A1417

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

1-7 3/4 PLUS 1/16 MINUS 0

HOLES (1"A490)

1-PL A763

MILL

ELEV. 516'-6 (FIN. 17TH FLOOR)

3'-6

5 1/2

22'-0

12'-9

A768 (NS)

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

BOTH FLGS

1-2 5/16 1-2 5/16

A767 (NS)

B767

A

B

+FB, 12, HT BOLT 1 X 4 1/2, 490, F..A
1-PL A752

+FB, 10, HT BOLT 1 X 4 1/4, 490, F..A
1-PL G752

FILLS

1-L AD (NS)

H766 (FS)

HOLES (1DIA A490)

+FB, 6, HT BOLT 1 X 3, 490, F..A
1-PL C753 (OFFSET)

C766 (FS)

+FB, 12, HT BOLT 1 X 3 3/4, 490, F..A
1-PL A752

+FB, 10, HT BOLT 1 X 3 3/4, 490, F..A
1-PL G752

G768 (NS)

W 36 3/4 X 210 GIRDER A

W 36 3/4 X 210 GIRDER B

583=1'-3

1'-5 1/4

1'-5 5/16

1-0 13/16

18'-5 11/16

BOTH FLGS

5 5/8

1-PL A763

1-2 1/2 383=9

11 1/2

DRILLED HOLE

A763

NO WELD 4

1-PL PAB

5/16 EFFECTIVE

1-PL PAC

TYP.

BOTH FLANGES

1-L A768

2 X 7/8 SLOTS

1-PL A767

1-L H766

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

1-PL B767

AD

1 1/16 X 15/16 SLOTS

M15 3/4X26

1-L C766

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

1-C-G768

1'-9 7/8

23'-9 7/8

22'-9 7/8

21'-6 1/2

3'-6 7/8

20'-2 3/4

18'-5 1/8

22'-7 1/8

21'-6 7/8

1'-0

PL PAB/PAC

2 1/2

7 1/2

PAB

PAC

MATERIAL

	4, PI012 00	X00 3/4, X 1-9 1/2,	A572, 44W, , , , A
	4, PI 012 00	X00 5/8, X 1-6 1/2,	G752, 44W, ... A
	4, PI 005 00	X00 1/2, X 1-6 1/2,	C753, 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 011 00	X01 3/4, X 1-0 1/2,	PAB, 44W, ... A
	1, PI 010 00	X01 3/4, X 1-0 1/2,	PAC, 44W, ... A
A	2, 9MC 25.4	x 1-10,	G768, A36, P17, 2, A
A	2, L 6 X 4 X 5/16,	X 2-6 00,	A768, 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
	2, HT BOLT 1 X 4 1/2,	. . 490,	. . . . A
	2, HT WASHER 1	. . . 325,	. . . . A

+FB, 146 HT WASHER 1, 325, . . A
: 1, 1F 3/16, X 12-0 00, . . A
: 1, 1F 5/16, X 33-0 00, . . A
: 1, 1F 3/8, X 6-0 00, . . A
: 1, 1F 1/2, X 4-0 00, . . A
: 1, 1G 5/8, X 4-0 00, . . A
: 1, 1G 1 3/4, X 2-0 00, . . A
: 1, 1G 1/2, X 4-0 00, A

P.P.

503=1'-3 1-2 5/16 1-2 5/16 383=1'-0

H766

AD

A752

G752

TYP

A767

B767

SECTION A-A

HOLES

C766

C753

SECTION B-B

*DIV 1715, A1416, 1, W14X500, X 25-6 00, A36, M2E COL, P14, 4, (W 19 5/8 X 17 X 2 3/16 @ 500)

COL 18

ELEV. 503'-9 (FIN. 16TH FLOOR)

9'3

ELEV. 491'-0 (FIN. 15TH FLOOR)

3-6

WEST

1-7 5/8

HOLES (1DIA.A490)

11 1/2 BOTH FLGS (TYP)

A1415

SHOP NOTES
MATERIAL G40.21 44W U/N
E70 SERIES ELECTRODES
REF. D1AG'S E16/17, 9104, 9102, E118A, E117, 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 12/85 R
MAY 24/85

FOR 1 DIA A490

X30

R	3	DATE	BY	SPEC	AS NOTED
E	2	DATE	BY	HOLES	1 3/16 D1A U/N
V	1	DATE JUNE 11/85	BY M.X.	FINISH	NONE

FRANKEL STEEL LIMITED
220 ATTWELL DRIVE, UNIT 1, REXDALE, ONTARIO M9W 5B2

MADE	DATE	SQUAD	PROJECT: 7 WORLD TRADE CENTER	CONTRACT	DWG. NO.
27 M.X.	MAY 85	FR		84-152	1416
CHK'D 28 JIM	DATE MAY		DETAIL: COLUMN (9TH TIER) (ZONE 2)		