Notes:
1. Coarse aggregates shall meet one of the following IDOT gradations: CA-1, or CA-3.
2. Infiltration trench shall provide adequate storage for the design storm.
3. The volume of runoff water temporarily stored in the trench is approximately 40% of
   the total volume of the infiltration trench including aggregate.
4. Subsurface drain pipe required unless adequate soil permeability can be verified.
5. Geotextile (non-woven, needle punched) min. criteria:
   Grab Tensile strength (lb) ASTM D 4632________________________202
   Elongation at failure (%) ASTM D 4632________________________≥50
   Trapezoidal tear strength (lb) ASTM D 4533____________________79
   Puncture strength (lb) ASTM D 6241___________________________433
   Ultraviolet light (% retained strength) ASTM 4355________________min 50
   Apparent opening size (AOS) ASTM D 4751____max 0.22 mm (US sieve size 70)
   Permittivity sec⁻¹ ASTM D 4491________________________________min 0.7
6. Geotextile splices shall overlap 18 inch minimum.