A1619

A1607

A1608

1'-8 3/8 1/16

2-PL-A764
2-HT BOLT 1X5 1/4 (490)
2-HT WASHER 1 DIA (325)
(WRENCH TIGHT)
1-PL-D763

1/16 Ø HOLES (1"A490)

1-PL-D763

MILL

3'-6

(FIN. 13, 15, 17TH FLOOR)

22'-0

+FB, 28, HT BOLT 1X 3 3/4, 490, F., A

+FB, 12, HT BOLT 1X 3 1/2, 490, F., A (WEB)

4'-11 | 4'-7 1/2 | (3'-9 3/8) | 4'-11 | 4'-7 1/2 | (3'-9 3/8) | 3 1/2 | 7

1/16 Ø HLS IN MA (1DIA.A490)

13/16 Ø HLS IN C751 (1DIA.A490)

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

A768 (NS)

A767 (NS)

B767 | B767

1 1/2

A | A

B | B

PL-C751

(GA-5 1/2)

4 1/2 | 5 1/2

21'-6 1/2

683=1'-6

1/16 Ø 1DIA (A490)

1-LAD (N/S)

B770 (F/S)

C | C

L-A770 (F/S)

(2'-10 7/8)

1/16 Ø 1DIA (A490)

(GA-5 1/2)

G768 (N/S)

5/8 | 5/8

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

303=9 | 10 | 303=9 | 3'-9 | 3'-9 | 303=9

1-W -MA (ON C/L)

2 1/2

4 | 3

(2'-10 7/8)

1-L-D768 (N/S)

6 X 7/8 SLOT

1-W MA (ON C/L)
2-PL-C751 (ON C/L)
4-HT BOLT 1X3 3/4 (490)
4-HT WASHER 1 (325)
(SHIP BACK BOLTED)
(WRENCH TIGHT)

12'-9

(FIN. 12, 14, 16, TH FLOOR)

9'-3

4'-11 | 4'-7 1/2 | (3'-9 3/8) | 4'-11 | 4'-7 1/2 | (3'-9 3/8) | 3 1/2 | 7

1/16 Ø HLS IN MA (1DIA.A490)

13/16 Ø HLS IN C751 (1DIA.A490)

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

A768 (NS)

5/16 BOTH FLGS

5/16 BOTH FLGS

A767 (NS)

B767 | B767

1 1/2

A | A

B | B

PL-C751

P.P. T&B FLG

5/16 | 1/4 | 5/16 | 45

P.P. T&B FLG.

(GA-5 1/2)

4 1/2 | 5 1/2

8'-9 1/2

683=1'-6

1/16 Ø 1DIA (A490)

1-LAD (N/S)

B770 (F/S)

C | C

L-A770 (F/S)

5/16 | 27 | 27

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

1/16 Ø 1DIA (A490)

(GA-5 1/2)

G768 (N/S)

5/8 | 5/8

3/8

1-W MA (ON C/L)
2-PL-C751 (ON C/L)
4-HT BOLT 1X3 3/4 (490)
4-HT WASHER 1 (325)
(SHIP BACK BOLTED)
(WRENCH TIGHT)

1 - W-MA (ON C/L)

5/8 RET @T&B

+FB, 28, HT BOLT 1X 3 3/4, 490, F., A

+FB, 12, HT BOLT 1X 3 1/2, 490, F., A (WEB)

2 1/2

4 | 3

1-L-D768 (N/S)

(2-10 7/8)

6 X 7/8 SLOT

13/16

1-8 1/4

303=9 | 10 | 303=9 | 3'-9 | 3'-9 | 303=9

MILL

(SOUTH)

(FIN. 11, 13, 15FLOOR)

3'-6

1/16 Ø HOLES (1DIA.A490)

A1607

A1483

A1493

+FB, 28, HT BOLT 1X 6 1/4, 490, F., A

+FB, 10, HT BOLT 1X 5 1/4, 490, F., A

1 3/4 | 11 1/2 | 5 3/4

1/4 Ø DRILLED HOLE

3 1/2

PL- D763

1-11 1/2 | 683=1-6 | 3 1/2

4

NO WELD

5/16 EFFECTIVE

1-L-A768

1-PL-A767

1-PL-B770

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

1'-9 7/8 | 9 7/8 | 23'-9 7/8

2-PL-B767

3/8 FILLS

5 1/2

AD

21'-6 1/2

3'-6 7/8

21'-6 7/8

W23 5/8X55

8

19'-6 7/8

1-L-A770

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

1-C-G768

18'-5 1/8 | 8 5/8

L-D768

17'-8 1/2

2X 7/8 SLOTS

1-L-A768

3

1-PL-A767

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

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

1-PL-B770

2-PL-B767

3/8 FILLS

5 1/2

AD

8'-9 1/2

3'-6 7/8

8'-9 7/8

W23 5/8X55

2X 7/8 SLOTS

8

6'-9 7/8

1-L-A770

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

1-C-G768

5'-8 1/8 | 8 5/8

L-D768

4'-11 1/2

683=1'-6

1/16 Ø HOLES (1DIA.A490)

