

## **Rainwater Harvesting**

### **Permits requirements**

MUST HAVE ALL OF THE FOLLOWING IN ORDER TO ACCEPT APPLICATION:

#### **For irrigation use only in one and two-family Dwellings**

- Building application for Building footing, application for Gutter system (Minimum slope of 1/16" per foot), Plumbing application and Electric application for the pump system.
- (Must include Lot, Block and subdivision, and job Value).
- All applications must be submitted at the same time under one permit.
- Include a survey and roof plan showing:-
  - The footprint of property and indicate the location, size and flow direction of water in gutters to be installed.
  - Location and size of the cisterns (maximum size 250 Gallons).
- Provide detail for the first flush diverter (to divert the first 1 gallon for each 100 square feet of collection surface). The first flush diverter shall be equipped with an automatic self-draining device (piped away from the cistern) and a clean-out fitting.
- Provide cross section showing location of all items: gutter, flush diverter, cistern, screen or cover, dispense pipe (must be minimum 4 inches from bottom of Cistern).
- Above ground cistern provide calculations to comply with the HVHZ wind requirement and stable level surface capable to accommodate the size and weight of the full tank.
- Underground cistern shall be reinforced and able to withstand the weight of surrounding fill and the full capacity of water and be tied-down or anchored to prevent lifting/buoyancy caused by groundwater.
- Connections to sanitary sewer system are prohibited.