A1691

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

1-PL A763

1-PL A763

HOLES (1"A490)

MILL

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

3'-6

5 1/2

22'-0

12'-9

C768R (NS)

1-1 1/4 4

5/8 RET T&B

1-2 5/16

A789 (NS)

B789

B789

A

A

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

+FB, 8, HT BOLT 1 X 4, 490, F., A
1-PL K752

FILLS

1-L AD (NS)

H766 (FS)

HOLES (1DIA A490)

B

B

W 36 1/8 X 170 GIRDER A

W 36 1/8 X 170 GIRDER B

603=1'-6

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

C766 (FS)

1-0 13/16

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

+FB, 8, HT BOLT 1 X3 1/4, 490, F., A
1-PL K752

MA1690 (NS)

1-1 1/4 4

BOTH FLGS

BOTH FLGS

1-1 11/16

1-1 5/8

1-1 5/16

18'-6 5/16

1-1 5/8

1-1 5/16

18'-6 5/16

1-L C768R

1-PL A789

+FB, 2, HT BOLT 7/8 X 2 1/2, 325, F., A
1-L H766

2-PL B789

AD

1-L C766
+FB, 2, HT BOLT 7/8 X 2 1/2, 325, F., A

1-MCMA1690

DRILLED HOLE

A763

NO WELD 4

1-2 1/2

11 1/2

383=9

1'-9 7/8

9 7/8

23'-9 7/8

22'-9 7/8

21'-6 1/2

3'-6 7/8

20'-2 3/4

M15 3/4X25

SLOTS

18'-5 1/8

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

9'-3

12'-9

C768R (NS)

1-1 1/4 4

5/8 RET T&B

1-2 5/16

A789 (NS)

B789

B789

A

A

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

+FB, 8, HT BOLT 1 X 4, 490, F., A
1-PL K752

FILLS

1-L AD (NS)

H766 (FS)

HOLES (1DIA A490)

B

B

W 36 1/8 X 170 GIRDER A

W 36 1/8 X 170 GIRDER B

603=1'-6

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

C766 (FS)

1-0 13/16

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

+FB, 8, HT BOLT 1 X3 1/4, 490, F., A
1-PL K752

MA1690 (N/S)

1-1 1/4 4

BOTH FLGS

BOTH FLGS

1-1 11/16

1-1 5/8

1-1 5/16

5'-9 5/16

1-1 5/8

1-1 5/16

5'-9 5/16

1-L C768R

1-PL A789

+FB, 2, HT BOLT 7/8 X 2 1/2, 325, F., A
1-L H766

2-PL B789

AD

1-L C766
+FB, 2, HT BOLT 7/8 X 2 1/2, 325, F., A

1-MCMA1690

1-0 7/8

11'-0 7/8

10'-0 7/8

8'-9 1/2

7-5 3/4

M15 3/4X25

SLOTS

5'-8 1/8

1-7 5/8

3 1/2

WEST

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

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

3-6

MILL

HOLES (1DIA.A490)

1-8 1/8

MINUS 1/16 PLUS 1/16

1-FILL-PL-FB (NS)

+FB, 16, HT BOLT 1 X 6, 490, F., A
+FB, 10, HT BOLT 1 X 4 3/4, 490, F., A

A1720

HOLES (1DIA.A490)

3 1/2 383=9 4

11 1/2 BOTH FLGS (TYP)

COL 16

*DIV 3316, A1690, 1, W14X500, X 25-6 00, A36, M2E COL, P86, 7, (W 19 5/8 X 17 X 2 3/16 @ 500)

MATERIAL

: 4, PI 012 00 X00 1/2, X 1-3 1/2, K752, 44W, P1E, , , , A
: 4, PI 005 00 X00 1/2, X 1-9 1/2, A753, 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
: 4, PI 012 00 X00 7/8, X 2-0 11/16, PB, 44W, P1E, , , , A

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

: 2, 9MC25.4, X2-1 00, MA1690, A36, , P217, 2, , A
: 2, L 6 X 4 X 5/16, X 1-10 1/2, C768R, 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

: 4, HT BOLT 1 X 5 1/2, , , 490, , , , , A
: 2, HT BOLT 1 X 4 1/2, , , 490, , , , , A
: 6, HT WASHER 1 , , , 325, , , , , A

+FB, 142, 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 10-0 00, , A
: 1, 1F 1/2, X 4-0 00, , A
: 1, 6G 1/2, X 4-0 00, , A
: 1, 6G 1/4, X 4-0 00, , A

603=1'-6 1-2 5/16

2-8 5/16

1-2 5/16 303=0'-9

H766

K752

AD

PB

(PB) 1

TYP

TYP

TYP

1"R

A789

B789

B789

1-3 13/16

SECTION A-A

HOLES

C766

A753

A753

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

SECTION B-B

SHOP NOTES
MATERIAL G40.21 44W U/N
E70 SERIES ELECTRODES
REF. D1AG'S E32, E33, 9156, 9137, E118, E118A, CW-2

aug 31/85

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

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 MIKIM		DATE 03JUL85	SQUAD FR	PROJECT: 7 WORLD TRADE CENTER		CONTRACT 84-152	DWG. NO. 1690
CHK'D 28 GM		DATE 9AUG 17/85		DETAIL: COLUMN (17TH TIER) (ZONE 3)			