

Installation of a BayFilter™ System

1. Contact utility locator to mark any nearby underground utilities and make sure it is safe to excavate.
2. Reference the site plan and stake out the location of the BayFilter™ manhole/vault.
3. Excavate the hole, providing any sheeting and shoring necessary to comply with all federal, state and local safety regulations.
4. Level the subgrade to the proper elevation. Verify the elevation against the manhole/vault dimensions, the invert elevations, and the site plans. Adjust the base aggregate, if necessary.
5. Have the soil bearing capacity verified by a licensed engineer for the required load bearing capacity. On solid subgrade, set the first section of the BayFilter™ manhole/vault.
6. Check the level and elevation of the first section to ensure it is correct before adding any riser sections.
7. If additional section(s) are required, add a watertight seal to the first section of the BayFilter™ manhole/vault. Set additional section(s) of the manhole/vault, adding a watertight seal to each joint.
8. Install the trolley system (if applicable). See separate instruction sheet.
9. Install the PVC outlet manifold. Glue all PVC joints with the exception of the BayFilter cartridge coupling.
10. Install the PVC outlet pipe in BayFilter™ manhole/vault.
11. Install the inlet pipe to the BayFilter™ manhole/vault.
12. Install Bayfilter Drain Down Modules (DDM) with red mark aligned to the top of the manifold system.
13. After the site is stabilized, remove any accumulated sediment or debris from the vault and install the flow disks and the BayFilter™ cartridges.

TOOL LIST:

- PVC GLUE AND PRIMER
- CRANE / LIFTING MECHANISM TO LOWER THE CARTRIDGES IN THE VAULT (EACH CARTRIDGE WEIGHS 350 LB)
- SCREWDRIVER OR NUT DRIVER FOR FERNCO COUPLERS
- SOFT BLOW HAMMER
- SAW (IN CASE PVC SCH 40 PIPING LENGTH NEEDS TO BE ADJUSTED).