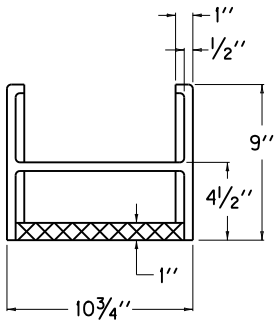


NOTES

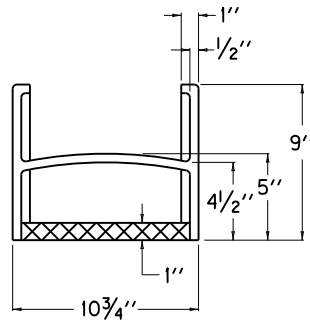
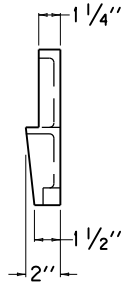
1. STEPS SHALL BE ASPHALT COATED CAST IRON OR POLYPROPYLENE PLASTIC COATED STEEL ROD OR OF A TYPE AND SIZE APPROVED BY THE ENGINEER.
2. STEPS SHALL BE SPACED APPROXIMATELY 12" TO 16" O.C. VERTICALLY SO AS TO FORM A CONTINUOUS LADDER.
3. STEPS SHALL BE REQUIRED IN MANHOLES WHEN THE STRUCTURE IS 4 FEET AND GREATER IN DEPTH. (MEASURE FROM FLOW LINE OF LOWEST PIPE TO TOP OF STRUCTURE).
4. THE TREADS OF ALL STEPS SHALL HAVE ANTI-SKID PROPERTIES FOR HAND AND FOOT GRIPS.

MANHOLE:

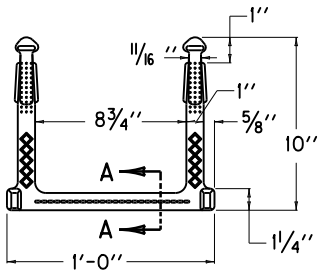
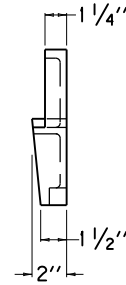
USE TYPE 1 OR TYPE 3 STEPS FOR MANHOLE PIPE CHAMBER AND STEP TYPE 2 OR TYPE 4 FOR MANHOLE TOWER.



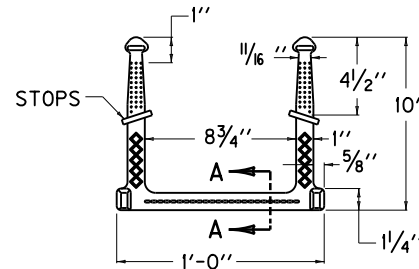
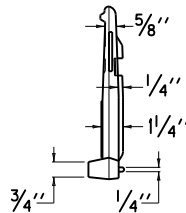
STEP TYPE NO. 1



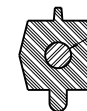
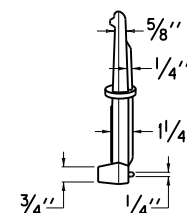
STEP TYPE NO. 2



STEP TYPE NO. 3



STEP TYPE NO. 4



NO. 3 STEEL ROD

SECTION A-A

KENTUCKY DEPARTMENT OF HIGHWAYS	
MANHOLE STEPS	
STANDARD DRAWING NO. RDB-430-04	
SUBMITTED <i>John B. Sackett</i> DIRECTOR, DIVISION OF DESIGN	12-1-99 DATE
APPROVED <i>J. M. [Signature]</i> STATE HIGHWAY ENGINEER	12-1-99 DATE