



- 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 Floating stainless steel suction filter
- ⑦ Cistern level sensor 4-20 mA output
- ⑧ Transfer pump controlled by day tank level + daily transfer @ 4 a.m.
- ⑨ Check valve
- ⑩ Judo Self-Cleaning Sediment Filter
- ⑪ ATS UV Sterilizer
- ⑫ Rotoplas Day tank – size for daily demand

- ⑬ Daytank level sensor – 4-20 mA
- ⑭ Building pump
- ⑮ Nonslam check valve
- ⑯ Hydro-accumulator tank
- 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, PRV STANDBY CONNECTION

NOT TO SCALE