3 1/2 | 11 1/2 | BOTH FLGS (TYP)

*DIV 1301,	A1607,	1,	W14X550,	X 25-6 00,	A36, M2E	COL, P12, 19,
*DIV 1501,	A1607,	1,	W14X550,	X 25-6 00,	A36, M2E	COL, P12, 19,
*DIV 1701,	A1607,	1,	W14X550,	X 25-6 00,	A36, M2E	COL, P12, 19,
*DIV 1306,	A1607,	1,	W14X550,	X 25-6 00,	A36, M2E	COL, P13, 4,
*DIV 1506,	A1607,	1,	W14X550,	X 25-6 00,	A36, M2E	COL, P13, 4,
*DIV 1706,	A1607,	1,	W14X550,	X 25-6 00,	A36, M2E	COL, P13, 4,

(W 20 1/4 X 17 1/4 X 2 3/8 X 550)

COL 30 | COL 30 | COL 30 | COL 40 | COL 40 | COL 40

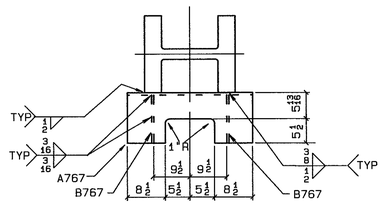
MATERIAL

: 2, PI 010 00 X00 5/8, X 1-2 00, A764, 44W, , , , A

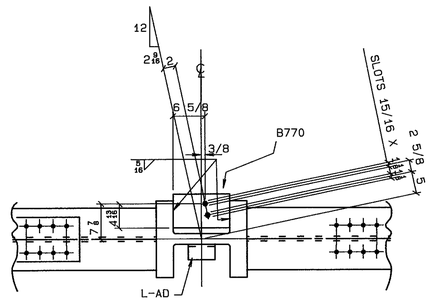
: 2, PI 015 00 X00 3/4, X 3-7 1/2, D763, 44W, , , , A
: 4, PI 006 1/2 X00 3/8, X 0-10 3/4, B767, 44W, , , , A
: 2, PI 017 7/8 X00 1/2, X 2-4 00, A767, 44W, BENT, , , A
: 2, PI 006 1/2 X00 3/8, X 1-0 1/2, B770, 44W, , , , A

: 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, A770, 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
: 4, W36X210, X 3-11 3/8, MA, A36, PIE CUT B782, P96, 11, , A

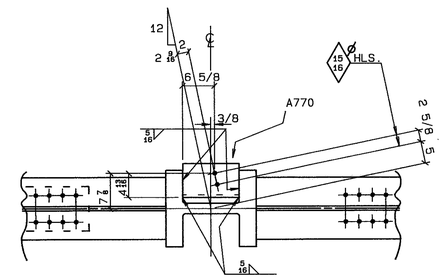
: 4, PI 009 00 X00 3/4, X 2-7 1/2, C751, 44W, , , , A
: 2, 9MCX25.4, X 1-10 00, G768, A36, , P217, 2, , A
: 8, HTBOLT 1X3 3/4, , , 490, , , , A
: 2, HTBOLT 1X5 1/4, , , 490, , , , A
: 4, HTBOLT 1X3 1/2, , , 490, , , , A
: 14, HT WASHER 1, , , 325, , , , A
+FB, 118, HT WASHER 1, 325, , , A
: 1, 1F 3/16, X12-0 00, , A
: 1, 1F 5/16, X36-0 00, , A
: 1, 1F 1/2, X3-6 00, , A
: 1, 6G 1 1/4, X8-0 00, , A
: 1, 1F 3/8, X8-0 00, , A



SECTION - A-A



SECTION - B-B



SECTION-C-C

SHOP NOTES
MATERIAL G40.21-44W U/N
E70 SERIES ELECTRODES
REF.DWGS.E12, E13, 9111, E11BA, CW1, 9101, E117
E14, E15, E16, E17, 9112

June 19/85

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

R	3	DATE		BY	SPEC	AS NOTED	FRANKEL STEEL LIMITED
E	2	DATE		BY	HOLES	1 3/16 DIA U/N	220 ATTWELL DRIVE, UNIT 1, REXDALE, ONTARIO M9W 5B2
V	1	DATE		BY	FINISH	NONE	
MADE 27	HY/GM	DATE	5JUNE85	SQUAD	PROJECT:	7 WORLD TRADE CENTER	CONTRACT 84-152 / DWG. NO. 1607
CHK'D 28	ES	DATE	19.6.85	FR	DETAIL:	COL. (7, 8, 9TH TIER) ZONE 2	