W21 5/8 x 665

1- PL A764 (NS)
2-HT BOLT 1 X 5 1/4 (490)
2-HT WASHER 1 DIA (325)
(WRENCH TIGHT)

1'-9 3/4 [PLUS 1/16 MINUS 0]

Ø 1/16 HOLES (1"A490)

1-PL A763

MILL

ELEV. 414'-6 (FIN. 9TH FLOOR)

3'-6

5 1/2

22'-0

12'-9

A768 (NS)

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

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

A767 (NS)

B767

A

B

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

5/8 FILLS

1-L AD (NS)

PQ (FS)

Ø 1/16 HOLES (1DIA A490)
(7-WASH)
+FB, 7, HT BOLT 1 X 3 1/4, 490, F., A
1-PL A753 (OFFSET)

1-PL B752

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

W 36 3/4 X 300 GIRDER B

W 36 3/4 X 300 GIRDER A

1-2 1/4

1-2 5/16

1-2 11/16

1'-24

18'-5 11/16

5 5/8 5 5/8

Pb
Pc
(F.S.)

A768 (NS)
G76B

BOTH FLGS

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

A768 (NS)

A767 (NS)

B767

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

1-L AD (NS)

PQ (FS)

Ø 1/16 HOLES (1DIA A490)
(7-WASH)
+FB, 7, HT BOLT 1 X 3 1/4, 490, F., A
1-PL A753 (OFFSET)

1-Ø 3/4

1-PL B752

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

1-Ø A753 (OFFSET)

W 36 3/4 X 300 GIRDER B

W 36 3/4 X 300 GIRDER A

1-2 1/4

1-2 5/16

1-2 11/16

1'-24

5'-8 11/16

5 5/8 5 5/8

Pb
Pc
(F.S.)

A768 (NS)
G76B

BOTH FLGS

ELEV. 401'-9 (FIN. 8TH FLOOR)

9'3

12'-9

ELEV. 389'-0 (FIN. 7TH FLOOR)

3'-6

"EAST"

10 13/16

4 1/2

1-FILL Ø. fa
2-H.T. BOLT 1Ø x 6 1/2
(WITH 2-WASH. EA.)
(W. WRENCH TIGHT)

1-FILL Ø. fb (F.S.)

1-FILL Ø. fa
2-H.T. BOLT 1Ø x 6 1/2 (WITH 2-WASH. EA.)
(W. WRENCH TIGHT)

Ø 1/16 HLS (1Ø A490)

6-1Ø x 5 1/4
16-1Ø x 7 1/4
(22-WASH)

COL A628

W22 3/8 x 730

1 1/2

11 1/2

Ø 2 1/4 DRILLED HOLE

5 3/8

A763

1-2 1/2 (383=9)

3/8

NO WELD 4

5/16 EFFECTIVE

BOTH FLGS 5/16 5

1-L A768

1-Ø pd
(SEE DETAIL)

1-PL A767

9 7/8

1'-9 7/8

23'-9 7/8

22'-9 1/2

2-PL B767

AD

5/16 3 5/16 3

3'-6 7/8

21'-6 1/2

1-MC-G76B

18'-5 1/8

2 x 7/8 SLOTS

1-L A768

1-PL A767

11'-0 7/8

10'-0 7/8

8'-9 1/2

2-PL B767

AD

5/16 3 5/16 3

3'-6 7/8

2 x 7/8 SLOTS

5'-8 1/8

1-MC-G76B

1-Ø pa
2-7/8Ø x 3

23'-0

2-3/8Ø x 3

1-Ø pb

1-Ø pc

21'-6

2 1/2

W33 3/8 x 130

3 3/8

5 1/2

1-Ø pa
2-7/8Ø x 3

8'-9 7/8

2 1/2

W33 3/8 x 130

3 3/8

5 1/2

1-Ø pb

3/4

2 1/2

PL 1" x 1'-4 1/2 x 1'-4 1/2

45°

4.50

P.P.

GRIND TO BEAR (Ø. pc)

6'-0 3/8

1-Ø pc
(GRIND I.E. TO BEAR)
(PREP I.E.)

