1. Do not excavate trench until dry weather is forecast long enough to allow at least coverage of the StormChamber system with filter fabric prior to raining.

2. Begin placements with Start chambers and end rows with End chambers.

3. Roll out rows of StormChamber lightweight netting (provided with the StormChambers) parallel with the inflow and adjacent(s). Overlap the rows by approximately 1' [300mm]. Keep the netting flat; if moved, straighten and flatten out.

4. Place one piece of the StormChamber heavy weight netting (provided with the StormChambers) under each StormChamber that will be receiving the chamber crown. Position the closed ends at least 1' [300mm] from the trench wall.

5. Line trench walls with a 4-ounce [113g] non-woven filter fabric such as Mirafi 140N or 140NC, Synthetic Industries 401, or AMOCCO 4545 or 4535. Overlap adjacent filter fabric by at least 2' [600mm]. Do not place filter fabric under the StormChambers.

6. Unless otherwise specified, place 9" [230mm] of crushed, washed, 3/4" - 2" [20mm - 50mm] hard, non-calcareous stone on the bottom of the trench. The base must be level and at a zero grade.

7. If a cut extends more than 0.5" [13mm] beyond the intended diameter, place a piece of the StormChamber non-woven filter fabric over the hole, cut an "X" into the filter fabric, and backfill with the cut-out material. The filter fabric will hold the StormChambers together until the stone is placed. The gap between the two StormChambers near their base must be closed enough to prevent stone from falling into the gap.

8. Backfill soil must be free from large stones and large organic material (e.g. tree limbs and root stumps), and is capable of being compacted to at least 90% of compacted dry density.

9. Each chamber will be capable of being installed with a maximum of 12 feet [3657mm] of cover above the crown of the chamber.

10. Each chamber system will be capable of being installed with a minimum of six inches [150mm] of stone base.