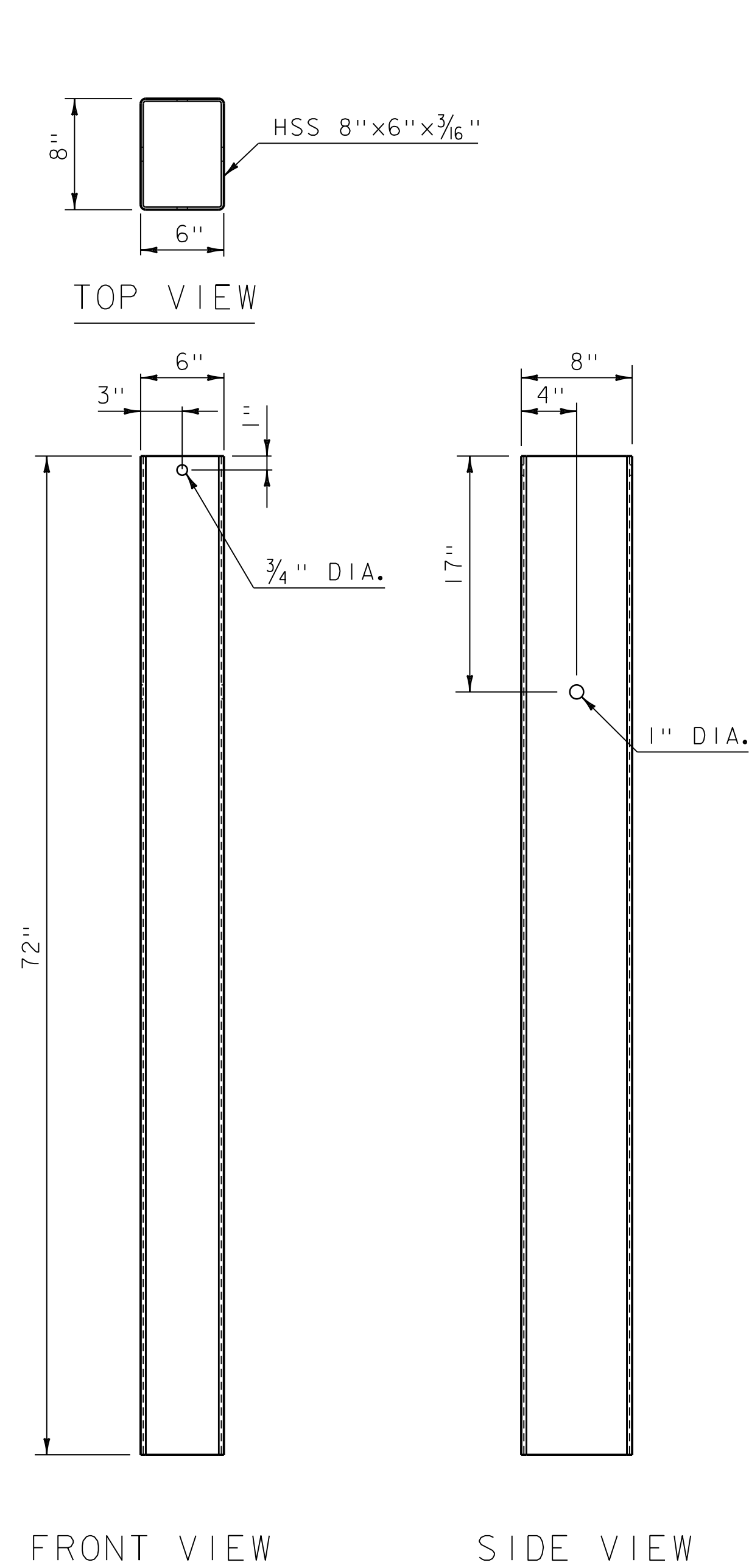
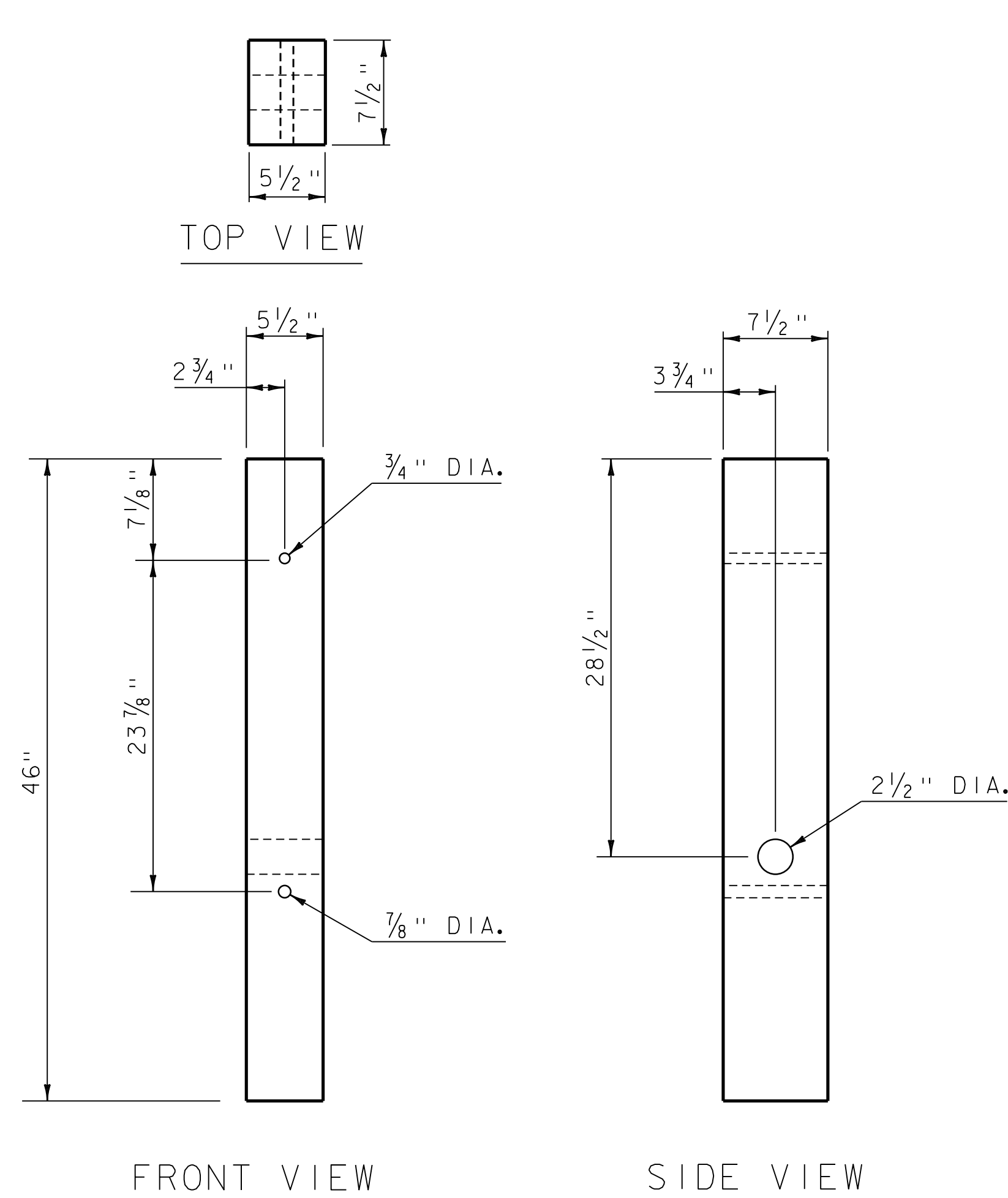
