

INLET FOR UNDERGROUND OUTLET - PLASTIC

NOTES:

1. Plastic Pipe: Polyvinyl Chloride (PVC) or High Density Polyethylene (PE) pipe with SDR equal to 43 or less.
2. The above ground portion of the inlet, must have holes evenly spaced around the circumference of the pipe, as shown below:

Inlet Diameter (Inches)	Minimum Number Of 1" Diam. Holes Per Ft. Of Inlet
5	25
6	30
8	40
10	50
12	60

3. The below ground portion of the inlet, may be perforated with holes 5/16 inch diameter or less, to provide drainage around the inlet.
4. The tee or elbow diameter must be equal to or larger than the diameter of the conduit downstream from inlet.
5. Install a reducer immediately above the tee or elbow if the inlet diameter is greater than the diameter of the tee or elbow.
6. The underground outlet conduit, must be installed deep enough to provide a minimum 24" of cover (after construction) to prevent crushing.
7. The trash guard for Type II inlets shall be securely fastened to the inlet. Trash guards may be fabricated from metal rods (1/8" diameter or larger) or galvanized welded wire fabric (16 gage or larger). The spacing between vertical members should be 1 inch.

REFERENCE
 Project _____
 Designed _____ Date _____
 Checked _____ Date _____
 Approved _____ Date _____



NRCS

Natural Resources Conservation Service

STANDARD DWG. NO.
 IL-544
 SHEET 2 OF 2
 DATE 8-17-94