1378

1-7 3/4 +1/16 -0

2-PL-C764
2-HT BOLT 1 X [redacted] (490)
2-HT WASHER 1 DIA (325)
(WRENCH TIGHT)

1-PL-G763

1-PL-G763

HOLES (1"A490)

MILL

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

3'-6

4'-7 1/2 4'-7 1/2

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

A768 (NS)

A767 (NS)

B767 B767

+FB, 36, HT BOLT 1X 4 [redacted], 490, F., A
+FB, 12, HT BOLT 1X 3 1/2, 490, F., A (WEB)

PL-B751

1-LAD (N/S)

C765 (F/S)

L-C769 (F/S)

1-PL-PA (N/S)

2-PL-C750
2-HT BOLT 1X 3 1/2 (490)
2-HT WASHER 1 (325)
(SHIP BACK BOLTED)
(WRENCH TIGHT)

G768 (NS)

1-W MA (ON C/L)
2-PL-B751 (ON C/L)
4-HT BOLT 1X4 [redacted] (490)
4-HT WASHER 1 (325)
(SHIP BACK BOLTED)
(WRENCH TIGHT)

1-W -MB (ON C/L)

1-L-D768 (N/S)

4'-11 4'-11
3 1/2 4'-7 1/2 4'-7 1/2 3 1/2
7 (3'-9 11/16) (3'-9 11/16)

6 X 7/8 SLOT

HLS IN MA (1DIA.A490)

HLS IN B751 (1DIA.A490)

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

9'3

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

A768 (NS)

BOTH FLGS.

A767 (NS)

B767 B767

PL-B751

(GA-5 1/2)

P.P T&B FLG

(TYP.) P.P. T&B FLG.

1-LAD (N/S)

C765 (F/S)

L-C769 (F/S)

1DIA (A490)

2-PL-C750
2-HT BOLT 1X 3 1/2 (490)
2-HT WASHER 1 (325)
(SHIP BACK BOLTED)
(WRENCH TIGHT)

1-PL-PA (N/S)

1DIA (A490)

(GA-5 1/2)

G768 (NS)

1-W MA (ON C/L)
2-PL-B751 (ON C/L)
4-HT BOLT 1X4 [redacted] (490)
4-HT WASHER 1 (325)
(SHIP BACK BOLTED)
(WRENCH TIGHT)

1 - W-MB (ON C/L)

TYP SEE DET. T&B.

+FB, 36, HT BOLT 1X 4 [redacted], 490, F., A
+FB, 12, HT BOLT 1X 3 1/2, 490, F., A (WEB)

1-L-D768 (N/S)

(2-8 3/16) (2-8 3/16)

6 X 7/8 SLOT

1-7 5/8

4@3=1'-0 10 4@3=1'-0 3'-6 3'-6 4@3=1'-0

(NORTH)

MILL

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

3'-6

HOLES (1DIA.A490)

1376

+FB, 32, HT BOLT 1X 8 1/2, 490, F., A
+FB, 8, HT BOLT 1X 5 1/4, 490, F., A

1 3/4 3 6 3

3 1/2

DRILLED HOLE

PL- G763

2-8 1/2 3@3=9

3 1/2

NO WELD

5/16 EFFECTIVE

3/8

12
4'8

(3/8) 60° 6

1-L-A768

1-PL-A767

+FB, 2, HT BOLT 3/4 X 2 1/2, 325, F., A
1-PL-C765

1'-9 7/8 9 7/8 9 7/8 23@3=9

22'-9 7/8

2-PL-B767

3/8 FILLS

5 1/2

12'3

22'-9 1/2

BOTH FLG.

AD

3 5/16 5/16 3

21'-6 1/2

3'-6 7/8

PL-PA

2X 7/8 SLOTS

8

21'-6 7/8

W12 1/8X19

20'-6 3/8

1-L-C769

+FB, 2, HT BOLT 3/4 X 2 1/2, 325, F., A

1-C-G768

W-MB

18'-5 1/8 8 5/8

L-D768

17'-8 1/2

4

1-L-A768

1-PL-A767

1'-9 7/8 9 7/8 9 7/8 11@1'-0 7/8

10'-0 7/8

+FB, 2, HT BOLT 3/4 X 2 1/2, 325, F., A
1-PL-C765

2-PL-B767

3/8 FILLS

5 1/2

AD

8'-9 1/2

3'-6 7/8

5/16 5/16 3

PL-PA

2X 7/8 SLOTS

8'-9 7/8

W12 1/8X19

8

7'-9 3/8

1-L-C769

+FB, 2, HT BOLT 3/4 X 2 1/2, 325, F., A

1-C-G768

W-MB

5'-8 1/2 8 5/8

L-D768

4'-11 1/2

4

3 1/2 3 6 3 BOTH FLGS (TYP)

