A1446

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

(FIN. 17TH FLOOR)
(FIN. 19TH FLOOR)
(FIN. 12ST FLOOR)

22'-0

3'-6

5 1/2

12'-9

A768 (NS)

BOTH FLGS

BOTH FLGS

A767 (NS)

B767

B767

A

A

1-2 5/8

1-2 5/8

+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

FILLS

1-L AD (NS)

G766 (FS)

B

B

HOLES (1DIA A490)

HOLES (1DIA A490)

603=1'-6

603=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)

W 36 1/2 X 280
GIRDER B

W 36 1/2 X 280
GIRDER A

B766 (FS)

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

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

1-1 1/8

1-1 1/8

B768 (NS)
MAI421

BOTH FLGS

BOTH FLGS

1-1/4

1-1/4

18'-5 15/16

18'-5 15/16

11 1/2

DRILLED HOLE

A763

NO WELD 4

5/16 EFFECTIVE

X 7/8 SLOTS

1-L A768

12

5 5/8

BOTH FLANGES

DRILLED HOLE

1-PL A767

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

1-L G766

1-PL PAB

2-PL B767

AD

X 7/8 SLOTS

W23 5/8X55

1-L B766

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

1-MC B768
MAI421

18'-5 1/8

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
: 1, PI 012 1/2 X01 3/4, X 1-1 00, PAB, 44W, ... 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, 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 8-0 00, . A
: 1, 1F 1/2, X 4-0 00, . A
: 1, 1G 1/4, X 8-0 00, . A
: 1, 1G 1/2, X 8-0 00, . A
: 1, 1G 3/8, X 1-0 00, . A
: 2, 9MC25.4, X ~~2-10, B768~~ A36, , P217, 2, . A
C2-6, MAI421

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

G766

AD

H752 TYP

H752

A767

B767

TYP

TYP

SHOP NOTE!
BRACKET OFFSET 1/2" TO WEST

SECTION A-A

HOLES

B766

A753

A753

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

SECTION B-B

(FIN. 16TH FLOOR)
(FIN. 18TH FLOOR)
(FIN. 20TH FLOOR)

9'-3

5 1/2

12'-9

A768 (NS)

BOTH FLGS

BOTH FLGS

A767 (NS)

B767

B767

A

A

1-2 5/8

1-2 5/8

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

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

FILLS

FILLS

1-L AD (NS)

G766 (FS)

B

B

HOLES (1DIA A490)

HOLES (1DIA A490)

603=1'-6

603=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)

W 36 1/2 X 280
GIRDER B

W 36 1/2 X 280
GIRDER A

B766 (FS)

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

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

1-1 1/8

1-1 1/8

B768 (NS)
MAI421

BOTH FLGS

BOTH FLGS

1-1/4

1-1/4

5'-8 15/16

5'-8 15/16

X 7/8 SLOTS

1-L A768

1-PL A767

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

1-L G766

2-PL B767

AD

X 7/8 SLOTS

W23 5/8X55

1-L B766

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

1-MC B768
MAI421

5'-8 1/8

*DIV 1710, A1446, 1, W14X550, X 25-6 00, A36, M2E COL, P13, 4,
*DIV 1910, A1446, 1, W14X550, X 25-6 00, A36, M2E COL, P13, 4,
*DIV 2110, A1446, 1, W14X550, X 25-6 00, A36, M2E COL, P13, 4,
(W 20 1/4 X 17 1/4 X 2 3/8 @ 550)

SHOP NOTES
MATERIAL 640.21 44W U/N
E70 SERIES ELECTRODES
REF. D1AG'S E16 TO E21, 9102, 9109, 9110, 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.

July 8/85 R
June 28/85

FOR 1 DIA A490

EAST

1-8 1/4

3 13/16

HOLES (1DIA.A490)

MILL

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

3-6

HOLES (1DIA.A490)

3 1/2

11 1/2 BOTH FLGS (TYP)

COL 51

COL 51

COL 51

+FB, 10, HT BOLT 1 X4 3/4, 490, F., A
+FB, 15, HT BOLT 1 X4 1/4, 490, F., A

A1445
A1446

R	3	DATE	BY	SPEC	AS NOTED	FRANKEL STEEL LIMITED	
E	2	DATE	BY	HOLES	1 3/16 D1A U/N		
V	1	DATE JULY 2/85	BY GM	FINISH	NONE	220 ATTWELL DRIVE, UNIT 1, REXDALE, ONTARIO M9W 5B2	
MADE 27 M.K.		DATE MAY 85	SQUAD FR	PROJECT: 7 WORLD TRADE CENTER		CONTRACT 84-152	DWG. NO. 1446
CHK'D 28 GM		DATE JUNE 27/85		DETAIL: COLS (9TH 10TH, 11TH (ZONE 2)			

MAI421