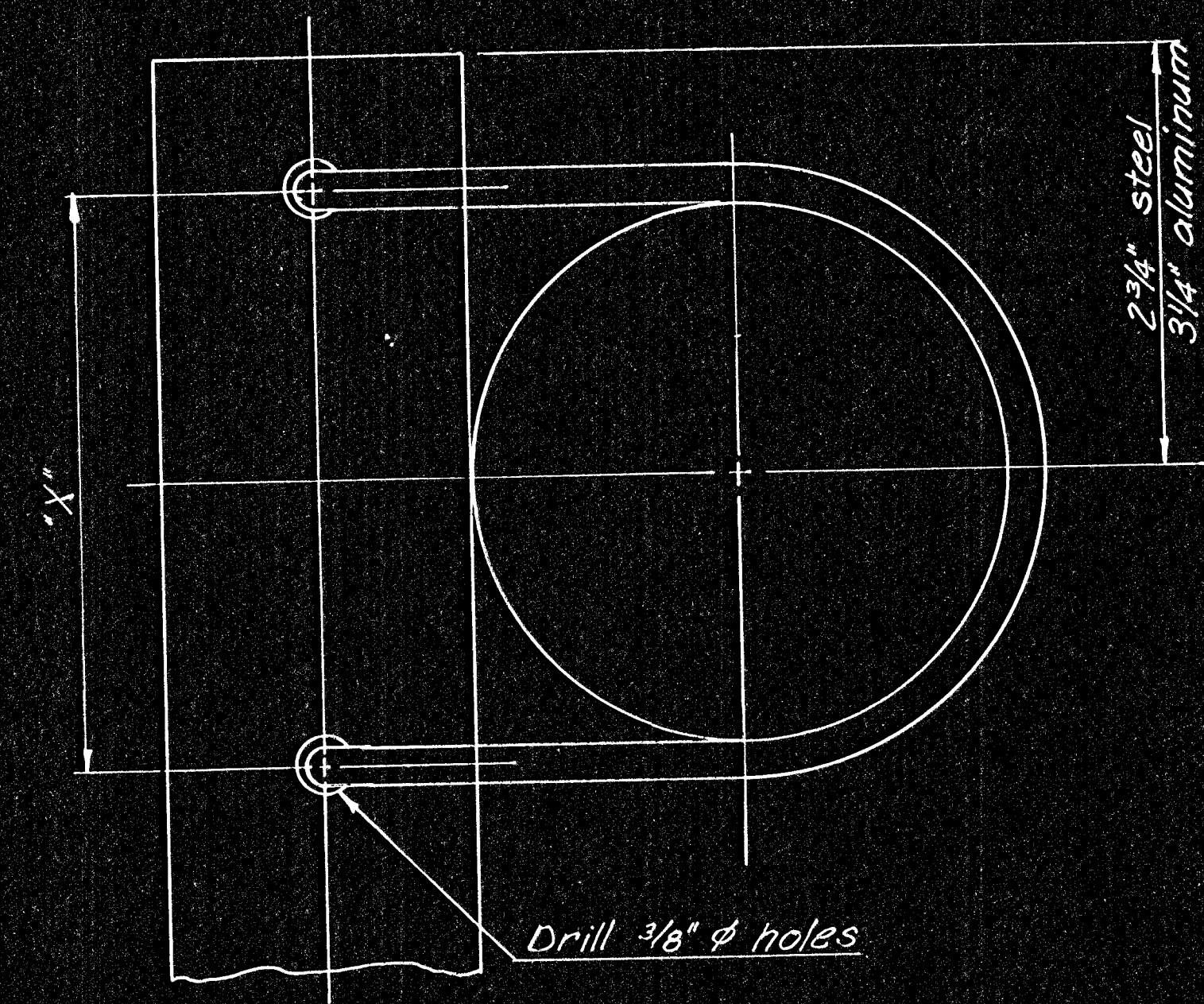
