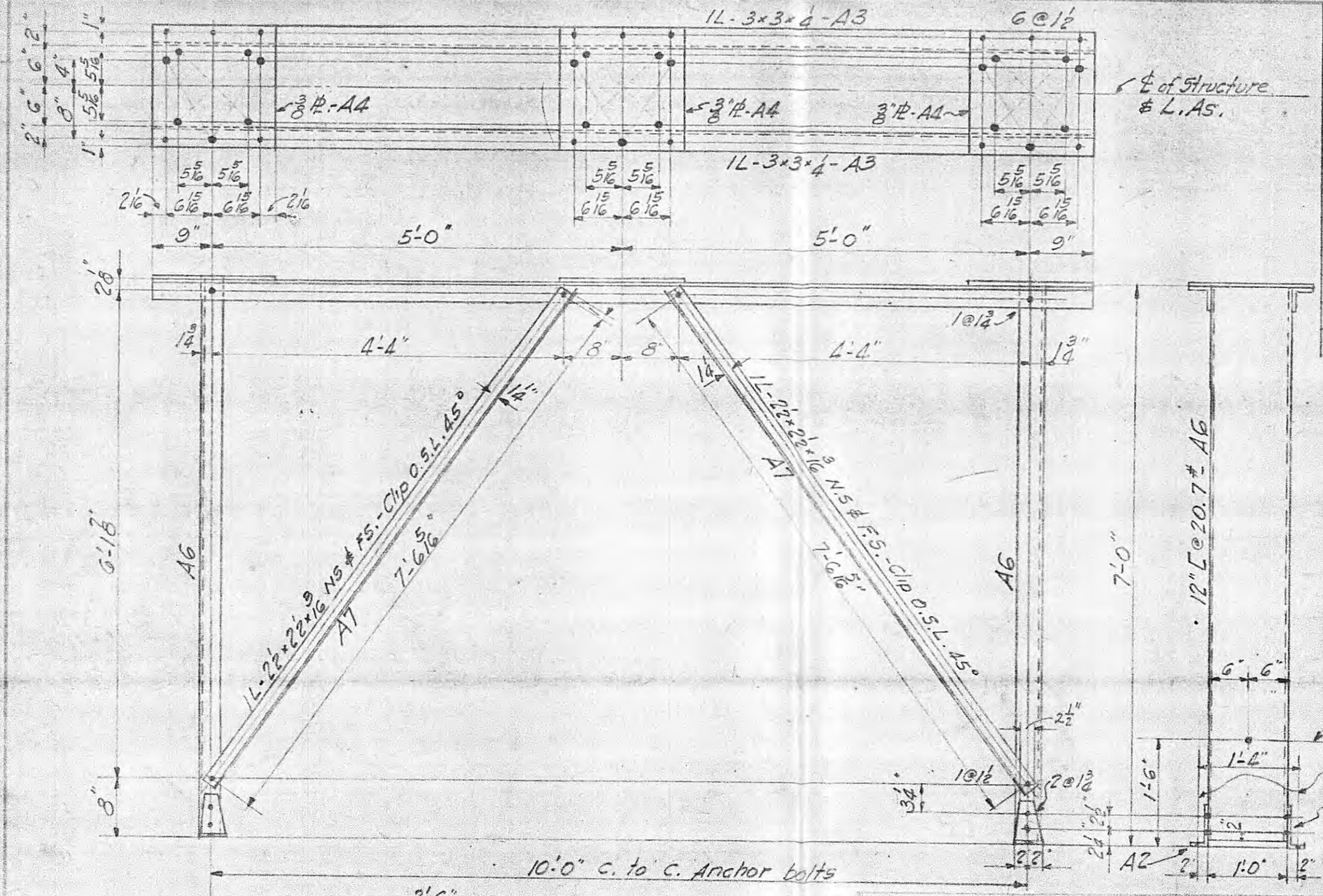


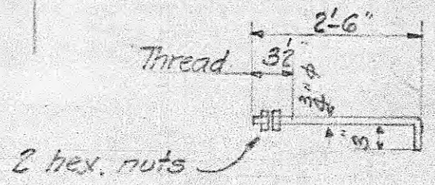
BILL OF MATERIAL

MARK	NO. REQ'D	SECTION	LENGTH FT.	LENGTH IN.	WT. EA.
A2	4	Ls 6×4×⅜	0	4	4
A3	2	Ls 3×3×¼	11	6	58
A4	3	Pls 18×⅜	1	6	36
A6	2	12 Ls @ 20.7#	6	11	148
A7	4	Ls 2½×2½×3/16	7	8 5/16	24
	4	Anchor bolts ¾"ϕ	2	9	4
	8	Hex. nuts ¾" tap			0.2
	27	¾"ϕ bolts	0	1½	.475
	13	do	0	1¾	.50

Total wt. = 669#

NOTE AND REFERENCE

All material to be hot dip galvanized after fabrication.
Holes 13/16"ϕ unless noted otherwise.
Bolts ¾"ϕ sq. nd. hex. nut 1/16" thread.
Foundation drwg. SC-6003
Piece marks to be die-stamped, before galvanizing.
B/M includes 10% excess.



ANCHOR BOLT

USED AT	DATE
Bristol-Shelby Street	8-29-49
Athens	8-5-46
Elizabethton	7-22-46
Bowling Green Sub	

1. Increased length A.B. 3/16" R.F.C.

TENNESSEE VALLEY AUTHORITY
DEPARTMENT OF POWER ENGINEERING AND CONSTRUCTION

SUBSTATIONS GENERAL
69 KV. LIGHTNING ARRESTER STRUCTURE
STRUCTURAL DETAILS

SCALE 3/4"-1'-0"	DESIGNED J.P. Chester	DRAWN A.D.H.	3-17-1945
ALT.	CHKS		SHEET 1 OF 1 SHEETS
DRWG. R.F.C.		S387	MC-16805