A1443

1- PL A764 (NS)
2-HT BOLT 1 X 5 (490)
2-HT WASHER 1 DIA (325)
(WRENCH TIGHT)

1'-9 PLUS 1/16 MINUS 0

HOLES (1"A490)

1-PL A763

1-PL A763

MILL

FIN. 11TH FLOOR (FIN. 13TH FLOOR)

22'-0

3'-6

5 1/2

12'-9

C768R (NS)

1-1 1/4 4

1-2 15/16 1-2 15/16

PB1310 (NS)

PC1309

PD1309

PC1309

PD1309

A

A

FILLS

+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

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)

603=1'-6

603=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)

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

1-PL H752

1-1 7/16 1-1 7/16

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

1-PL H752

1-2 5/16

1-2 1/4

1-2 5/16

1-2 1/4

TYP

TYP

1-1 1/4 4

5/8 RET T&B

C768R (NS)

18'-5 11/16

18'-5 11/16

DETAIL-'X'

1-ft. 12½ x 1¾ x 1'-4 pc (CUT TO FIT)

1-ft. 12½ x 1¾ x 1'-1 pb (CUT TO FIT)

DRILLED HOLE ONE

DRILLED HOLE

BOTH FLGS. TYP

SEE DET-'X'

1-L C768R

1-PL PB1310

2-PL PC1309

2-PL PD1309

1-Rpx

AD

1-L G766

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

A763

NO WELD 4

5/16 EFFECTIVE

FILLS

1 X 15/16 SLOTS

W23 5/8X55

7/8 SLOTS

1-L B766

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

1-L C768R

18'-5 1/8

FOR ADD'L SHOPWORK SEE DWG. 9153

FIN. 9TH FLOOR

FIN. 10TH FLOOR (FIN. 12TH FLOOR)

9'-3

12'-9

5 1/2

C768R (NS)

1-1 1/4 4

1-2 15/16 1-2 15/16

PB1310 (NS)

PC1309

PD1309

PC1309

PD1309

A

A

FILLS

+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

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)

603=1'-6

603=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)

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

1-PL H752

1-1 7/16 1-1 7/16

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

1-PL H752

1-2 5/16

1-2 1/4

1-2 5/16

1-2 1/4

TYP

TYP

1-1 1/4 4

5/8 RET T&B

C768R (NS)

5'-8 11/16

5'-8 11/16

1-L C768R

1-PL PB1310

2-PL PC1309

2-PL PD1309

1-RPX

AD

1-L G766

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

FILLS

1 X 15/16 SLOTS

W23 5/8X55

7/8 SLOTS

1-L B766

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

1-L C768R

5'-8 1/8

EAST

1-8 7/8

4 3/16

MILL

FIN. 9TH FLOOR

FIN. 11TH FLOOR

3'-6

HOLES 1" A490

10 - 1" x 5" (A490)

16 - 1" x 6½" (A490)

HOLES 1" A490

1½ BOTH FLG'S

A1310
A1443

*DIV 1109, A1443, 1, W14X605, X 25-6 00, A36, M2E COL, P13, 21, (W 20 7/8 X 17 3/8 X 2 5/8 @ 605)

*DIV. 1309, A1443 1.

COL 48

COL 48

NOTE

HAND WRITTEN BILL REQUIRED

MATERIAL

8, PI 005 1/4 X00 3/8, X 0-7 1/2, PD1309, 44W, ... A
16, PI 012 00 X00 7/8, X 2-0 1/2, H752, 44W, P1E, . . . A
8, PI 005 00 X00 1/2, X 1-9 1/2, A753, 44W, ... A
4, PI 018 7/8 X00 1/2, X 2-8 00, PB1310, 44W, BENT, . . . A
8, PI 007 1/2 X00 3/8, X 0-10 3/4, PC1309, 44W, ... A
4, PI 015 00 X00 5/8, X 2-1 1/2, A763, 44W, ... A
2, PI 010 00 X00 5/8, X 1-2 00, A764, 44W, ... A
~~4, PI 018 00 X01 00, X 2-00 00, PA, 44W, . . . A~~
8, L 6 X 4 X 5/16, X 1-10 1/2, C768R, 44W, ... A
4, L 4 X 4 X 3/8, X 1-0 1/2, G766, 44W, ... A
4, L 8 X 4 X 3/4, X 1-0 1/2, B766, 44W, ... A
4, L 3 X 3 X 3/8, X 0-8 00, AD, 44W, ... A
4, HT BOLT 1 X 5, . . 490, ... A
4, HT WASHER 1 . . . 325, ... A

~~4, HT WASHER 1, 325, . . A~~
1, 1F 3/16, X 24-0 00, . A
1, 1F 5/16, X 78-0 00, . A
1, 1F 3/8, X 12-0 00, . A
1, 1F 1/2, X 8-0 00, . A
1, 6G 1/2, X 8-0 00, . A
1, 6G 1/4, X 8-0 00, . A

2-PL 12½ x 1¾ x 1'-4 pc 44W Cut To Fit
2-PL 12½ x 1¾ x 1'-1 pb 44W Cut To Fit
4-PL 5¾ x 1'2 x 2'-8 px

603=1'-6 1-2 15/16 1-2 15/16 603=1'-6

(4½) 4½ 4 (4½)

5/16

G766

1 1/4 45°

5/8 23/24 5/8

AD

H752

H752

TYP

TYP

PD1309

PC1309

PB1310

PC1309

PD1309

TYP

1" R

B½ 10½ 4½

8½ 5½ 5½ 8½

1'-8½ 6½ 7½

SECTION A-A

15/16 HOLES

4½ 4

B766

5/16 5/16 5/16

1/2

1/2

A753

A753

(3) (3)

1-1 7/16 1-1 7/16

SECTION B-B

FIELD BOLTS A325 U/N

32 - 1" H.T. BOLTS x 6½ - A490
132 - 1" x 5
112 - 1" x 4¼
56 - 1" x 3¼

16 - 7/8" H.T. BOLTS x 2¾

332 - 1" H.T. WASHERS A325

SHOP NOTES

MATERIAL G40.21 44W U/N
E70 SERIES ELECTRODES
REF. D1AG'S E10/11, 9105, 9102, E117, E118A, CW-1
E12/13

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

June 5/85

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 JULY 6/85	BY GM	FINISH NONE		
MADE 27 M.X.	DATE MAY 85	SQUAD FR	PROJECT: 7 WORLD TRADE CENTER	CONTRACT 84-152	DWG. NO. 1443
CHK'D 28 JIM	DATE 31 MAY		DETAIL: COLUMNS (6TH & 7TH TIERS) (ZONE 2)		