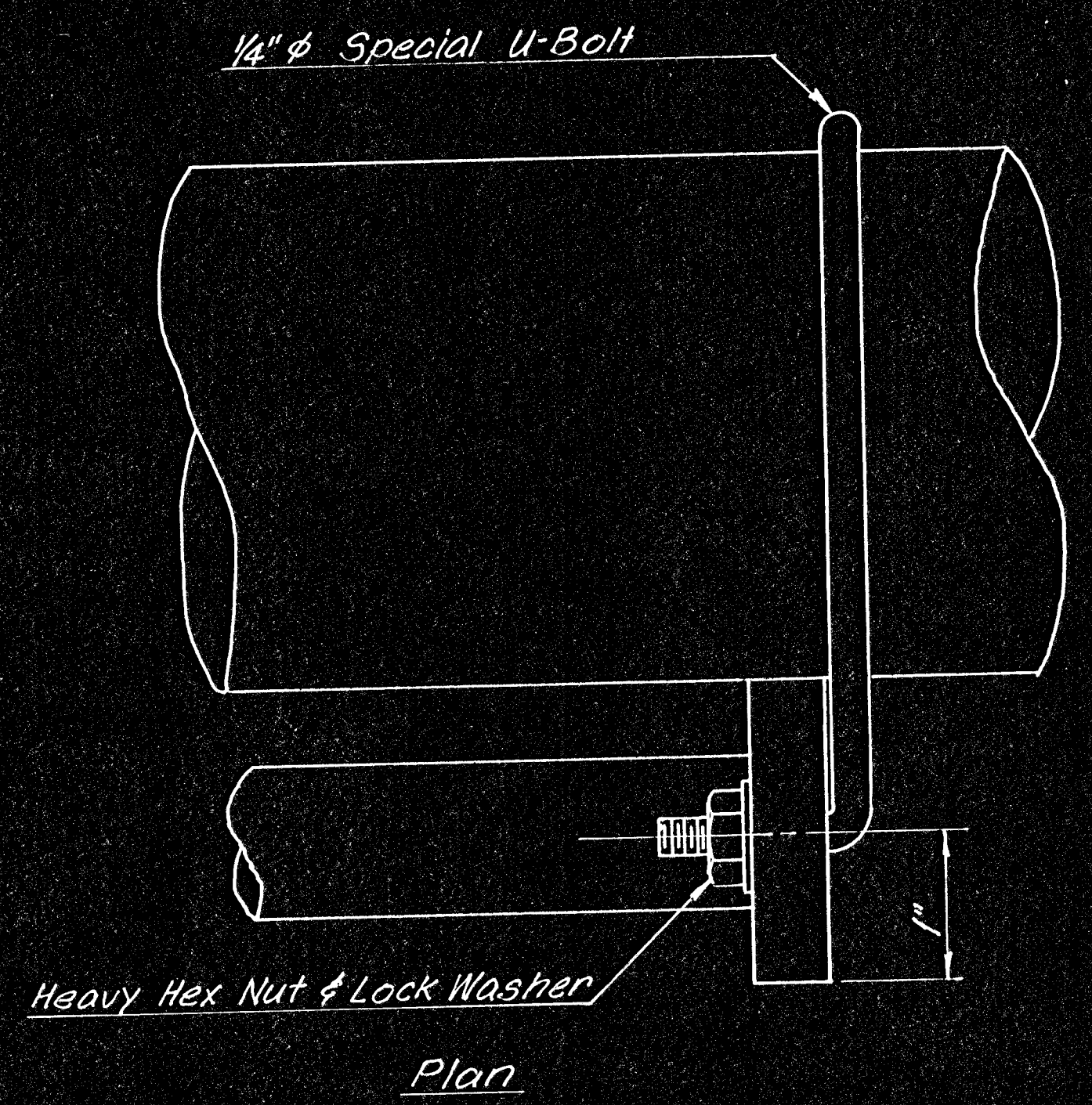


