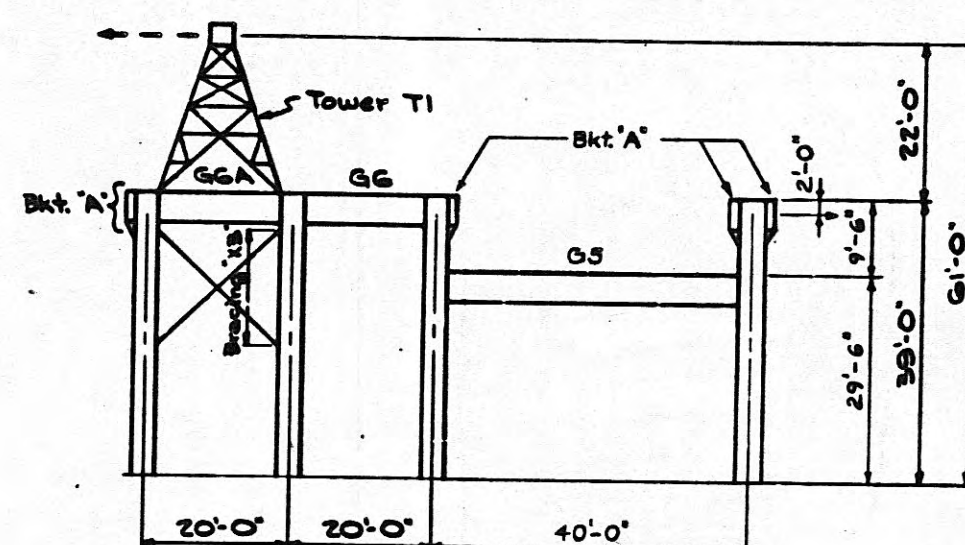
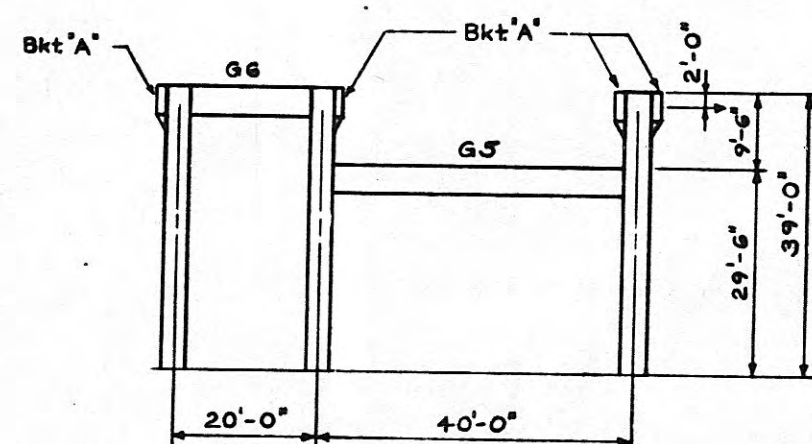


