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

Suitable structural backfill compacted to 95% modified proctor density.

Surfacing

Geogrid (Tensar TriX 160 or equiv.) exterior of fabric.

Rainstore3 structure.

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

Catch basin or other suitable filtration system. (by others)

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

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

8 oz/sq-yd minimum (271 g/sq-meter) non-woven geotextile filter fabric encasing Rainstore3 structure.

Geogrid (Tensar TriX 160 or equiv.) interior of fabric.

Excavation line.

8 oz/sq-yd minimum (271 g/sq-meter) non-woven geotextile filter fabric encasing Rainstore3 structure.