A1569

2- PL B764
2-HT BOLT 1 X 5 1/4 (490)
2-HT WASHER 1 DIA (325)
(WRENCH TIGHT)

1-7 3/4 PLUS 1/16 MINUS 0

HOLES (1"A490)

1-PL A763

1-PL A763

MILL

ELEV. 491'-0 (FIN. 15TH FLOOR)

3'-6

5 1/2

22'-0

12'-9

A768 (NS)

1-1 1/4 1-1 1/4

BOTH FLGS

BOTH FLGS

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

A767 (NS)

B767

B767

A

A

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

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

FILLS

FILLS

1-L AD (NS)

AB1306 (FS)

B

B

HOLES (1DIA A490)

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

+FB, 7, HT BOLT 1 X 3, 490, F., A
1-PL A753 (OFFSET)

AC1306 (FS)

HOLES (1DIA A490)

W 35 7/8 X 230 GIRDER A

W 35 7/8 X 230 GIRDER B

503=1'-6

503=1'-3

1'-1 3/8

1'-1 7/16

1'-4 7/16

1'-4 3/8

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

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

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

G768 (NS)

18'-6 9/16

18'-6 9/16

BOTH FLGS

BOTH FLGS

1'-9 7/8

9 7/8

23'-9 7/8

22'-9 7/8

21'-6 1/2

3'-6 7/8

18'-5 1/8

1-2 1/2

3 3/8=9

A763

DRILLED HOLE

NO WELD 4

5/16 EFFECTIVE

2 X 7/8 SLOTS

1-L A768

1-PL A767

+FB, 2, HT BOLT 7/8 X 2 1/2, 325, F., A
1-L AB1306

2-PL B767

AD

FILLS

W15 7/8X31

21'-6 7/8

20'-2 5/8

1-L AC1306
+FB, 2, HT BOLT 7/8 X 2 1/2, 325, F., A

1-MC-G768

*DIV 1515, A1568, 1, W14X500, X 25-6 00, A36, M2E COL, P14, 4, (W 19 5/8 X 17 X 2 3/16 @ 500)

COL 17

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

9'3

5 1/2

12'-9

3-6

A768 (NS)

1-1 1/4 1-1 1/4

BOTH FLGS

BOTH FLGS

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

A767 (NS)

B767

B767

A

A

C

C

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

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

FILLS

FILLS

1-L AD (NS)

AB1306 (FS)

B

B

HOLES (1DIA A490)

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

+FB, 7, HT BOLT 1 X 3, 490, F., A
1-PL A753 (OFFSET)

AC1306 (FS)

HOLES (1DIA A490)

W 35 7/8 X 230 GIRDER A

W 35 7/8 X 230 GIRDER B

503=1'-6

503=1'-3

1'-1 3/8

1'-1 7/16

1'-4 7/16

1'-4 3/8

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

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

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

G768 (NS)

5'-9 9/16

5'-9 9/16

BOTH FLGS

BOTH FLGS

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

2 X 7/8 SLOTS

1-L A768

1-PL A767

+FB, 2, HT BOLT 7/8 X 2 1/2, 325, F., A
1-L AB1306

2-PL B767

AD

FILLS

W15 7/8X31

8'-9 7/8

7'-5 5/8

1-L AC1306
+FB, 2, HT BOLT 7/8 X 2 1/2, 325, F., A

1-MC-G768

1-7 5/8

3 1/2

WEST

1-FILL PL-FA
2-HT BOLT 1 X 5 1/2 (490)
2-HT WASHER 1 DIA (325)
(WRENCH TIGHT)

1-FILL PL-FA
2-HT BOLT 1 X 5 1/2 (490)
2-HT WASHER 1 DIA (325)
(WRENCH TIGHT)

MILL

HOLES (1DIA.A490)

6

1-8 1/8

1-FILL PL-FB (BS)

ELEV. 465'-6 (FIN. 13TH FLOOR)

3-6

+FB, 16, HT BOLT 1 X 6, 490, F., A
+FB, 6, HT BOLT 1 X 5 1/2, 490, F., A

A1567

HOLES (1DIA.A490)

FA

3 1/2

3 3/8=9 4

11 1/2 BOTH FLGS (TYP)

COL 17

1 1/8 X 15/16 SLOTS

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

AB1306

P.P.

A752

AD

A752

SECTION C-C

CLARIFICATION OF DIMS. FOR HOLES IN L'S AB1306 & AC1306

CL COL.

COL. WEB

AC1306

HLS.

A753

C753

SECTION B-B

TYP

A767

B767

B767

SECTION A-A

MATERIAL

: 2, PI 005 00 X00 1/2, X 1-9 1/2, A753, 44W, , , , , A
: 8, PI 012 00 X00 3/4, X 1-9 1/2, A752, 44W, , , , , A
: 2, 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
: 2, PI 010 00 X00 5/8, X 1-2 00, B764, 44W, , , , , A
: 2, PI 015 00 X00 1/4, X 1-4 1/2, FA, 44W, , , , , A
: 2, PI 006 1/2 X00 1/8, X 0-9 1/2, FB, 44W, , , , , A

: 2, 9MCX25.4, X1-10 00, 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, AB1306, 44W, , , , , A
: 2, L 6 X 4 X 3/4, X 1-0 1/2, AC1306, 44W, , , , , A
: 2, L 3 X 3 X 3/8, X 0-8 00, AD, 44W, , , , A
: 2, HT BOLT 1 X 5 1/4, , , 490, , , , , A
: 4, HT BOLT 1 X 5 1/2, , , 490, , , , , A
: 6, HT WASHER 1 , , , 325, , , , , A

+FB, 144, 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, 16 5/8, X 8-0 00, , A

SHOP NOTES
MATERIAL G40.21 44W U/N
E70 SERIES ELECTRODES
REF. D1AG'S E14, E15, 9103, 9102, 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.

FOR 1 DIA A490

June 10/85

R	3	DATE	BY	SPEC AS NOTED	FRANKEL STEEL LIMITED
E	2	DATE	BY	HOLES 1 3/16 DIA U/N	220 ATTWELL DRIVE, UNIT 1, REXDALE, ONTARIO M9W 5B2
V	1	DATE	BY	FINISH NONE	

MADE 27 MIKIM	DATE 31MAY85	SQUAD FR	PROJECT: 7 WORLD TRADE CENTER	CONTRACT 84-152	DWG. NO. 1568
CHK'D 28 JED	DATE DRAWN JUNE 6/85		DETAIL: COLUMN (8TH TIER) (ZONE 2)		