 1-1 1/8

+FB, 14, HT BOLT 1 X4 1/4, 490, F., A
1-PL H752

MA1447

1-1 1/4 4

BOTH FLGS

BOTH FLGS

5'-8 11/16

5'-8 11/16

1-2 11 1/2

DRILLED HOLE

A763

1-2 1/2 @83=9

NO WELD 4

5/16 EFFECTIVE

X 7/8 SLOTS

1-L C768R

1'-9 7/8

9 7/8

11'-0 7/8

1-PL PB1309

+FB, 2, HT BOLT 7/8 X 2 3/4, 325, F., A
1-L G766

1-PL PD1309

10'-0 7/8

2-PL PC1309

FILLS

AD

SLOTS

8'-9 1/2

8'-9 7/8

W23 5/8X55

3'-6 7/8

6'-9 7/8

1-L B766
+FB, 2, HT BOLT 7/8 X 2 3/4, 325, F., A

1-MC-MA1447

5'-8 1/8

ELEV. 465'-6 (FIN. 13TH FLOOR)

3'-6

MILL

EAST

1-8 1/4

1-FILL-FB (NS)

3 13/16

1-FILL-FC
1-FILL-FA
2-HT BOLT 1 X 5 3/4 (A490)
2-HT WASHER 1 (325)
(WRENCH TIGHT)

1-FILL-FC
1-FILL-FA
2-HT BOLT 1 X 5 3/4 (A490)
2-HT WASHER 1 (325)
(WRENCH TIGHT)

HOLES (1DIA.A490)

5/16

PLUS 0 MINUS 1/16

1-8 7/8

A1442

+FB, 16, HT BOLT 1 X 6 1/2, 490, F., A
+FB, 6, HT BOLT 1 X 5, 490, F., A
+FB, 4, HT BOLT 1 X 4 3/4, 490, F., A

HOLES (1DIA.A490)

FILL-FA/FC

3 1/2

11 1/2 BOTH FLGS (TYP)

COL 49

*DIV 1509, A1449, 1, W14X550, X 25-6 00, A36, M2E COL, P13, 4.
(W 20 1/4 X 17 1/4 X 2 3/8 @ 550)

MATERIAL

: 2, PI 005 1/4 X00 3/8, X 0-7 1/2, PD1309, 44W, , , , A
: 8, PI 012 00 X00 7/8, X 2-0 1/2, H752, 44W, P1E, , , A
: 4, PI 005 00 X00 1/2, X 1-9 1/2, A753, 44W, , , , A
: 2, PI 018 7/8 X00 1/2, X 2-5 1/2, PB1309, 44W, BENT, , , A
: 4, PI 007 1/2 X00 3/8, X 0-10 3/4, PC1309, 44W, , , , A
: 2, PI 015 00 X00 5/8, X 2-1 1/2, A763, 44W, , , , A
: 1, PI 010 00 X00 5/8, X 1-2 00, A764, 44W, , , , A
: 2, PI 015 00 X00 1/8, X 1-4 1/2, FA, 44W, , , , A
: 2, L 6 X 4 X 5/16, X 1-10 1/2, C768R, 44W, , , , A
: 2, L 4 X 4 X 3/8, X 1-0 1/2, G766, 44W, , , , A
: 2, L 8 X 4 X 3/4, X 1-0 1/2, B766, 44W, , , , A
: 2, L 3 X 3 X 3/8, X 0-8 00, AD, 44W, , , , A
: 2, HT BOLT 1 X 4 3/4, , , 490, , , , A
: 6, HT WASHER 1 , , , 325, , , , A
: 4, HT BOLT 1 X 5 3/4, , , 490, , , , A
+FB, 166, HT WASHER 1, 325, , , A
: 1, 1F 3/16, X 12-0 00, , A
: 1, 1F 5/16, X 39-0 00, , A
: 1, 1F 3/8, X 6-0 00, , A
: 1, 1F 1/2, X 4-0 00, , A
: 1, 6G 1/2, X 4-0 00, , A
: 1, 6G 1/4, X 4-0 00, , A
: 2, PI 015 00 X00 3/16, X 1-4 1/2, FC, 44W, , , , A
: 1, PI 006 1/2 X00 1/8, X 0-9 1/2, FB, 44W, , , , A
: 2, 9MC25.4, X 2-1 1/2, MA1447, A36, , P217, 2, , A

603=1'-6 1-2 5/8 1-2 5/8 603=1'-6

G766

H752 H752

AD

PB1309

PC1309 PC1309

PD1309

1-5 1/2 1-0

SECTION A-A

HOLES

B766

A753 A753

1-1 1/8 1-1 1/8

SECTION B-B

SHOP NOTES
MATERIAL G40.21 44W U/N
E70 SERIES ELECTRODES
REF. D1AG'S E14/15, 9109, 9102, E117, E118A, CW-1

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 1 DIA A490

Jenna 26/85

R	3	DATE	BY	SPEC AS NOTED	FRANKEL STEEL LIMITED		
E	2	DATE	BY	HOLES 1 3/16 D1A U/N	220 ATTWELL DRIVE, UNIT 1, REXDALE, ONTARIO M9W 5B2		
V	1	DATE	BY	FINISH NONE			
MADE 27 M.X.		DATE MAY 85	SQUAD FR	PROJECT: 7 WORLD TRADE CENTER	CONTRACT 84-152	DWG. NO. 1449	
CHK'D 28 GM		DATE REVISED 25/85		DETAIL: COLUMN (8TH TIER) (ZONE 2)			