



1% OF LENGTH +
PIPE WIDTH

- | | | |
|---|--|--|
| ① Rainwater collection point (roof drains, gutters, etc.) | ⑤ Underground Cistern | ⑬ Domestic water supply |
| ② Intewa prefilter, size based on roof s.f. and maximum 1 year, 5 minute rainfall intensity. 97% efficiency, self-cleaning | ⑥ Stainless steel flex connector | ⑭ Backflow prevention device |
| ③ Remaining water from prefilter to overflow | ⑦ Pedrollo submersible feed pump | ⑮ Pressure gauge |
| ④ Smoothing Inlet - "flow-calming" device to eliminate turbulence of the incoming water as it enters the tank. Intewa or fabricate. | ⑧ Bracket & shroud for 3" submergence | ⑯ Bonomi standby valve |
| | ⑨ Vent/overflow to BMP or storm drain | ⑰ Fiberglass pressure tank |
| | ⑩ Level indicator and IQPump control panel | ⑱ Water meter to measure rainwater usage |
| | ⑪ Separate conduit for power and 4-20 mA signals | ⑲ Submersible level sensor |
| | ⑫ Manhole | |

Call 404-991-0404 for pricing

RAINWATER HARVESTING SYSTEM DETAIL

NOT TO SCALE

BELOW-GROUND TANK WITH SUBMERSIBLE PUMP, PRESSURE TANK, NO FILTRATION, STANDBY WATER SUPPLY