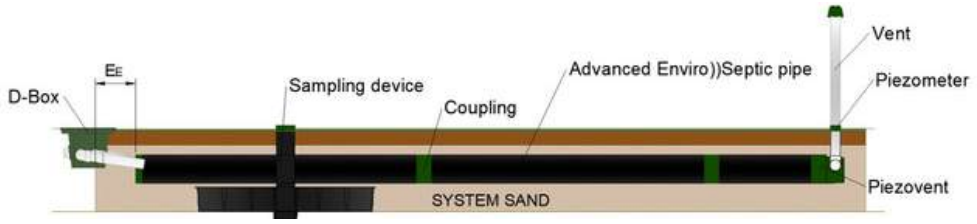
Installation Steps for Standard configurations



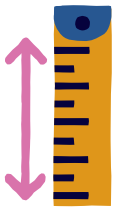
☐ **1-Make sure you have achieved all clearance distances. From pipes.**

☐ **<u>2-Excavate contact area as per design.</u>** Insure all organics and anything not acceptable to build a septic on is removed. Scarify if required. If you need to dig deeper you may use Type A septic sand to bring elevation up to the bottom of system sand layer. -

☐ **3- Make sure you have achieved all your vertical separation from high water table, bedrock, etc. (As per your design your design.)**

(A) - T time - 6 (to) 50 = 450mm minimum.

(B) - If the T is less 6 min/cm (or) greater than 50 min/cm the vertical separation = 600mm minimum.



☐ **<u>4- Install .30m of system sand:</u>** Level out sand area where pipes are going to be Installed <u>(as indicated on your site plan)</u> (within 2-3cm, preferably lower). Pipes must be installed level end to end. Ensure you're sand meets specifications. -

☐ **5- install sampling device.** Spray paint out where all the runs will land on the contact area. Then select the location of the sampling device.
* pick one of the outside runs. -

Make sure the sample device is about 2" below the pipe. - You will have to dig down about 35cm in the area required then Fill it up with the system sand that was dug out from installing the sampling device. -

☐ **6 -Lay out and couple enviro pipes together.** Make sure the seem -
/tag is facing up on pipes. Make sure couplers are tight and there should be enough geo on each pipe to pull back and to cover the coupler back up. -
<u>Pipe is installed level end to end.</u> .

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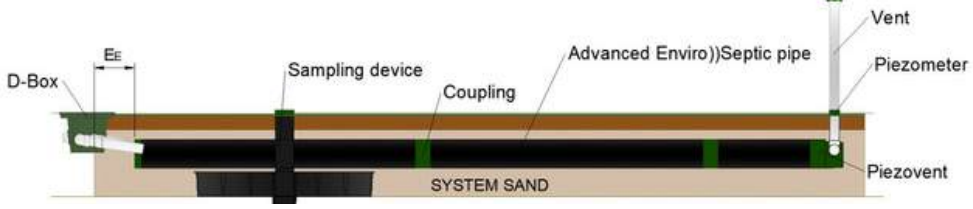

☐ **7 - Build the footer side.** Push on the black pieces to the enviro pipe (the ones with the t fitting in them). Connect all the ends together with 4" solid PVC. Each run gets a sample port (ie piezometer) to grade .Extend a piece of pipe up to finish grade at the end of each run). Use the green 4" caps to cap the sample ports off.

☐ **7B -** Use one of the extra sides off one of the outside runs and run a vent (4" solid weeping tile or 4" pvc) to a nice place (anywhere) on the property.

☐ **8 - Entry Vent** assemble goose neck entry vent with a vent cap. make sure your above snow level usually about 3' above grade. And can be placed. anywhere on the property (hidden where the customer can't see if possible .

☐ **9 - Green front caps -**snap on the green front caps . Again make sure you cover the connection up with the geo from the pipe. They are the green ones with 4" holes. The holes stay to the top of the pipe.

☐ **10 - Fill up the remaining system sand required**.
But first, ensure that your pipes are level and installed to the elevation that is indicated on your site plan -
Now fill all around pipes and over whole contact area .
and 10cm above the pipes. (min)
and 45cm on sides and from O/C (min)
30cm on front and back of pipe.(min)

☐ **11 - D Box installation . Set lid of d-box to desired grade. Plumb 4 inch solid PVC pipe from D-box to system O)) pipes. Insert solid 4" PVC pipe into the Green front caps about 7 to 12".**

A) velocity reducer is required if the system is pumped.
B) Air bypass from D box to pump if system pressurized.
C) Insulation required on force main or 1.5m dig or free flow.

☐ **12- Now you can call for inspection**. Brush off a few areas of the enviro and fittings for the inspector to see. After inspection Topsoil and final grade.