

TYPE I

TYPE II

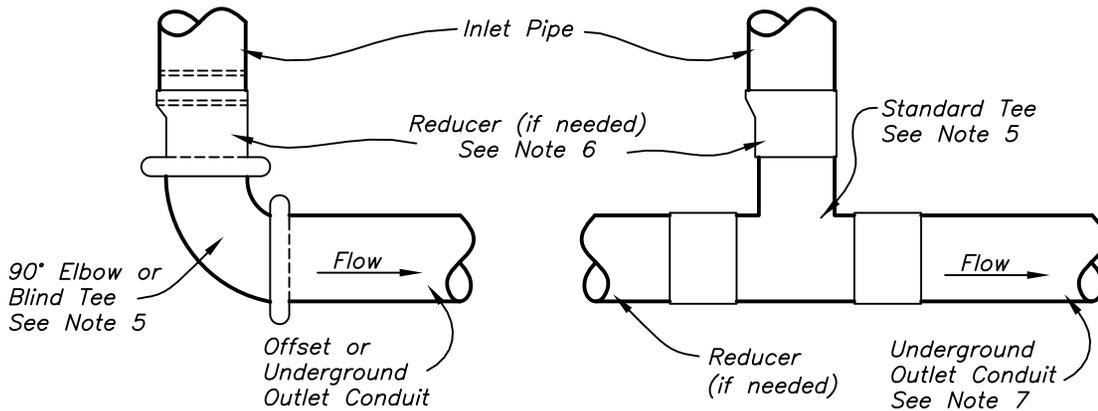
INLET ALTERNATIVES

NOTES:

1. Specifications for material and fabrication are shown on Missouri Construction Specification 620, Underground Outlet Inlet.
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
6	30
8	40
10	50
12	60

3. Bar guard shall be attached to the inlet and constructed from a min. 1/4" steel rods for pipe sizes less than 15". As approved by NRCS, other designs having equivalent opening sizes may be used.
4. The below ground portion of the inlet may be perforated with holes 5/16 inch diameter or less to provide drainage around the inlet.
5. The tee or elbow diameter must be equal to or larger than the diameter of the conduit downstream from the inlet.
6. Install a reducer immediately above the tee or elbow if the inlet diameter is not equal to the diameter of the tee or elbow.
7. The underground outlet conduit must be installed deep enough to provide a minimum 24" of cover (after terrace construction) to prevent crushing.



OFFSET CONNECTION
(or for upper inlet on conduit)

DIRECT CONNECTION

CONNECTION OF INLET TO CONDUIT

DRAFT
NOT FOR
CONSTRUCTION

Date _____

Designed _____

Drawn _____

Checked _____

Approved _____

**INLET DETAIL FOR
UNDERGROUND OUTLETS**



File Name _____

Drawing Name
29-L-55

Sheet _____ of _____