15242

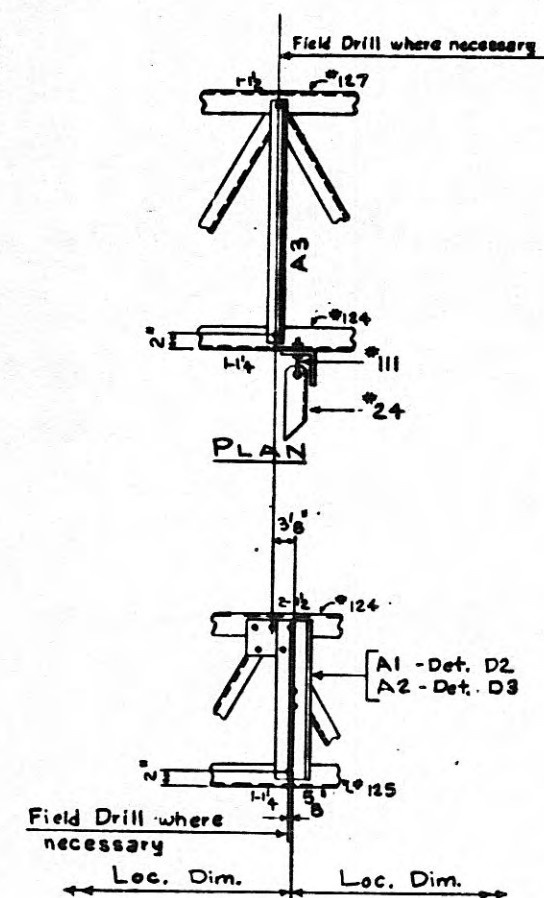
40290-27



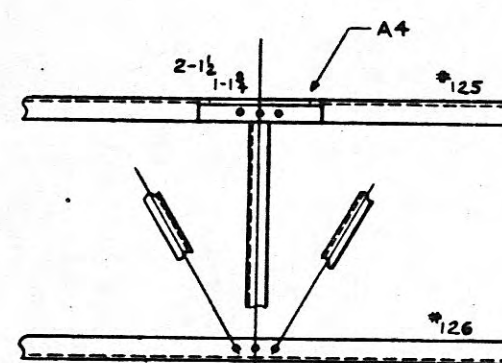
ELEVATION A-A
SECTION B-B



SECTION C-C



DETAIL D2 (AS SHOWN)
DETAIL D3 (OPP. HAND)

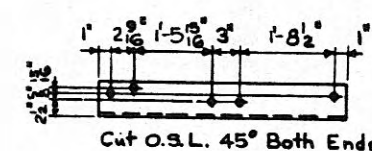


Bottom of Girder G3
DETAIL D4

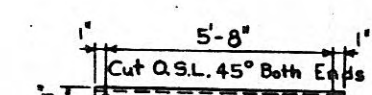
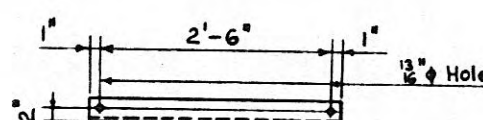
BILL OF MATERIAL B					
No. REQD	MARK	DESCRIPTION	LENGTH		WT. EACH
			FT	IN	
2	A1	L 3/8 x 5/8	3	10	4.1
2	A2	Do	3	10	4.1
4	A3	L 2 x 2 x 3/8	5	10	15
2	A4	L 3/8 x 3/8	2	8	2.0
1	24	L 3/2 x 3/8	2	1	1.3
1	111	1 Bolt Rod (4 hex nuts)	0	8 1/2	1
9		3/8 Bolt	0	14	0.270
18		Do	0	13	0.285
3		Do	0	13	0.305

Total Weight = 287^g

* For details see LC-12821, Sh.13.



L 5 x 5 x $\frac{5}{16}$ x 3'-10" - A1 (As Shown)
Do. x 3'-10" - A2. (Opp. Hand)


$$L 2 \times 2 \times \frac{3}{16} \times 5'-10'' - A3$$


$L 3 \times 3 \times \frac{3}{8} \times 2' - 8'' - A4$

NOTES:

Holes 1/4" unless noted.
 Piece marks to be die stamped before galvanizing.
 Material to be hot dip galvanized after fabrication.



Removed B/M 'A', Added B/M 'B'.

2 6-2-71 35687 DLS ESS *ESS*

Added B/M 'A' & Detail D1

1 12-2-66 *ESS* DTA DL DL PWT

DATE	NAME	DESIGN	DETAIL	REVISION	BY	CHKD
DATE	NAME	DESIGN	DETAIL	REVISION	BY	CHKD

DATE *7-5-66* DRAWN *W. S. G.* CHECKED *W. S. G.*

DATE *7-5-66* DRAWN *W. S. G.* CHECKED *W. S. G.*

DATE *7-5-66* DRAWN *W. S. G.* CHECKED *W. S. G.*

TENNESSEE VALLEY AUTHORITY

DIVISION OF POWER PLANNING AND ENGINEERING

HARRIMAN, TENN. SUBSTATION - 161KV

DIAGRAM OF 161KV SWITCH STRUCTURE

TYPE 'B' - 61'-0" HIGH

MICROFILMED

152428