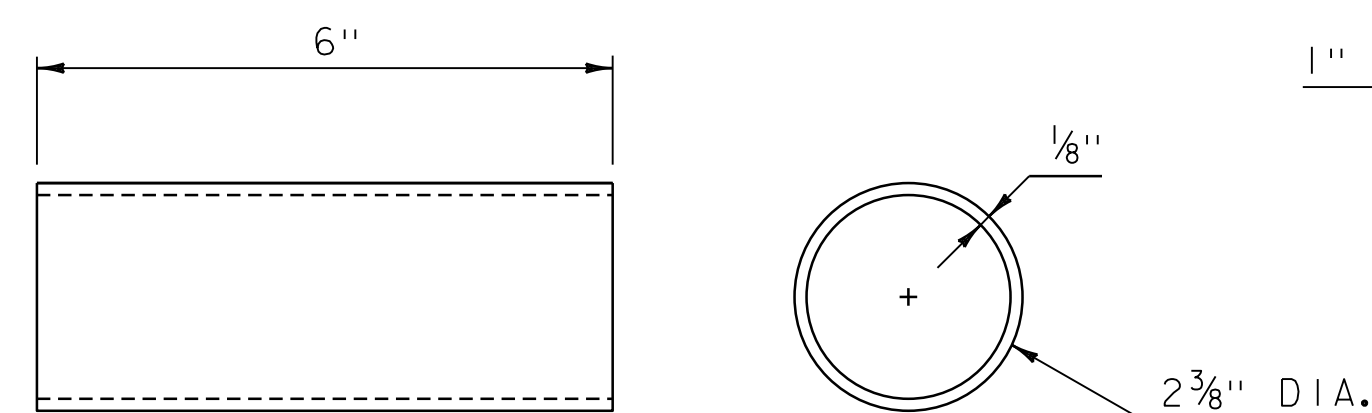




