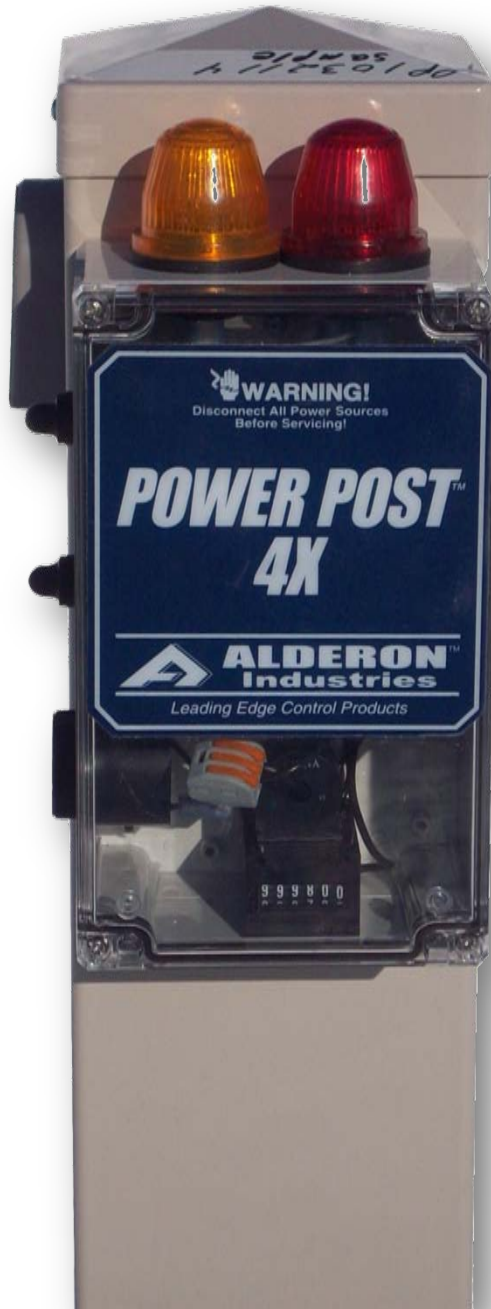


Installing a Power Post 4X



Power Post Install #1

- A backhoe trenches a drain field



Power Post Install #2

- A backhoe trenches for the sew pipe from the house and digs a hole for the septic tank.



Power Post Install #3

- The septic tank is placed in the ground and covered with dirt.



Power Post Install #4

- The Power Post is installed by the riser closest to the drain field. This is the chamber of the septic tank that the pump and alarm float are located in. From this chamber the effluent is pumped to the drain field.



Power Post Install #5

- Remove the lid and determine the mounting location of the Power Post near the riser.



Power Post Install #6

- A holesaw is used to drill through the riser. This provides the hole for the riser connection kit.



Power Post Install #7

- The hole from the riser is used as a jig to drill through the Power Post.



Power Post Install #8

- The RISER CONNECTION KIT is placed through the Power Post.



Power Post Install #9

- With the Riser Connection Kit connected, the Power Post is pushed through the riser with approximately 4"-5" sticking through the riser.



Power Post Install #10

- Side view of the Riser Connection Kit sticking through the riser.



Power Post Install #11

- The filter switch conduit is connected after the Riser Connection Kit from the Power Post to the riser has been connected.



Power Post Install #12

- Install the discharge pipe on the pump. Then place the pipe clamps and floats on the discharge pipe.



Power Post Install #13

- The Unimax float is the alarm float and is mounted on top to activate the alarm The Big Switch is mounted on the bottom for pump control.



Power Post Install #14

- This installation used these activation levels. The have the alarm float activate 2" above the pump float, allowing maximum time for a service truck to investigate before a sewage back up.



Power Post Install #15

- The floats, pipe and pump are carried to the septic tank.



Power Post Install #16

- The depth from the bottom of the septic tank to the discharge pipe from the septic tank is measured. The discharge pipe from the pump is cut to fit in the tank.



Power Post Install #17

- The floats and pump are placed into the septic tank and are ready to plumb into the discharge pipe to the drain field.



Power Post Install #18

- The discharge pipe from the riser to the drain field is installed.



Power Post Install #19

- An elbow is placed on the discharge pipe from the pump.



Power Post Install #20

- A coupler is used to connect the elbow to the drainfield discharge pipe.



Power Post Install #21

- View of pipes connected.



Power Post Install #22

- The wires from the pump and the floats are placed into the liquid and air tight grommet.



Power Post Install #23

- When the pump cable, big Switch cable and Unimax cable are fastened to the grommet it is inserted into the Riser Connection Kit and completes the seal.



Power Post Install #24

- Pull the pump, pump float and alarm float cables up to the top of the Power Post.



Power Post Install #25

- Use the tie strap to fasten the cables. Pull the power through the cord connector on the front of the Power Post.



Power Post Install #26

- Plug the pump into the pump switch and place the cables into the post.



Power Post Install #27

- View of cables from septic tank into Power Post.



Power Post Install #28

- Filter Switch installation use to alarm if the filter is plugged.



Power Post Install #29

- Alderon's filter switch mounts through the hole on this model of filter. Some models use a side mount for the filter switch.



Power Post Install #30

- View of filter switch in filter.



Power Post Install #31

- After the power provided from the home is wired to the Power Post, the dirt is filled back in and the system is ready to go.

