A1450
A

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

Ø 1 1/16 HOLES (1"A490)

1-PL A763

1-PL A763

MILL

(FIN. 17TH FLOOR)
(FIN. 19TH FLOOR)
(FIN. 21ST FLOOR)

3'-6

22'-0

5 1/2

12'-9

5/16 5/16

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 A

+FB, 14, HT BOLT 1 X 4 3/4, 490, F., A
1-PL H752

+FB, 14, HT BOLT 1 X 4 3/4, 490, F., A
1-PL H752

FILLS 5/8

FILLS 5/8

1-L AD (NS)

G766 (FS)

W 36 1/2 X 280 GIRDER B

W 36 1/2 X 280 GIRDER A

Ø 1 1/16 HOLES (1DIA A490)

B B

Ø 1 1/16 HOLES (1DIA A490)

683=1'-6

683=1'-6

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

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

B766 (FS)

1-2

1-2 1/16

+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

1-2

1-2 1/16

18'-5 15/16

MA1447

1-1 1/4 4

3/8 BOTH FLGS

3/8 BOTH FLGS

18'-5 15/16

5/16 5/16

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 A

+FB, 14, HT BOLT 1 X4 3/4, 490, F., A
1-PL H752

+FB, 14, HT BOLT 1 X 4 3/4, 490, F., A
1-PL H752

FILLS 5/8

FILLS 5/8

1-L AD (NS)

G766 (FS)

W 36 1/2 X 280 GIRDER B

W 36 1/2 X 280 GIRDER A

Ø 1 1/16 HOLES (1DIA A490)

B B

Ø 1 1/16 HOLES (1DIA A490)

683=1'-6

683=1'-6

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

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

B766 (FS)

1-2

1-2 1/16

+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

1-2

1-2 1/16

5'-8 15/16

MA1447

1-1 1/4 4

3/8 BOTH FLGS

3/8 BOTH FLGS

5'-8 15/16

(FIN 15TH FLOOR)
(FIN. 17TH FLOOR)
(FIN. 19TH FLOOR)

MILL

3'-6

9'-3

12'-9

5 1/2

EAST

1-8 1/4

3 13/16

3 3

2 3

Ø 1 1/16 HOLES (1DIA.A490)

+FB, 10, HT BOLT 1 X 4 3/4, 490, F., A
+FB, 16, HT BOLT 1 X 6 1/4, 490, F., A

A1449
A1450

13/16 11 1/2

Ø 2 1/4 DRILLED HOLE

5/8

1-2 1/2 383=9

A763

NO WELD 4

5/16 EFFECTIVE

1-L C768R

3/8 X 7/8 SLOTS

1'-9 7/8

9 7/8

23'-9 7/8

22'-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

2-PL PC1309

FILLS 3/8

5 1/2

AD

1 1/16 X 15/16 SLOTS

2 1/4

5/16 5/16

3 3

M23 5/8X55

21'-6 1/2

21'-6 7/8

8

3'-6 7/8

3/8 X 7/8 SLOTS

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

1-L C768R

3/8 X 7/8 SLOTS

1'-9 7/8

9 7/8

11'-0 7/8

10'-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

2-PL PC1309

FILLS 3/8

5 1/2

AD

1 1/16 X 15/16 SLOTS

2 1/4

5/16 5/16

3 3

M23 5/8X55

8'-9 1/2

8'-9 7/8

8

3'-6 7/8

3/8 X 7/8 SLOTS

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

Ø 1 1/16 HOLES (1DIA.A490)

3 1/2 1 383=9

11 1/2 BOTH FLGS (TYP)

*DIV 1709, A1450, 1, W14X550, X 25-6 00, A36, M2E COL, P13, 4.
*DIV 1909, A1450, 1, W14X550, X 25-6 00, A36, M2E COL, P13, 4.
*DIV 2109, A1450, 1, W14X550, X 25-6 00, A36, M2E COL, P13, 4.
(W 20 1/4 X 17 1/4 X 2 3/8 @ 550)

COL 49
COL 49
COL 49

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, 9MC25.4, X 2-1 1/2, MA1447, A36, , P217, 2, , 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
: 2, HT WASHER 1 . . . 325, ... 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 8-0 00, . A
: 1, 6G 1/4, X 8-0 00, . A

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

(4 1/2) 4 1/4 4 (4 1/2)

G766

5/16

1 45° 4 1/2 1 45° 2

5 1/2 3/4 3/4 5 1/2

H752 AD H752

5/16 5/16

PB1309
PC1309
PD1309

PC1309

5/16 5/16

3/8

1/2

1 R

4 3/8 5 1/2 9 1/2

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

3 1/2

1-5 1/2 1-0

SECTION A-A

Ø 15/16 HOLES

4 1/4 4

5/16 5/16

B766

5/16 5/16

7/16 7/16

A753 A753

(3) (3)

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 E16 TO E21, 9109, 9110, 9102, E117, E118A, CW-1

July 3/85

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 1 DIA A490

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	DWG. NO.
CHK'D 28 GM	DATE July 5/85		DETAIL: COLS (9TH, 10TH, 11TH, TIER) (ZONE 2)	84-152	1450