DIMENSION "X"		
Location	Horizontal Connection	Diagonal Connection
Steel	4"	6"
Aluminum	5"	7 1/2"



GENERAL NOTES

MATERIALS: This sheet covers both steel and aluminum alternates.

STEEL DESIGN: The ladder shall conform to ASTM A36 steel and shall have 1/2"x2" support bars and 1" ϕ cross bars.

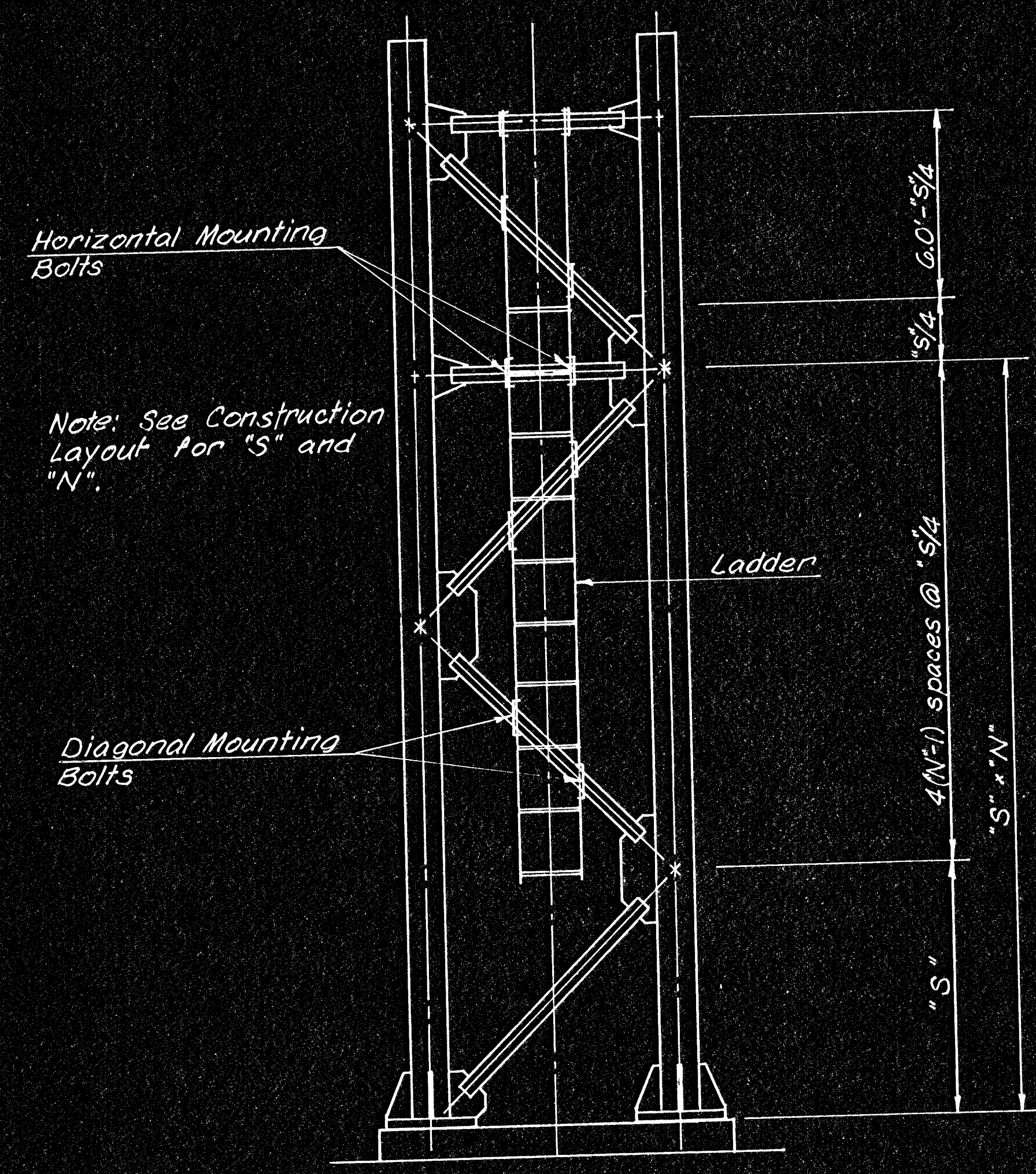
ALUMINUM DESIGN: The ladder shall conform to ASTM B211 alloy 6061-T6 or alloy 6063-T6 and shall have 1/2"x2" support bars and 1" ϕ cross bars.

