A1418

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

1-PL A763

HOLES (1"A490)

1-PL A763

ELEV. 542'-0 (FIN. 19TH FLOOR)

MILL

3'-6

5 1/2

22'-0

12'-9

A768 (NS)

BOTH FLGS

BOTH FLGS

1-2 5/16 1-2 5/16

A767 (NS)

B767

B767

A

A

FILLS

+FB, 12, HT BOLT 1 X 4 1/4, 490, F., A
1-PL A752

+FB, 10, HT BOLT 1 X 4 1/4, 490, F., A
1-PL G752

FILLS

1-L AD (NS)

H766 (FS)

B

B

HOLES (1DIA A490)

W 36 3/4 X 210 GIRDER A

583=1'-3

+FB, 6, HT BOLT 1 X 3, 490, F., A
1-PL C753 (OFFSET)

C766 (FS)

HOLES (1DIA A490)

+FB, 6, HT BOLT 1 X 3, 490, F., A
1-PL C753 (OFFSET)

+FB, 12, HT BOLT 1 X3 3/4, 490, F., A
1-PL A752

1-0 13/16 1-0 13/16

+FB, 10, HT BOLT 1 X3 3/4, 490, F., A
1-PL G752

W 36 3/4 X 210 GIRDER B

1'-5 1/4

1'-5 5/16

18'-5 11/16

G768 (NS)

BOTH FLGS

BOTH FLGS

5 5/8 5 5/8

1-L A768

1-PL A767

2-PL B767

AD

1-L H766

+FB, 2, HT BOLT 7/8 X 2 1/2, 325, F., A

1-L C766

+FB, 2, HT BOLT 7/8 X 2 1/2, 325, F., A

1-C G768

DRILLED HOLE

A763

NO WELD

5/16 EFFECTIVE

1-PL PAB

1-PL PAC

TYP BOTH FLANGES

DRILLED HOLE

PL PAB/PAC

PAB

PAC

MATERIAL

4, PI 012 00 X00 3/4 X 1-9 1/2, A752, 44W, , , , A
4, PI 012 00 X00 5/8, X 1-6 1/2, G752, 44W, ... A
4, PI 005 00 X00 1/2, X 1-6 1/2, C753, 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
1, PI 011 00 X01 3/4, X 1-0 1/2, PAB, 44W, ... A
1, PI 010 00 X01 3/4, X 1-0 1/2, PAC, 44W, ... A
2, 9 MC 25.4 x 1-10, G768, A36, P217, 2, A
2, L 6 X 4 X 5/16, X 2-6 00, A768, 44W, ... A
2, L 4 X 4 X 3/8, X 1-0 1/2, H766, 44W, ... A
2, L 6 X 4 X 3/4, X 1-0 1/2, C766, 44W, ... A
2, L 3 X 3 X 3/8, X 0-8 00, AD, 44W, ... A
2, HT BOLT 1 X 4 1/4, . . 490, ... A
2, HT WASHER 1 . . . 325, ... A

+FB, 146, HT WASHER 1, 325, . . A
1, 1F 3/16, X 12-0 00, , A
1, 1F 5/16, X 33-0 00, , A
1, 1F 3/8, X 6-0 00, , A
1, 1F 1/2, X 4-0 00, , A
1, 1G 5/8, X 4-0 00, , A
1, 1G 1 1/2 x 4-2 00, A
1, 1G 1 3/4, X 2-0 00, , A

PP

5/8 45°

503=1'-3 1-2 5/16 1-2 5/16 503=1'-0

H766

P.P.

A752

AD

G752

TYP

TYP

A767

B767

B767

TYP

SECTION A-A

HOLES

C766

C753

C753

1-0 13/16 1-0 13/16

SECTION B-B

ELEV. 529'-3 (FIN. 18TH FLOOR)

9'3

12'-9

5 1/2

A768 (NS)

BOTH FLGS

BOTH FLGS

1-2 5/16 1-2 5/16

A767 (NS)

B767

B767

A

A

FILLS

+FB, 12, HT BOLT 1 X 4 1/4, 490, F., A
1-PL A752

+FB, 10, HT BOLT 1 X 4 1/4, 490, F., A
1-PL G752

FILLS

1-L AD (NS)

H766 (FS)

B

B

HOLES (1DIA A490)

W 36 3/4 X 210 GIRDER A

583=1'-3

+FB, 6, HT BOLT 1 X 3, 490, F., A
1-PL C753 (OFFSET)

C766 (FS)

HOLES (1DIA A490)

+FB, 6, HT BOLT 1 X 3, 490, F., A
1-PL C753 (OFFSET)

+FB, 12, HT BOLT 1 X3 3/4, 490, F., A
1-PL A752

1-0 13/16 1-0 13/16

+FB, 10, HT BOLT 1 X3 3/4, 490, F., A
1-PL G752

W 36 3/4 X 210 GIRDER B

1'-5 1/4

1'-5 5/16

5'-8 11/16

G768 (NS)

BOTH FLGS

BOTH FLGS

5 5/8 5 5/8

1-L A768

1-PL A767

2-PL B767

AD

1-L H766

+FB, 2, HT BOLT 7/8 X 2 1/2, 325, F., A

1-L C766

+FB, 2, HT BOLT 7/8 X 2 1/2, 325, F., A

1-C G768

NO WELD

5/16 EFFECTIVE

1-PL PAB

1-PL PAC

TYP BOTH FLANGES

*DIV 1915, A1417, 1, W14X500, X 25-6 00, A36, M2E COL, P14, 4, (W 19 5/8 X 17 X 2 3/16 @ 500)

COL 18

ELEV. 516'-6 (FIN. 17TH FLOOR)

MILL

3-6

WEST

1-7 5/8

HOLES (1DIA.A490)

3 1/2

383=9

11 1/2 BOTH FLGS (TYP)

HOLES (1DIA.A490)

+FB, 6, HT BOLT 1 X 4 3/4, 490, F., A
+FB, 18, HT BOLT 1 X 4, 490, F., A

A1416

SHOP NOTES
MATERIAL G40.21 44W U/N
E70 SERIES ELECTRODES
REF. D1AG'S E18/19, 9104, 9102, E118A, E117, 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.

June 12/85 R
MAY 24/85

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 JUNE 11/85 BY M.X.		FINISH NONE			
MADE 27 M.X.	DATE MAY 85	SQUAD FR	PROJECT: 7 WORLD TRADE CENTER	CONTRACT 84-152	DWG. NO. 1417
CHK'D 28 JIM	DATE MAY/85		DETAIL: COLUMN (10TH TIER) (ZONE 2)		

X30