

UNDERGROUND OUTLET

DESIGN AND CHECK DATA REQUIREMENTS

The following items must be addressed for an Underground Outlet.

Survey Data

1. Freehand sketch of layout showing stations at outlets, lateral, and inlets.
2. Profile along the proposed centerline(s).

Design Data

1. Capacity and size requirements based on inflow from surface inlets and drainage laterals.
2. Plot of profile of ground surface and proposed grade.

Construction Check Data

1. Measurements to show conduit and appurtenances were installed as design or as otherwise modified by the authorized personnel in the field.

2. Name of pipe or tubing manufacturer, product name, material and applicable code (ASTM, AWWA).
3. Length of each size of tubing or pipe.
4. Length, kind and size of outlet pipe.
5. Vertical distance between invert of conduit and normal water level in the receiving ditch or stream.
6. Method of blinding or otherwise securing the conduit.
7. Location sketch of lines installed.
8. Minimum cover.
9. Grade of lines.
10. Details of trash and/or animal guards, if installed.