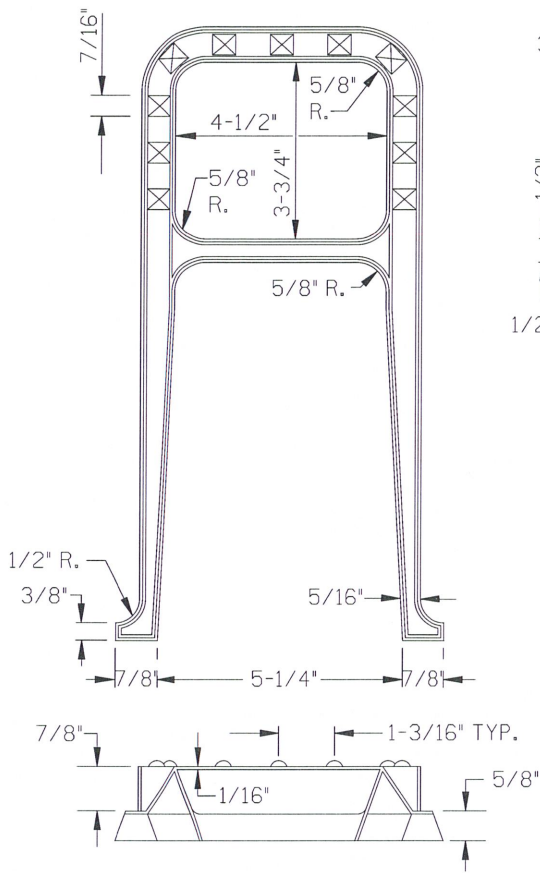
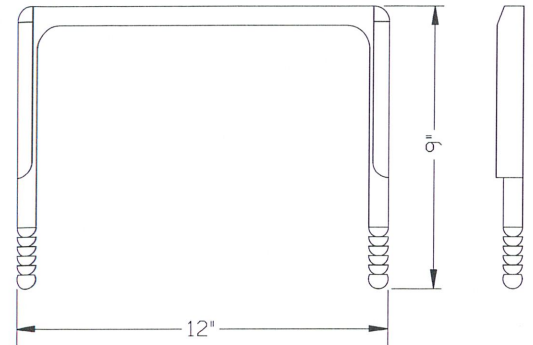
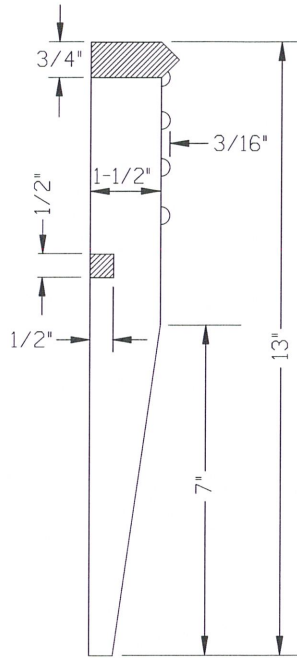




STANDARD STEP
1/4 SCALE



ALTERNATE STEP 2
1/6 SCALE

COPOLYMER POLYPROPYLENE
PLASTIC PSI - PF MANHOLE STEP,
USING THE 1/2" GRADE 60 REBAR.

SEE STANDARD 366 - STANDARD DETAIL FOR
MANHOLE STEP LOCATION AND INVERT DETAILS.

(REINFORCED STEEL, EPOXY OR RESILIENT COATED)

1/2" REINFORCING BAR MEETING ASTM DESIGNATION A15 ENCASED
IN NATURAL CORROSION-RESISTANT RUBBER OR EPOXY WITH A TRACTION
TREAD OF RESILIENT RUBBER OR EPOXY MEETING ASTM DESIGNATION C443.

NOTES: MANHOLES WITH 30 INCHES COVERS SHALL NOT HAVE STEPS UNLESS
AUTHORIZED IN WRITING BY WASTEWATER DESIGN OR SEWER OPERATIONS
AND MAINTENANCE AND APPROVAL BY THE DIRECTOR OF WATER AND SEWER

STANDARD DETAIL MANHOLE STEPS	
CITY OF TULSA, OKLAHOMA	
DRAWN BY: D.J.N. CHECKED BY: DATE: SEPT. 2025	APPROVED 
NOT TO SCALE	STANDARD NO. 314