BOLTS: All miscellaneous steel fasteners shall conform to Kansas Highway Commission Standard Specifications and shall be coated.

GALVANIZING: All steel material shall be hot-dipped galvanized, according to ASTM A123, after fabrication. Any damage to the coating shall be repaired after erection.

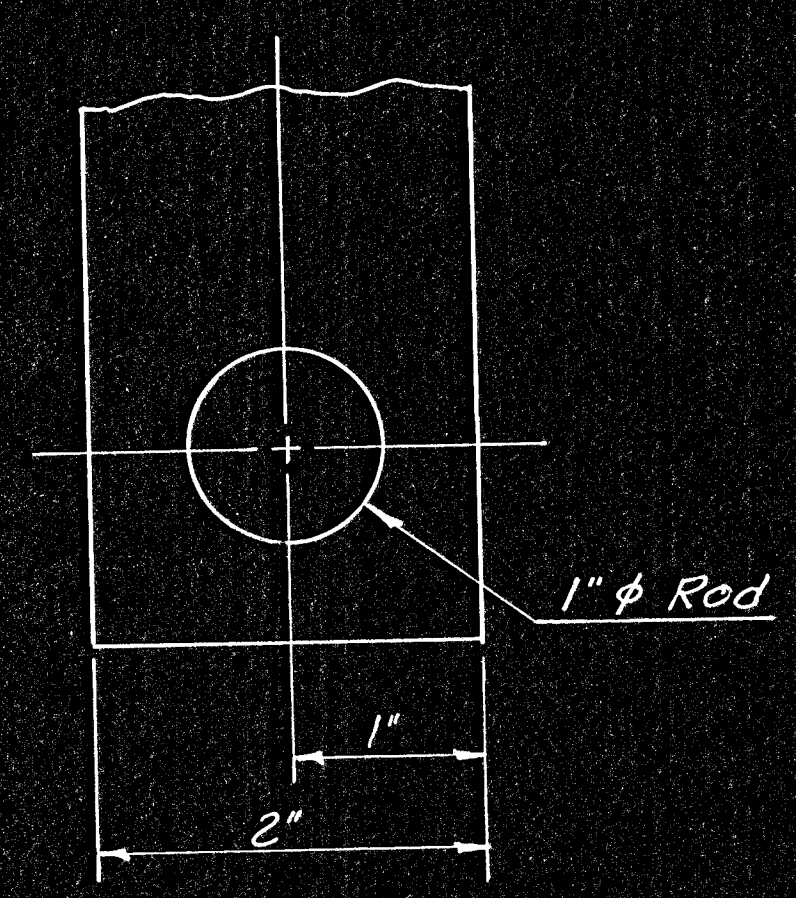
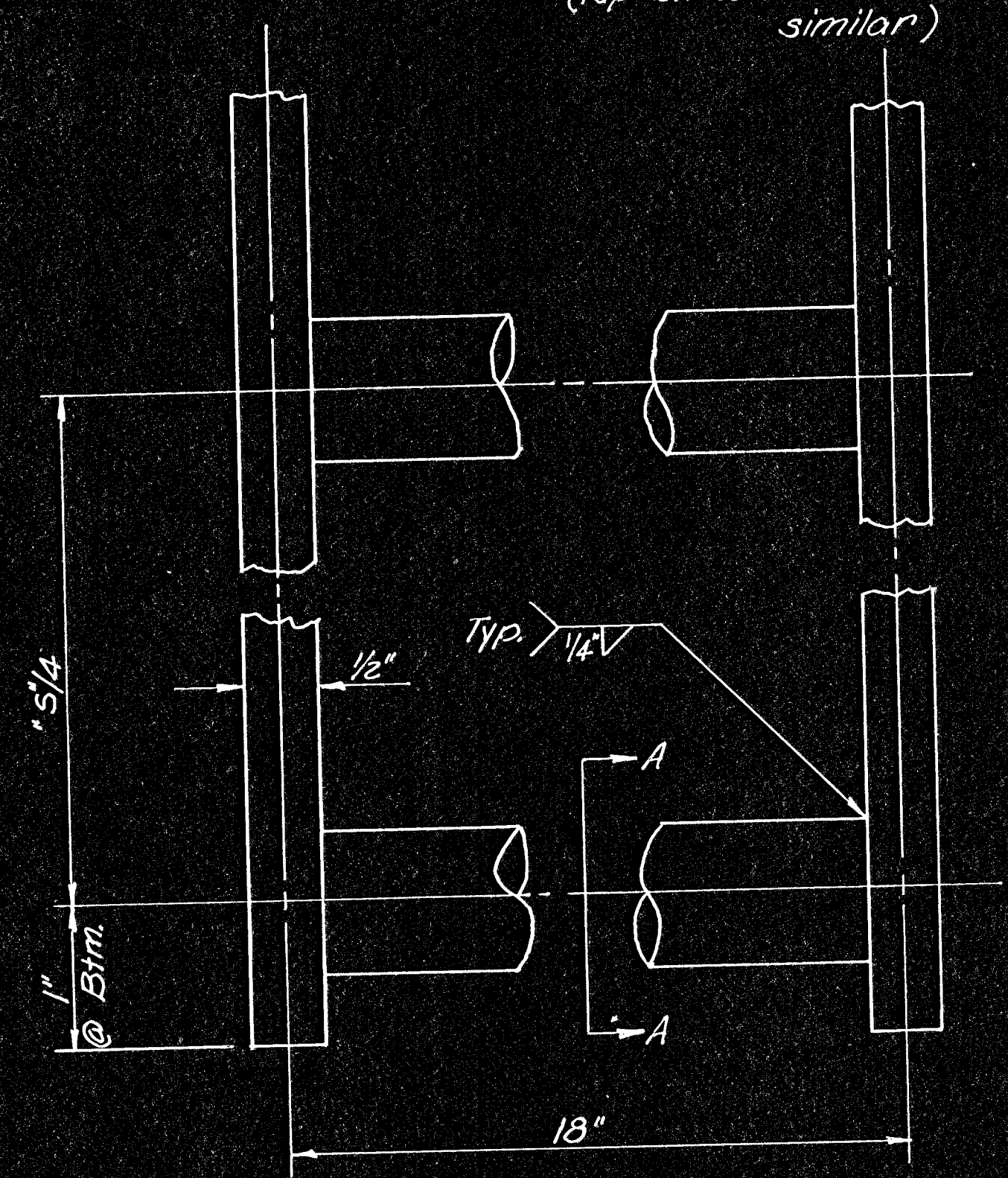
ALUMINUM WELDING AND FABRICATION: All welding and fabrication shall conform to AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals 1975 Edition and subsequent revisions.

STEEL WELDING: All welding shall conform to K.S.H.C. Standard Specifications and the latest edition AWS Specifications.



Note: Always mount ladder on outside of end support. See Construction Layout for end support(s) to be used.

MOUNTING DETAILS (Top shown other connections similar)



LADDER DETAILS

3					
2					
1					
NO.	DATE	REVISED	BY	DATE	
DEPARTMENT OF TRANSPORTATION - KANSAS					
STANDARD STRUCTURAL SIGN SUPPORTS					
SPAN TYPE OVERHEAD					
LADDER DETAILS					
10-75					
SHEET NO. 121 OF 143	SCALE	APPROVED	QUANTITIES	TRACED	
DESIGNED	LES	DETAILS	CK	DRG	
DESIGN	CK	QUAN	CK	TRACED	