A1654

1- PL A764 (NS)
2-HT BOLT 1 X 5 (490)
2-HT WASHER 1 DIA (325)
(WRENCH TIGHT)

HOLES (1"A490)

20K SHEAR
A36 MAT'L O.K

1-PL A763

1-PL A763

MILL

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

3'-6

22'-0

5 1/2

12'-9

C768L (NS)

1-2 15/16 1-2 15/16

A767 (NS)

B767

B767

A

A

+FB, 16, HT BOLT 1 X 5, 490, F., A
1-PL B752

+FB, 16, HT BOLT 1 X 5, 490, F., A
1-PL B752

FILLS

FILLS

1-L AD (NS)

G766 (FS)

HOLES (1DIA A490)

HOLES (1DIA A490)

B

B

+FB, 7, HT BOLT 1 X 3 1/4, 490, F., A
1-PL A753 (OFFSET)

+FB, 7, HT BOLT 1 X 3 1/4, 490, F., A
1-PL A753 (OFFSET)

683=1'-6

683=1'-6

W 36 3/4 X 300
GIRDER B

W 36 3/4 X 300
GIRDER A

B766 (FS)

1-2 1/4

1-2 5/16

1-1 7/16 1-1 7/16

+FB, 16, HT BOLT 1 X 4 1/2, 490, F., A
1-PL B752

+FB, 16, HT BOLT 1 X 4 1/2, 490, F., A
1-PL B752

1-2 1/4

1-2 5/16

5/8 RET
T&B

TYP

TYP

C768L (NS)

4 1-1 1/4

18'-5 11/16

18'-5 11/16

FOR ADD'L SHOPWORK
SEE DWG 9153

1-L C768L

1'-9 7/8

9 7/8

23'-9 7/8

22'-9 7/8

1-PL A767

1-R PX

2-PL B767

AD

21'-6 1/2

3'-6 7/8

18'-5 1/8

1-L C768L

3 1/2 11 1/2

DRILLED HOLE

5 3/4

383=9

A763

1-2 1/2

NO WELD 4

5/16 EFFECTIVE

+FB, 2, HT BOLT 7/8 X 2 3/4, 325, F., A
1-L G766

FILLS

1 1/16 X 15/16 SLOTS

M23 5/8X55

21'-6 7/8

19'-6 7/8

X 7/8 SLOTS

1-L B766

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

1-L C768L

ELEV. 452'-9
(FIN. 12TH FLOOR)

9'-3

5 1/2

12'-9

C768L (NS)

4 1-1 1/4

1-2 15/16 1-2 15/16

A767 (NS)

B767

B767

A

A

+FB, 16, HT BOLT 1 X5, 490, F., A
1-PL B752

+FB, 16, HT BOLT 1 X 5, 490, F., A
1-PL B752

FILLS

FILLS

1-L AD (NS)

G766 (FS)

HOLES (1DIA A490)

HOLES (1DIA A490)

B

B

+FB, 7, HT BOLT 1 X 3 1/4, 490, F., A
1-PL A753 (OFFSET)

+FB, 7, HT BOLT 1 X 3 1/4, 490, F., A
1-PL A753 (OFFSET)

683=1'-6

683=1'-6

W 36 3/4 X 300
GIRDER B

W 36 3/4 X 300
GIRDER A

B766 (FS)

1-2 1/4

1-2 5/16

1-1 7/16 1-1 7/16

+FB, 16, HT BOLT 1 X 4 1/2, 490, F., A
1-PL B752

+FB, 16, HT BOLT 1 X 4 1/2, 490, F., A
1-PL B752

1-2 1/4

1-2 5/16

5/8 RET
T&B

TYP

TYP

C768L (NS)

4 1-1 1/4

5'-8 11/16

5'-8 11/16

1-L C768L

1'-9 7/8

9 7/8

11'-0 7/8

10'-0 7/8

1-PL A767

1-R PX

2-PL B767

AD

8'-9 1/2

3'-6 7/8

5'-8 1/8

1-L C768L

+FB, 2, HT BOLT 7/8 X 2 3/4, 325, F., A
1-L G766

FILLS

1 1/16 X 15/16 SLOTS

M23 5/8X55

8'-9 7/8

6'-9 7/8

X 7/8 SLOTS

1-L B766

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

1-L C768L

ELEV. 440'-0
(FIN. 11TH FLOOR)

3'-6

MILL

EAST

1-8 7/8

4 3/16

2 3

3 3

HOLES (1DIA.A490)

+FB, 10, HT BOLT 1 X 5, 490, F., A
+FB, 16, HT BOLT 1 X 6 1/2, 490, F., A

A1505

HOLES (1DIA.A490)

383=9

3 1/2

11 1/2 BOTH FLGS (TYP)

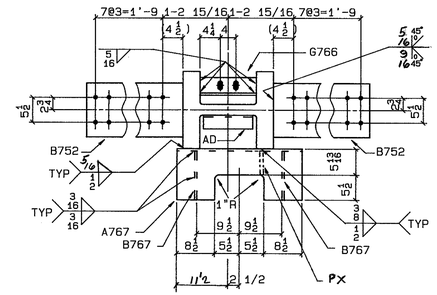
COL 52

*DIV 1310, A1653, 1, W14X605, X 25-6 00, A36, M2E COL, P13, 21, (W 20 7/8 X 17 3/8 X 2 5/8 @ 605)

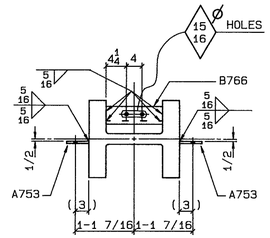
MATERIAL

: 8, PI 012 00 X100, X 2-3 1/2, B752, 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
: 2, PI 005 1/4 X00 3/8, X 0-6 1/2, PX, 44W, ... A
: 4, L 6 X 4 X 5/16, X 1-10 1/2, C768L, 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 5, . . 490, ... A
: 2, HT WASHER 1 . . . 325, ... A

+FB, 182, 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, 1G 1/2, X 8-0 00, . A



SECTION A-A



SECTION B-B

SHOP NOTES
MATERIAL G40.21 44W U/N
E70 SERIES ELECTRODES
REF. D1AG'S E12, E13, 9105, E117, E118A, CW-1
9102

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 17/85

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	
NOTE	V 1	DATE JULY 6/85	BY GM	FINISH	NONE		
MADE 27	M.K.	DATE JUNE 85	SQUAD FR	PROJECT: 7 WORLD TRADE CENTER		CONTRACT 84-152	DWG. NO. 1653
CHK'D 28	GM	DATE° JUNE		DETAIL: COLUMN (7TH TIER) (ZONE 2)			