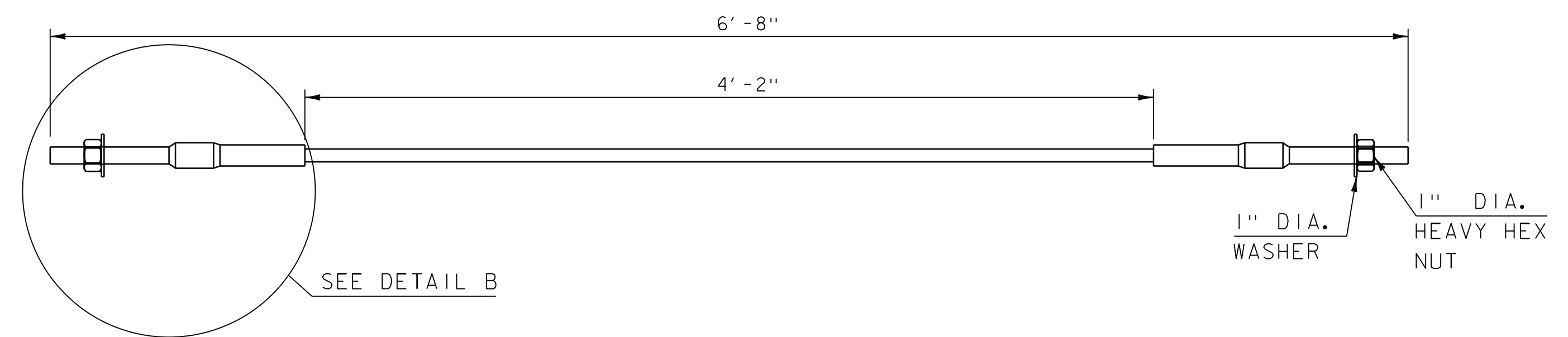
FOUNDATION TUBE



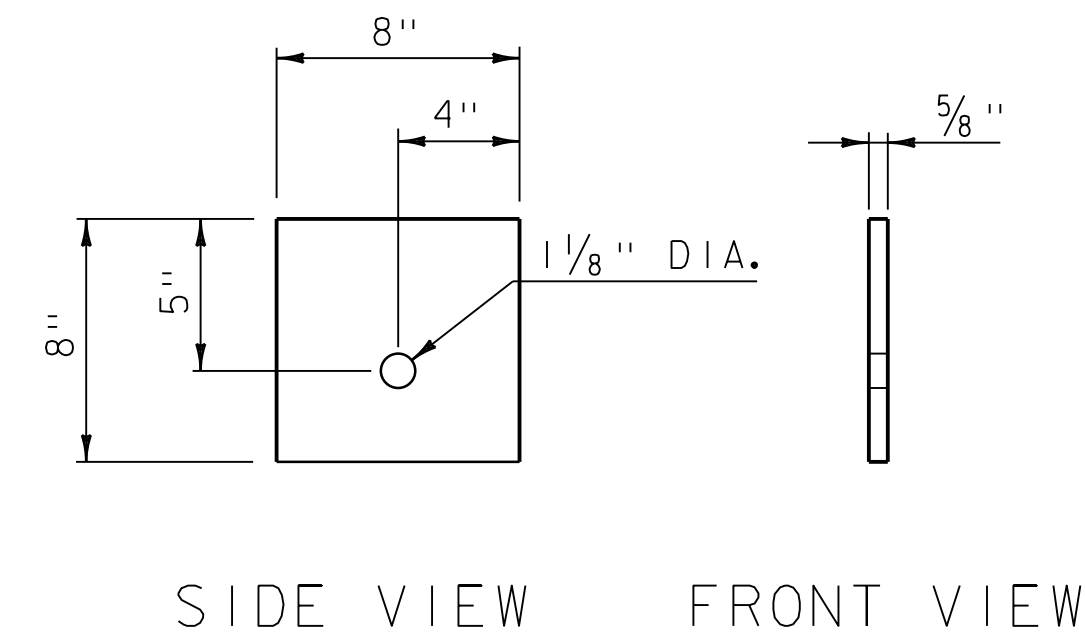
BREAKAWAY CABLE TERMINAL (BCT)
MGS TIMBER POST



