

TYPE I INLET

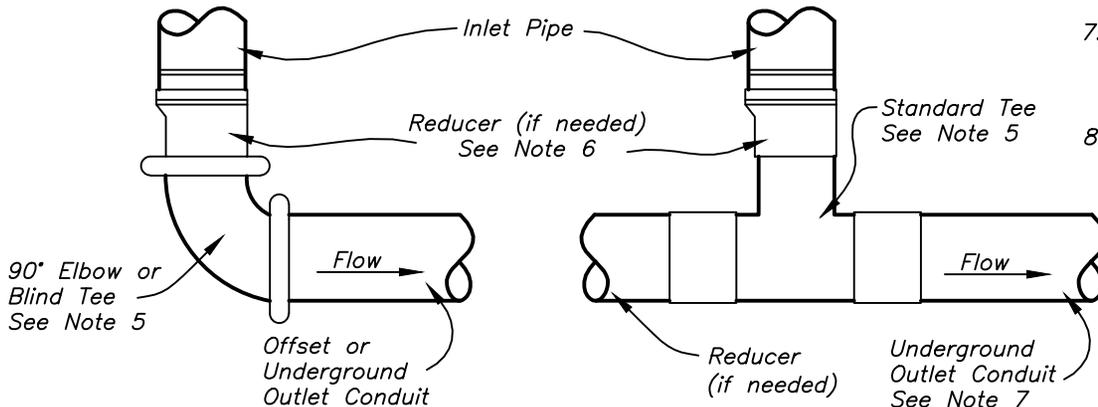
NOTES:

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 |
|-------------------------|---|
| 5 | 25 |
| 6 | 30 |
| 8 | 40 |
| 10 | 50 |
| 12 | 60 |

See Riser Inlet Report Table for required riser and orifice dimensions.

3. Orifice plate shall have a smooth sided circular opening. Orifice plate shall be firmly attached to wall of inlet pipe to prevent movement during use. Minimum thickness of plate shall be 0.125" for flat steel or plastic with a molded profile or 0.25" for flat plastic or fiberglass.
4. The below ground portion of the inlet may be perforated with holes $\frac{5}{16}$ 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.
8. Inlet pipes may not be fabricated using single wall corrugated plastic tubing.



OFFSET CONNECTION
(or upper inlet connection)

DIRECT CONNECTION

CONNECTION OF INLET TO CONDUIT

DRAFT
NOT FOR
CONSTRUCTION

Date _____

Designed _____

Drawn _____

Checked _____

Approved _____

TYPE I INLET DETAIL FOR UNDERGROUND OUTLETS



File Name _____

Drawing Name
29-L-56

Sheet _____ of _____