A1991

1- PL A764 (NS)
2-HT BOLT 1X4 1/4 (490)
2-HT WASHER 1 DIA (325)
(WRENCH TIGHT)

HOLES (1"A490)

1-PL A763

1-PL A763

MILL

(EL. 726'-6)
(FIN. 33RD FLOOR)

3'-6

5 1/2

22'-0

12'-9

A768 (NS)

BOTH FLGS

BOTH FLGS

1-1 1/4

1-1 1/4

1-1 13/16

1-1 13/16

A789 (NS)

B789

B789

A

A

FILLS

FILLS

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

1-PL G752

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

1-PL G752

1-L AD (NS)

G766 (FS)

W 35 7/8 X 230
GIRDER B

W 35 7/8 X 230
GIRDER A

HOLES (1DIA A490)

HOLES (1DIA A490)

B

B

583=1'-3

583=1'-3

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

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

B766 (FS)

1-4 3/8

1-4 7/16

1-4 7/16

1-4 3/8

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

1-PL G752

1-0 5/16

1-0 5/16

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

1-PL G752

MA1421 (NS)

BOTH FLGS

BOTH FLGS

1-1 1/4

1-1 1/4

18'-6 9/16

18'-6 9/16

1'-9 7/8

9 7/8

23'-9 7/8

22'-9 1/2

21'-6 1/2

3'-6 7/8

18'-5 1/8

DRILLED HOLE

11 1/2

A763

1-2 1/2

NO WELD 4

X 7/8 SLOTS

1-L A768

1-PL A789

1-L G766

2-PL B789

AD

1-MC-MA1421

1-E PAB

BOTH FLANGES

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

DRILLED HOLE

PL PAB

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

W23 5/8X55

1-0

22'-9 1/2

21'-6 7/8

19'-6 7/8

10 1/2

6 1/2

6 1/2

1 1/2

1 1/2

403=1'-0 1-1 13/16 1-1 13/16 403=1'-0

P.P.

G766

G752

G752

AD

A789

B789

B789

1"R

SHOP NOTE!
BRACKET OFFSET 1/2" TO WEST

SECTION A-A

(EL. 713'-9)
(FIN. 32ND FLOOR)

9'-3

5 1/2

12'-9

A768 (NS)

BOTH FLGS

BOTH FLGS

1-1 1/4

1-1 1/4

1-1 13/16

1-1 13/16

A789 (NS)

B789

B789

A

A

FILLS

FILLS

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

1-PL G752

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

1-PL G752

1-L AD (NS)

G766 (FS)

W 35 7/8 X 230
GIRDER B

W 35 7/8 X 230
GIRDER A

HOLES (1DIA A490)

HOLES (1DIA A490)

B

B

583=1'-3

583=1'-3

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

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

B766 (FS)

1-4 3/8

1-4 7/16

1-4 7/16

1-4 3/8

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

1-PL G752

1-0 5/16

1-0 5/16

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

1-PL G752

MA1421 (NS)

BOTH FLGS

BOTH FLGS

1-1 1/4

1-1 1/4

5'-9 9/16

5'-9 9/16

1'-9 7/8

9 7/8

11'-0 7/8

10'-0 7/8

8'-9 1/2

3'-6 7/8

5'-8 1/8

X 7/8 SLOTS

1-L A768

1-PL A789

2-PL B789

AD

1-MC-MA1421

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

1-L G766

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

W23 5/8X55

8'-9 7/8

6'-9 7/8

SECTION B-B

*DIV 3310, A1974, 1, W14X426, X 25-6 00, A36, M2E COL, P87, 3,
(W 18 5/8 X 16 3/4 X 1 7/8 X 426)

COL 51

EAST

3 1/16

1-6 5/8

1-FILL PL-FA

1-FILL PL-FA

HOLES (1DIA.A490)

1-6 7/8 PLUS 0 MINUS 1/16

3-6

(EL. 701'-0)
(FIN. 31ST FLOOR)

FA

HOLES (1DIA.A490)

11 1/2 BOTH FLGS (TYP)

3 1/2

+FB, 10, HT BOLT 1 X4 1/4, 490, F., A
+FB, 16, HT BOLT 1 X5 1/2, 490, F., A

A1972

MATERIAL

: 2, PI 013 00 X00 1/8, X 1-3 00, FA, 44W, , , , A
: 8, PI 012 00 X00 5/8, X 1-6 1/2, G752, 44W, P1E, , , A
: 4, PI 005 00 X00 1/2, X 1-6 1/2, C753, 44W, , , , A
: 2, PI 018 1/4 X00 1/2, X 2-4 00, A789, 44W, BENT, , , A
: 4, PI 006 1/2 X00 3/8, X 0-11 1/4, B789, 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 2-6 00, MA1421, 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, 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 1/4, , 490, , , , A
: 2, HT WASHER 1 , , , 325, , , , A
: 1, PI 012 1/2 X01 3/4, X 1-1 00, PAB, 44W, , , , A
+FB, 130, HT WASHER 1, 325, , , A
: 1, 1F 3/16, X 12-0 00, , A
: 1, 1F 5/16, X 43-0 00, , A
: 1, 1F 3/8, X 3-0 00, , A
: 1, 1F 1/2, X 4-0 00, , A
: 1, 1G 3/8, X 1-0 00, , A
: 1, 1G 1/2, X 8-0 00, , A

SHOP NOTES
MATERIAL G40.21 44W U/N
E70 SERIES ELECTRODES
REF. D1AG'S E32, E33, 9144, 9156, E11B, E118A, CW-2

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

Aug 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 H.Y.	DATE 23JUL85	SQUAD FR	PROJECT: 7 WORLD TRADE CENTER	CONTRACT	DWG.NO.
CHK'D 28 GM	DATE AUG 23/85		DETAIL: COLUMN (17TH TIER) (ZONE 3)	84-152	1974