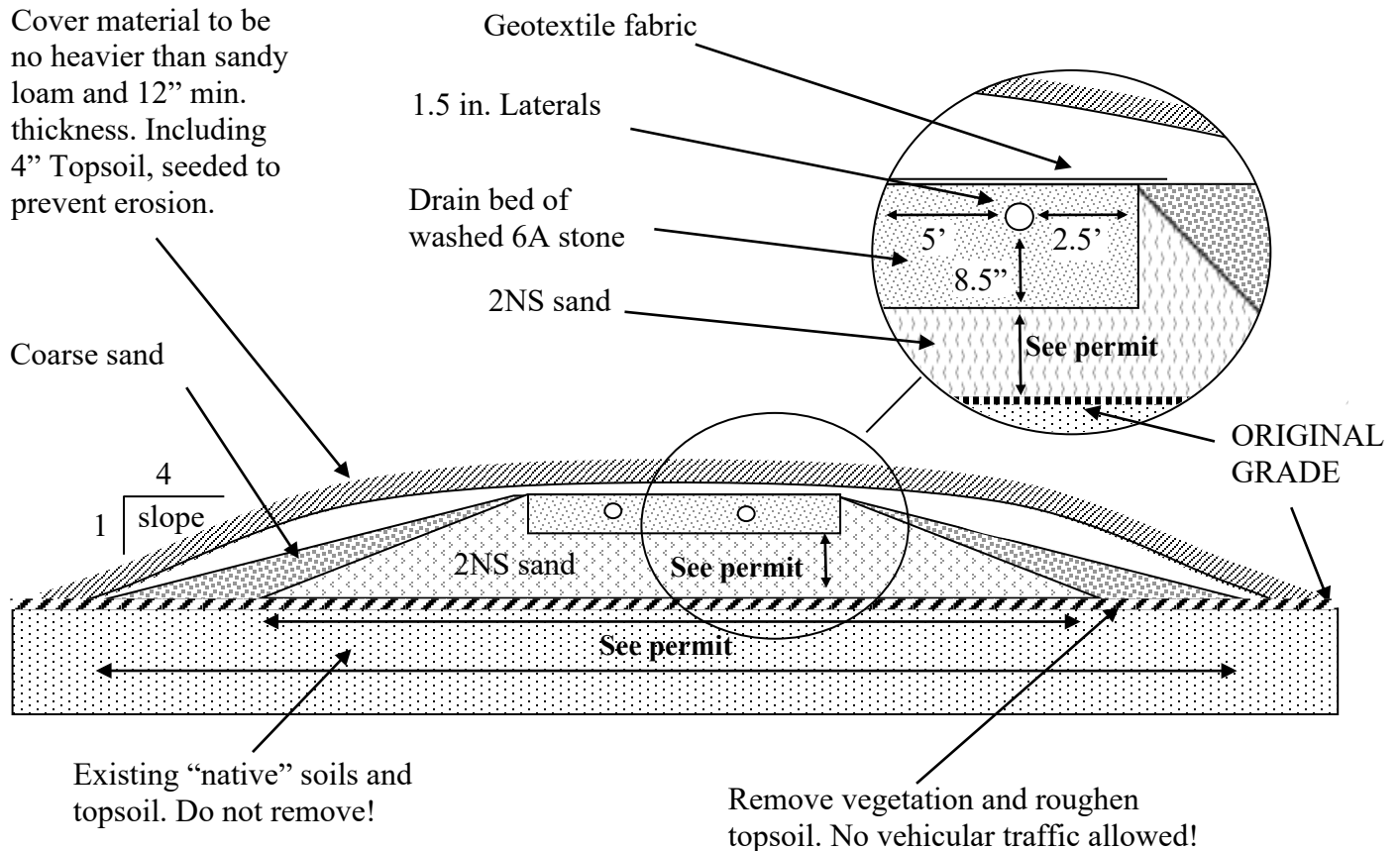


*Kent County Health Department
Water Supply / Waste-water Disposal Facility Permit*

**PRESSURE DISTRIBUTION MOUND SYSTEM
CROSS SECTIONAL VIEW & SPECIFICATIONS**



COMMENTS:

- Place raised mound system in location shown on permit. The areas of the stone, 2NS sand, and clean coarse sand and the number of laterals must be as written on the permit. Using the excavator teeth, remove vegetation and roughen topsoil. Do NOT drive equipment in the fill area or downslope greenbelt. Place a bed of clean, coarse washed (2NS) sand in the mound area. The 2NS sand fill basal area must be as written on the permit. The 2NS fill starts at the highest point of original grade.
- Place a bed of washed 6A stone centered over the 2NS sand fill. Lay the laterals and manifold over the stone in the configuration shown on permit. Manifold must be in the center of the drainbed. Drill **1/4"** holes every **5'** in the bottom of the laterals. Cover the laterals with 2" of washed 6A stone.
- Complete the mound by placing clean sand fill (similar to Class 2 or superior) around the 2NS sand. The sides of the fill must be a minimum 4:1 slope extending from the top of the stone. Basal area of the coarse sand must be as written on the permit. The slope must be 25' from footing drains.
- A pressure test will be required at time of final inspection and produce a minimum of 2' and a maximum of 5' of head pressure.
- Prior to backfilling, the stone must be covered with geotextile fabric (no heavier than 2 oz/sq.yd.).
- An effluent filter and riser are required in the second septic tank.
- **DO NOT INSTALL DURING WET WEATHER.**