A1448

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 1/16 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

5/16 5/16

C768R (NS)

1 1/4 1/4 4

5/16

5/8 RET T&B

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

A767 (NS)

B767

B767

A A

A 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 5/8

FILLS 5/8

1-L AD (NS)

G766 (FS)

Ø 1/16 HOLES (1DIA A490)

B B

Ø 1/16 HOLES (1DIA A490)

B B

693=1'-6

693=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)

W 36 3/4 X 300
GIRDER B

W 36 3/4 X 300
GIRDER A

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 3/4 1-1 1/4 4

3/8 BOTH FLGS

3/8 BOTH FLGS

18'-5 11/16

18'-5 11/16

1 3/4 11 1/2

Ø 2 1/4 DRILLED HOLE

5 3/4

1/32

A763

1-2 1/2 393=9

3/32

NO WELD 4

5/16 EFFECTIVE

3/8

1'-9 7/8

9 7/8

22'-9 7/8

21'-6 1/2

3'-6 7/8

18'-5 1/8

3 2 X 7/8 SLOTS

1-LC768R

1-PL A767

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

5/16

2-PL B767

AD

5/16 3 3

1/16 1/4 X 15/16 SLOTS

2 1/4

FILLS 3/8

5/16

M23 5/8X55

8

21'-6 7/8

19'-6 7/8

3 2 X 7/8 SLOTS

4 1/2

1-MC-MA1447

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

*DIV 1509, A1447, 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 50

MATERIAL

: 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 017 7/8 X00 1/2, X 2-4 00, A767, 44W, BENT, . . . A
: 4, PI 006 1/2 X00 3/8, X 0-10 3/4, B767, 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
: 6, HT WASHER 1 . . . 325, ... A
: 2, PI 015 00 X00 1/8, X 1-4 1/2, FA, 44W, ... 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, 1G 1/2, X 4-0 00, , A
: 1, 1G 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
: 4, HT BOLT 1 X 5 3/4, , 490, ... A

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

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

5/16

G766

1 45 4 1/2 2 45

5/8 3/4 5/8 3/4

H752 H752

AD

5/16 5/16 1/2

3/16 3/16

1"R

A767 B767

3/8 1/2

9 1/2 9 1/2

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

B767

1/2

1-3 1/2 1-0 1/2

SHOP NOTE!
BRACKET OFFSET 1 1/2" TO EAST

SECTION A-A

Ø 15/16 HOLES

4 1/2 4

B766

5/16 5/16 5/16 5/16

1/2 1/2

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 E14, E15, 9102, 9109, 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.

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

9'-3

5 1/2

12'-9

5/16 5/16

C768R (NS)

1 1/4 1/4 4

5/8 RET T&B

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

A767 (NS)

B767

B767

A A

A A

+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

FILLS 5/8

FILLS 5/8

1-L AD (NS)

G766 (FS)

Ø 1/16 HOLES (1DIA A490)

B B

Ø 1/16 HOLES (1DIA A490)

B B

693=1'-6

693=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)

W 36 3/4 X 300
GIRDER B

W 36 3/4 X 300
GIRDER A

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 3/4 1-1 1/4 4

3/8 BOTH FLGS

3/8 BOTH FLGS

5'-8 11/16

5'-8 11/16

1 3/4 11 1/2

1/32

A763

1-2 1/2 393=9

3/32

NO WELD 4

5/16 EFFECTIVE

3/8

1'-9 7/8

9 7/8

10'-0 7/8

8'-9 1/2

3'-6 7/8

5'-8 1/8

3 2 X 7/8 SLOTS

1-LC768R

1-PL A767

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

5/16

2-PL B767

AD

5/16 3 3

1/16 1/4 X 15/16 SLOTS

2 1/4

FILLS 3/8

5/16

M23 5/8X55

8

8'-9 7/8

6'-9 7/8

3 2 X 7/8 SLOTS

4 1/2

1-MC-MA1447

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

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)

Ø 1/16

1/8 2/2

3 3

2 3

5/16

PLUS 0 MINUS 1/16

1-8 7/8

+FB, 6, HT BOLT 1 X[illegible] 490, F., A
+FB, 4, HT BOLT 1 X4 3/4, 490, F., A
+FB, 16, HT BOLT 1 X8 1/2, 460, F., A

A1441

Ø 1/16 HOLES (1DIA.A490)

FILL-FA /FC

3 1/2 383=9 4

11 1/2 BOTH FLGS (TYP)

FOR 1 DIA A490

June 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. 1447
CHK'D 28 GM	DATE JUNE 25/85		DETAIL: COLUMN (8TH TIER) (ZONE 2)		