A1416

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

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

HOLES (1"A490)

1-PL A763

MILL

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

3'-6

5 1/2

22'-0

12'-9

A768 (NS)

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

A767 (NS)

B767

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

FILLS

1-L AD (NS)

H766 (FS)

HOLES (1DIA A490)

W 35 7/8 X 230 GIRDER A

583=1'-3

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

C766 (FS)

1-0 13/16

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

18'-6 9/16

W 35 7/8 X 230 GIRDER B

A768 (NS) G

5/8 5/8

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

1-L A768

1-PL A767

1-PL PAB

1-PL PAC

1-L H766

2-PL B767

AD

1-L C766

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

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-MC-G768

DRILLED HOLE

A763

1-2 1/2

NO WELD 4

5/16 EFFECTIVE

TYP BOTH FLANGES

TYP.

1'-0

PL PAB/PAC

5 1/2

9

22'-7 1/8

21'-6 7/8

M15 3/4X26

20'-2 3/4

SLOTS

P.P.

H766

AD

A752

TYP

A767

B767

SECTION A-A

C766

C753

1-0 13/16

SECTION B-B

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

9'3

5 1/2

12'-9

BOTH FLGS.

5'-9 9/16

5'-8 1/8

2 X 8 SLOTS

10'-0 7/8

11'-0 7/8

8'-9 1/2

8'-9 7/8

7'-5 3/4

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

3-6

WEST

1-7 5/8

1-FILL-FB (NS)

1-FILL-FA

HOLES (1DIA.A490)

1-8 1/8

+FB, 6, HT, BOLT, 1 X 4 3/4, 490, F., A
+FB, 10, HT, BOLT 1 X 6, 490, F., A

A1414

FILL-FA

2-1" H.T. BOLTS x 5'1/2
2-1" WASH. EACH
(WRENCH TIGHT)

3 1/2

11 1/2 BOTH FLGS (TYP)

COL 18

*DIV 1515, A1415, 1, W14X500, X 25-6 00, A36, M2E COL, P14, 4, (W 19 5/8 X 17 X 2 3/16 @ 500)

MATERIAL

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

4 : 28 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 1/2, . . 490, ... A
: 6, HT WASHER 1 . . . 325, ... A

+FB, 1&2, 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 13-0 00, . A
: 1, 1F 1/2, X 4-0 00, . A
: 1, 1G 1 3/4, X 2-0 00, . A

4, HT. BOLT 1 x 5 1/2 A490

4 2-9MC x 25.4 x 1'-10-G768 (A36) (P217/2)

SHOP NOTES
MATERIAL G40.21 44W U/N
E70 SERIES ELECTRODES
REF. D1AG'S E14/15, 9103, 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 10/85R
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 6/85	BY GM	FINISH NONE	

X30

MADE	DATE	SQUAD	PROJECT: 7 WORLD TRADE CENTER	CONTRACT	DWG. NO.
27 M.X.	MAY 85	FR	DETAIL: COLUMNS (8TH TIER) (ZONE 2)	84-152	1415
CHK'D 28 JM	DATE MAY				