8 oz/sq-yd (271 g/sq-meter) min. non-woven geotextile filter fabric encasing Rainstore3 structure. Proper fabric pore size chosen to prevent backfill from entering chamber.

Backfill compacted to 95% modified proctor density. 12" (0.3 m) minimum, 36" (0.9 m) maximum depth.

20" (0.5 m) minimum to allow space for proper compaction.

Utility markers. Use metallic tape at corners of install to mark the area for future utility detection.

Non-corrosive hose clamp used to fasten liner to pipes to prevent backfill from entering structure.

Grasspave2 or Gravelpave2 porous paving

Detention outflow pipe if necessary. Sized for desired flow rate. Location near inflow allows suspended solids to exit before settling.

Geogrid (Tensar TriX 160 or equiv.)

Geogrid (Tensar TriX 160 or equiv.)

Rainstore3 structure

8 oz/sq-yd (271 g/sq-meter) min. non-woven geotextile filter fabric encasing Rainstore3 structure. Proper fabric pore size chosen to prevent backfill from entering chamber.

Excavation line.

Suitable structural backfill compacted to 95% modified proctor density.

40" (1.0 m) geogrid overlap.

NOT TO SCALE