COL 12

*DIV 1316, A1377, 1, W14X500, X 25-6 00, A36, M2E COL, P14, 4, (W 19 5/8 X 17 X 2 3/16 X 500)

TYP
TYP
A767
B767
B767
TYP
5/16 5/16 3/16 3/16 1/2 5/16 5/16 3/8
1 1/2
9 1/2 9 1/2
8 1/2 5 1/2 5 1/2 8 1/2

SECTION - A-A

1 1/2 DRILLED HOLE

1-L-C769

1 1/2 : 1 ~ PAD

13/16 Ø
12
4 1/4
1 1/2 4 3/4
C765
1 1/8
5/8 X 13/16 SLOTS
5/16
3/4 9/16
PA
4
L-AD
5 13/16 1/2
3/8 30°
FULL LENGTH OF PL

SECTION - D-D

13/16 Ø
12
4 1/4
1 1/2 4 3/4
C769
1 1/8
5/8
5/16
2 3/4 7/16
PA
5/16

SECTION - H-H

MATERIAL

: ~~2, PI 015 1/2 X00 1/8, X 2-1 00, FB, 44W, ... A~~
: 2, PI 010 00 **X01 00**, X 1-8 00, C764, 44W, ... A
: 2, PI 015 1/2 X01 1/4, X 3-7 1/2, G763, 44W, ... A
: 4, PI 006 1/2 X00 3/8, X 0-10 3/4, B767, 44W, ... A
: 2, PI 017 7/8 X00 1/2, X 2-4 00, A767, 44W, BENT, ... A
: 2, PI 006 **1/2** X00 3/8, X 1-0 1/2, C765, 44W, ... A

: 4, PI 010 1/2 X00 1/2, X 1-9 1/2, C750, 44W, ... A
: 2, L 6 X 4 X 5/16, X 2-6 00, A768, 44W, ... A
: 2, L 8 X 6 X 3/4, X 1-0 1/2, C769, 44W, ... A
: 2, L 3 X 3 X 3/8, X 0-8 00, AD, 44W, ... A
: 2, L 4 X 3 X 3/8, X 1-2 00, D768, 44W, ... A
: 2, W36X245, X 3-11 11/16, MA, A36, PIE CUT B**774**, P96, 9, , A
: 2, W36X245, X 3-**11** 11/16, MB, A36, PIE CUT B**774**, P96, 9, , A

: 4, PI 009 00 X00 7/8, X 3-1 1/2, B751, 44W, ... A
: 2, PI 011 5/8 X00 3/8, X 4-0 1/8, PA, 44W, ... A
2, 9MCX25.4X1L10 ~ G768 (A36) (P217, 2)
: 2, HTBOLT 1X [redacted] . . . 490, ... A
: 4, HTBOLT 1X3 1/2. . . 490, ... A
: 8, HTBOLT 1X4 [redacted] . . . 490, ... A
: 14, HT WASHER 1 . . . 325, ... A
+FB, 142, HT WASHER 1, 325, . . A
: 1, 1F 3/16, X12-0 00, . A
: 1, 1F 5/16, X42-0 00, . A
: 1, 1F 1/2, X6-0 00, . A
: 1, 6G 7/8, X6-0 00, . A
: 1, 1F 3/8, X1-0 00, . A
: 1, 6G 1, X6-0 00, . A
: 1, 3G 10.0, X17-0 00, . A
: 1, PI 012 1/2 X 01 3/4, X 1-4 00, PAD, 44W, , , , , A

SHOP NOTES
MATERIAL G40.21-44W U/N
E70 SERIES ELECTRODES
REF. DWGS. E12, E13, 9106, E118A, CW1, 9101, E117

June 19/85 R
May 24/85

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 1DIA.A490

(X30)

R 3	DATE	BY	SPEC AS NOTED	FRANKEL STEEL LIMITED	
E 2	DATE	BY	HOLES 1 3/16 DIA U/N		
V A	DATE JUNE 8/85	BY HT	FINISH NONE	220 ATTWELL DRIVE, UNIT 1, REXDALE, ONTARIO M9W 5B2	
MADE 27 HY	DATE 1MAY85	SQUAD FR	PROJECT: 7 WORLD TRADE CENTER	CONTRACT 84-152	DWG. NO. 1377
CHK'D 28 JIM	DATE 21 MAY 85		DETAIL: COLUMN (7TH TIER) ZONE 2		