A1436
A1437

1- PL A764 (NS)
2-HT BOLT 1 X 4 3/4 (490)
2-HT WASHER 1 DIA (325)
(WRENCH TIGHT)

1-8 3/8 PLUS 1/16 MINUS 0

HOLES (1"A490)

1-PL A763

MILL

(FIN. 11TH FLOOR)
(FIN. 13TH FLOOR)
3'-6
5 1/2
22'-0
12'-9

A768 (NS)

BOTH FLGS

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

1-2 5/8 1-2 5/8

A767 (NS)

B767

A

B

FILLS

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

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 X3 3/4, 490, F., A
1-PL A752

1-1 1/8 1-1 1/8

G768 (NS) ⚠

W 35 7/8 X 230 GIRDER A

W 35 7/8 X 230 GIRDER B

583=1'-3

1'-4 3/8

1'-4 7/16

18'-6 9/16

5 5/8

BOTH FLGS

3/8

1-L A768

1-PL A767

1-PL B767

AD

1-L H766

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

1-L C766

1-C G768 ⚠

1-2 3/8 383=9

DRILLED HOLE

A763

NO WELD 4

5/16 EFFECTIVE

X 7/8 SLOTS

1'-9 7/8

23'-9 7/8

22'-9 7/8

21'-6 1/2

3'-6 7/8

18'-5 1/8

1 1/16 X 15/16 SLOTS

W15 3/4X26

21'-6 7/8

20'-2 3/4

*DIV 1101, A1436, 1, W14X550, X 25-6 00, A36, M2E COL, P12, 19,

*DIV 1301, A1436, 1, W14X550, X 25-6 00, A36, M2E COL, P12, 19,

MK. CHANGED TO SUIT SPLICE DETAILING SEE N.C.R 554 ⚠2

(FIN. 10TH FLOOR)
(FIN. 12TH FLOOR)
9'3
5 1/2
12'-9

A768 (NS)

1-2 5/8 1-2 5/8

A767 (NS)

B767

A

B

FILLS

+FB, 12, HT BOLT 1 X4 1/4, 490, F., A
1-PL A752

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 X3 3/4, 490, F., A
1-PL A752

1-1 1/8 1-1 1/8

G768 (NS) ⚠

W 35 7/8 X 230 GIRDER A

W 35 7/8 X 230 GIRDER B

583=1'-3

1'-4 3/8

1'-4 7/16

5'-9 9/16

5 5/8

BOTH FLGS

3/8

1-L A768

1-PL A767

1-PL B767

AD

1-L H766

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

1-L C766

1-C G768 ⚠

1-2 3/8 383=9

A763

NO WELD 4

5/16 EFFECTIVE

X 7/8 SLOTS

1'-9 7/8

11'-0 7/8

10'-0 7/8

8'-9 1/2

3'-6 7/8

5'-8 1/8

1 1/16 X 15/16 SLOTS

W15 3/4X26

8'-9 7/8

7'-5 3/4

*DIV 1101, A1436, 1, W14X550, X 25-6 00, A36, M2E COL, P12, 19,

*DIV 1301, A1436, 1, W14X550, X 25-6 00, A36, M2E COL, P12, 19,

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

(FIN. 9TH FLOOR)
(FIN. 11TH FLOOR)
MILL
3-6

WEST

1-8 1/4

HOLES (1DIA.A490)

3 1/2

11 1/2 BOTH FLGS (TYP)

COL 25

COL 25

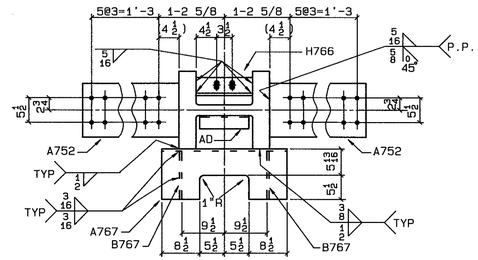
10
+FB, 6, HT BOLT 1 X 4 3/4, 490, F., A
+FB, 10, HT BOLT 1 X 6 1/4, 490, F., A

A1305
A1436

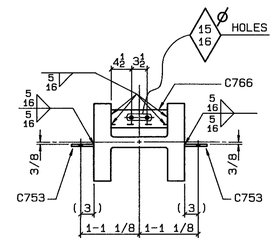
MATERIAL

:	8, PI 012 00	X00 3/4, X 1-9 1/2, A752, 44W, P1E. . . . 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 :	2,9 MC 25.4 x 1-10 G768, A36, P217, 2, A	
⚠1 :	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 3/4. . . 490. . . . . A	
:	2, HT WASHER 1 . . . 325. . . . . A	

+FB, 134, 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 8-0 00. . A



SECTION A-A



SECTION B-B

SHOP NOTES
MATERIAL G40.21 44W U/N
E70 SERIES ELECTRODES
REF. D1AG'S E10/11, 9103, 9102, E118A, E117, CW-1
E12/13

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 11/85

TO SUIT N.C.R 554 X30	R	3	DATE	BY	SPEC	AS NOTED
	E	2	DATE JULY 16/85	BY HSS	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 27	M.X.	DATE MAY 85	SQUAD FR	PROJECT: 7 WORLD TRADE CENTER	CONTRACT 84-152	DWG.NO. 1436
CHK'D 28	JEB	DATE MAY 91		DETAIL: COLUMNS (6TH&7TH TIER) (ZONE 2)		