



- ① Rainwater collection point (roof drains, gutters, etc).
- ② Intewa Purain hydraulic jump prefilter (Possible 97% collected.)
- ③ QCS Cistern
- ④ Smoothing Inlet – flow-calming device to eliminate turbulence from incoming water
- ⑤ Cistern overflow/filter reject – pipe to storm drain or BMP

- ⑥
- ⑦ Cistern level sensor 4-20 mA output
- ⑧ Pedrollo UP submersible pump, horizontally mounted, requiring max 5" submergence
- ⑨ Check valve
- ⑩ Judo Self-Cleaning Sediment Filter
- ⑪ ATS UV Sterilizer
- ⑫

- ⑬
- ⑭
- ⑮ Nonslam check valve
- ⑯
- ⑰
- ⑱ Control panel fills buffer tank daily, and as required, maintains building pressure.

- ⑲ City Water Supply at Design Pressure + 10 psig minimum
- ⑳ Approved backflow prevention device
- ㉑ Gauge
- ㉒ Actuated valve controlled by daytank level
- ㉓ Sediment filter backwash to storm drain

For pricing contact 404-991-0404

**RAINWATER HARVESTING SYSTEM DETAIL**

**ABOVE GROUND TANK, END SUCTION TRANSFER PUMP, UV TREATMENT, DAY TANK, END SUCTION BUILDING PUMP WITH HYDRO-ACCUMULATOR, PRV STANDBY CONNECTION**

**NOT TO SCALE**