Liner formed in a "boot" and two non-corrosive hose-clamps used to seal liner to pipe. 40 mil (1mm) or greater PVC impermeable liner encasing Rainstore3 structure EXCEPT TOP (for infiltration). Seams sealed per manufacturer's recommendations.

Rainstore3 structure placed having cylinders with sharp points facing upwards. Inlet to Rainstore3. Water must be thoroughly filtered prior to entering structure.

Gravelpave2 or Grasspave2 porous pavers – see respective design details. Gravelpave2 or Grasspave2 porous pavers – see respective design details.

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

Inlet to Rainstore3. Water must be thoroughly filtered prior to entering structure. Gravelpave2 or Grasspave2 porous pavers – see respective design details.

Liner formed in a "boot" and two non-corrosive hose-clamps used to seal liner to pipe. 40 mil (1mm) or greater PVC impermeable liner encasing Rainstore3 structure EXCEPT TOP (for infiltration). Seams sealed per manufacturer's recommendations.

Rainstore3 structure placed having cylinders with sharp points facing upwards. Inlet to Rainstore3. Water must be thoroughly filtered prior to entering structure. Gravelpave2 or Grasspave2 porous pavers – see respective design details.

Pipe leading to suitable pump station (by others).

Overflow pipe, if necessary, leading to other stormwater facility.

Excavation line.

Structural backfill compacted to at least 95% relative density in 12 inch maximum lifts.

Geotextile filter fabric, 8 oz/sq-yd (271 g/sq-meter) min. encasing Rainstore3 Structure. NOTE: One layer is required for the top of the structure, ALL 5 remaining sides get two layers.

Geogrid (Tensar BX1200 or equiv.).

Rainstore3 structure.

Geogrid (Tensar BX1200 or equiv.) exterior of fabric and liner.

Geogrid (Tensar BX1200 or equiv.) placed on Rainstore3 units and inside fabric and liner.

Excavation line.

20" (.5 m) minimum to allow space for proper compaction.

Structural backfill compacted to at least 90% relative density in 12 inch maximum lifts.

Pipe leading to suitable pump station (by others).

Geogrid (Tensar BX1200 or equiv.).

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

NOT TO SCALE