1 1/2 BOTH FLGS

ONE ~ W21 5/8 x 17 5/8 x 2 1/2 @ G65 x 25 1/2 G (A36) COL (M.2, E.) (P12/10)

A1352
DIV0905

MATERIAL

8, PI 012 00 X01 00, 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
~~1, PI 018 00 X00 1, X 2-00 00, PA, 44W, ... A~~
A 2-2 L 6 X 4 X 5/16, X 2-6 00, A768, 44W, ... A
2 PL 15 x 3/8 x 1'-4 1/2 ~ FA, 44W
1 PL 6 1/2 x 1/8 x 9 1/2 ~ FB, 44W
2, L 3 X 3 X 3/8, X 0-8 00, AD, 44W, ... A
2-PL 7 1/2 x 3/8 x 1'-0 1/2 - PA (44W)
2-PL 8 1/2 x 3/4 x 1'-0 1/2 - PB (44W) (CUT TO FIT)
2-PL 6 x 1 x 1'-5 ~ PC (44W) (G.I.E., P.I.E.)
2-HT BOLT 1Ø x 5 1/4 (A490)
4-HT. BOLT 1Ø x 6 1/2 (A490
6-WASHER 1Ø (A325)
A 2-9MC x 25.4 x 1.10-G76B (A36) P217/2

2 PL 7 x 1 x 1'-9 PC
1

FIELD BOLTS:
8 - 7/8Ø (A325F) x 3 1/4

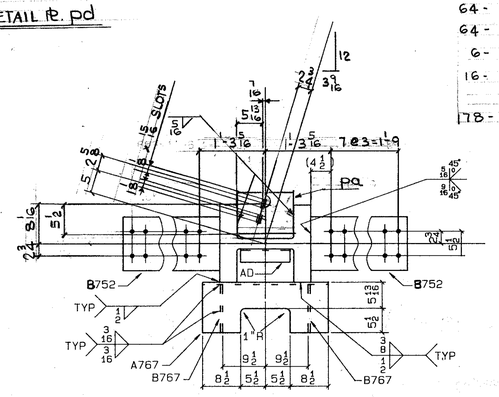
28 - 1Ø (A490F) x 3 1/4
64 - x 4 1/2
64 - x 5
6 - x 5 1/4
16 - x 7 1/4

78 - 1Ø (A325) WASH.

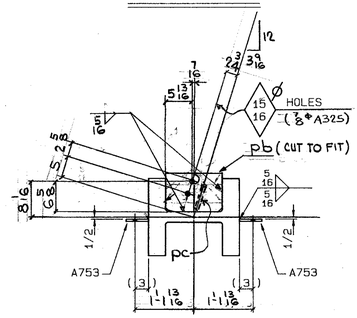
1 1/2 2 1/2 x 1 3/4 x 1 1/4
DETAIL PL. pd

CLIP 1 3/4 x 1 3/4

6 1/4 6 1/4
1 7/8Ø DRILLED HOLE
2
11 1/2



SECTION A-A



SECTION B-B

SHOP NOTES
MATERIAL G40.21 44W U/N
E70 SERIES ELECTRODES
REF. D1AG'S E8, E9, 9105, 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.

June 7/85 R
MAY 10/85 R
May 8/85

FOR 1 DIA A490

R	3	DATE	BY	SPEC	AS NOTED	FRANKEL STEEL LIMITED	
E	2	DATE JUNE 6/85	BY WJF	HOLES	1 3/16 D1A U/N	220 ATTWELL DRIVE, UNIT 1, REXDALE, ONTARIO M9W 5B2	
V	1	DATE MAY 10/85	BY J.B	FINISH	NONE		
MADE 27 EC		DATE APR '85	SQUAD FR	PROJECT: 7 WORLD TRADE CENTER		CONTRACT 84-152	DWG. NO. 1352
CHK'D 28 ES		DATE 8-5-85		DETAIL: COLUMN (5TH TIER) (ZONE 2) (44)			

44 DIV. REV