



- 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 Pedrollo UP pump with 3" min submergence
- ⑦ Cistern level sensor 4-20 mA output
- ⑧ Braided stainless steel flex hose to allow removal for service
- ⑨ Check valve
- ⑩ Judo Self-Cleaning Sediment Filter
- ⑪ UV Sterilizer with no flow/high temp shutdown
- ⑫ Rotoplas Day tank – size for daily demand
- ⑬ Daytank level sensor – 4-20 mA
- ⑭ Building pump with VFD
- ⑮ Nonslam check valve
- ⑯ Fiber-wound pressure tank with full acceptance, replaceable bladder
- ⑰ Day tank overflow (pipe to storm drain)
- 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, BUFFER TANK FILL STANDBY CONNECTION

NOT TO SCALE