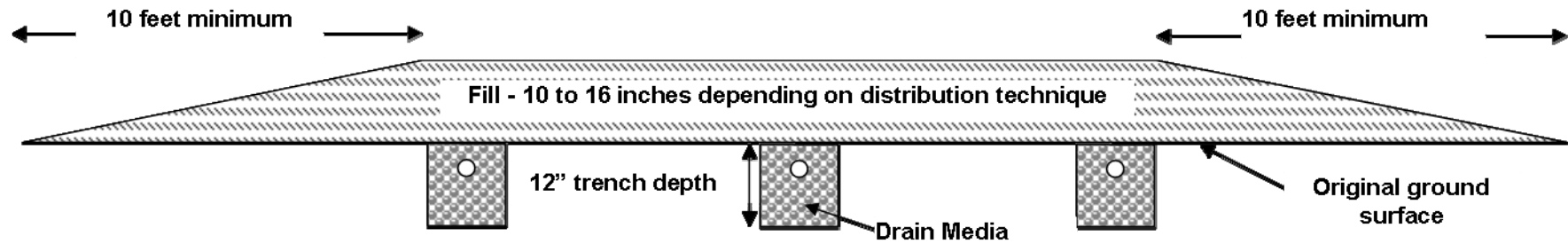


Capping Fill System Diagram



Capping Fill Construction Requirements

Construction Requirements: The cap shall be constructed in accordance with permit requirements. Unless otherwise required by the Linn County Environmental Health Program, the construction sequence shall be as follows.

- Construction of capping fills may only occur between June 1 and October 1 unless otherwise allowed. The upper twenty-four inches of soil must not be saturated or at moisture content which causes loss of soil structure and/or porosity when worked.
- The fill material must be compatible with the native topsoil on the site. **A sanitarian from our office must examine and approve the fill soil prior to placement on the drainfield site.**
- Scarify (plow or disc) both the drainfield site and the borrow site to destroy the vegetative mat.
- Apply the fill to the drainfield site and work in (rototill) so that the two contact layers (native soil and fill) are incorporated. Evenly grade fill material to a final depth of 10" for equal distribution or 16" for serial distribution. This will result in a six or twelve inch settled fill depth.
- Install the drainfield as specified in the construction permit. There must be a minimum of 10 feet of separation between the edge of the fill and the nearest trench sidewall.
- Following inspection and approval, carefully backfill the trenches. The site must be planted with grass, and protected from livestock, automotive traffic, or other activity that would damage the system.

Required Inspections: The following minimum inspections must be performed for each capping fill installation.

- Both the drainfield site and the borrow material must be inspected for scarification, soil texture, and moisture content prior to construction of the cap.
- After the cap is placed, an inspection must be made to determine that there is good contact between fill material and native soil (no obvious contact zone visible), sufficient area filled, adequate depth of material, and uniform distribution of fill material.
- A pre-cover inspection of the installed drainfield must be made. You or your installer must submit a completed "as-built" record of the installation with the request for this inspection.
- A final inspection must be made after the system has been backfilled, finish-graded, and seeded. A Certificate of Satisfactory Completion may be issued following this inspection.

NOTE: The system installer is responsible for final backfilling and grading of the system. The property owner is responsible for establishing a vegetative cover within 30 days of the final grading of the cap.