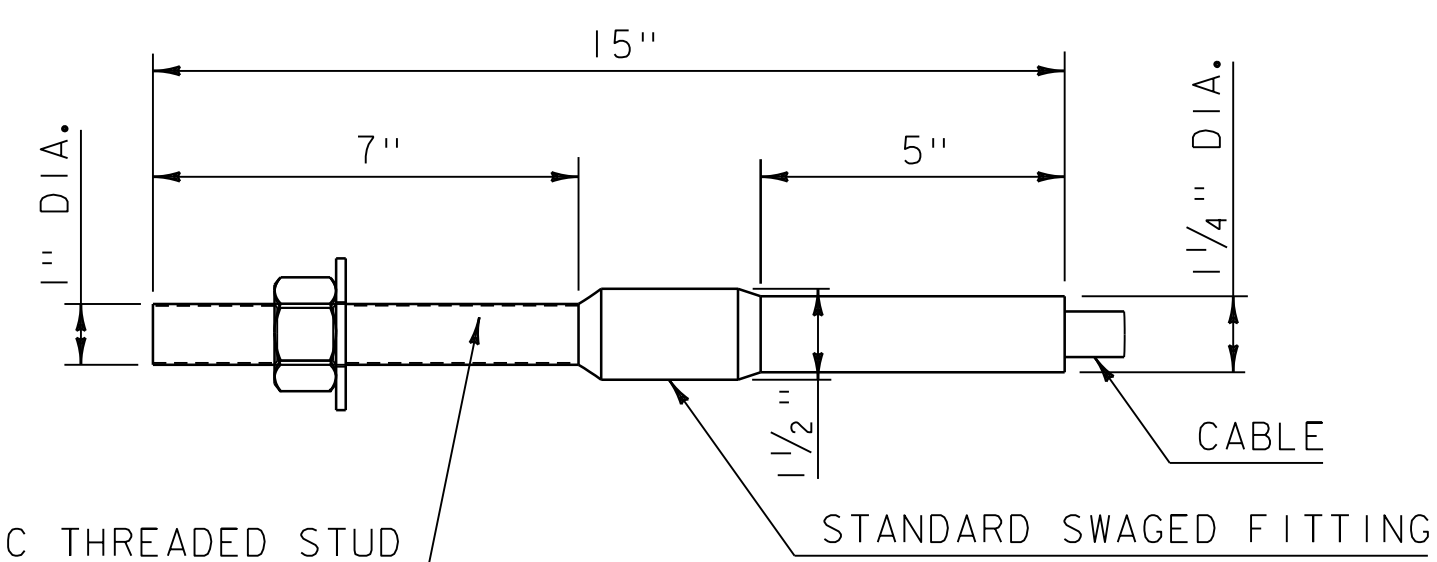
BCT POST SLEEVE



BCT CABLE ANCHOR ASSEMBLY



ANCHOR BRACKET
BEARING PLATE



DETAIL B

GENERAL NOTES

1. THE FOUNDATION TUBE SHALL BE STEEL TUBES IN ACCORDANCE WITH ASTM A500, GRADE B. TUBES SHALL BE GALVANIZED IN ACCORDANCE WITH AASHTO M 111 (ASTM A123) AFTER FABRICATION.
2. THE BCT POST SLEEVE SHALL BE STEEL PIPE WITH A PLAIN END IN ACCORDANCE WITH ASTM A53, GRADE B. SLEEVES SHALL BE GALVANIZED IN ACCORDANCE WITH AASHTO M 111 (A123) AFTER FABRICATION.
3. THE BCT MGS TIMBER POSTS SHALL BE WOOD POSTS IN ACCORDANCE WITH SUBSECTION 728.01 POSTS.
4. THREADED STUDS SHALL BE A FULLY THREADED STEEL STUD WITH A MINIMUM BREAKING STRENGTH OF 42,800 LBS. STUDS SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM B695, CLASS 55, ASTM F1941, OR ASTM F2329 AFTER FABRICATION.
5. STANDARD SWAGED FITTINGS SHALL BE MACHINED FROM HOT-ROLLED STEEL CONFORMING TO ASTM A576, GRADE 1035. FITTINGS SHALL BE GALVANIZED IN ACCORDANCE WITH AASHTO M 111 (ASTM A123) AFTER SWAGING.
6. CABLES SHALL BE METALLIC-COATED WIRE ROPES CONFORMING TO ASSHTO M 30, TYPE 11 OR TYPE 11 (a). CABLES SHALL HAVE A TYPE Z, CLASS A COATING IN ACCORDANCE WITH AASHTO M30.
7. MATERIAL SPECIFICATIONS FOR NUTS, BOLTS AND WASHERS SHALL CONFORM TO SECTION 728.03 (a) (1).
8. WIRE ROPE IS TO BE TAUGHT.

REV.	DATE	DESCRIPTION
0	JULY 22, 2026	ORIGINAL APPROVAL
OTHER STANDARDS REQUIRED: NONE		
APPROVALS ON FILE WITH VTRANS STANDARD DRAWING COMMITTEE		

MIDWEST GUARDRAIL SYSTEM (MGS) ANCHOR COMPONENTS I



STANDARD
G - 22