

Hey Debra -

It was nice to meet you and thanks for your patience as I prepared these estimates for Woodcreek. I designed 3 systems for your review:

1) A potable rainwater system for City Hall

2) An irrigation system for City Hall

3) An irrigation system for the Gazebo

For option 1, I designed the system with 6" seamless aluminum gutters and screens to be installed on the building with (3) 4" round aluminum downspouts to be installed on the northwest, northeast, and east facing side of the back patio and 2 painted pvc downspouts to be installed on the south side of the building for collection from approx. 950sf of roof area which will yield approx. 570 gallons/1" of rainfall or approx. 20,000 gallons/year (35" average annual rainfall).

I included an Aqualine 1202S (6,139 gallon) corrugated steel tank with a 30° pitched roof and assumed the tank would be installed on a concrete pad (poured by others) on the back right/southeast corner of the building. See page 2 for alternate tank options including additional Aqualine tanks with a 30° pitched roof, Pioneer zincalume tanks with a low profile dome roof and galvanized Texas Metal Tanks from 3,500-10k gallons.

I included a stainless steel submersible pump with a 2HP motor and variable speed controller. I assumed the controller, pressure tank, filtration system and 22 GPM UV light would be installed inside the building. Note, the controller will require a dedicated 230v/30amp breaker and the UV light will require a standard 115v/20amp outlet (this can be on a shared circuit).

For option 2, I designed the system with 6" seamless aluminum gutters and screens to be installed on the shed and 2 painted pvc downspouts to be installed on the south side of the shed and collection from approx. 300sf of roof area which will yield approx. 180 gallons/1" of rainfall or approx. 6,000 gallons/year (35" average annual rainfall).

I included a Bushman 1,500 gallon poly tank to be installed approx. 15' southeast of the shed. See page 2 for alternate tank options including additional Bushman poly tanks and galvanized Texas Metal Tanks (from 1,000-2,000 gallons).

I included an all in one on demand 3/4HP pump to be installed inside the shed. Note the pump will require a dedicated 115v/20amp outlet. We will install a hose bib on the east facing exterior wall of the shed and a stub-out for irrigation connections (by others).

For option 3, I designed the system with 6" seamless aluminum gutters and screens to be installed on the gazebo. With (1) painted pvc downspout for collection from approx. 200sf of roof area which will yield approx. 120 gallons/1" of rainfall or approx. 4,000 gallons/year (35" average annual rainfall).

I included a galvanized 1,000 gallon Texas Metal Tank to be installed approx. 15' northeast of the gazebo. See page 2 for alternate galvanized Texas Metal Tanks (from 830-1,200 gallons). I included an all in one on demand 3/4HP pump to be installed in a poly enclosure next to the power outlet on the east side of the gazebo. Note, the pump will require a dedicated 115v/20amp outlet. We will install a riser hose bib at the pump location and a stub out for irrigation connections (by others).

Please see attached estimates and feel free to reach out with any questions or if you'd like to see any revisions etc. My cell is 512-466-8480.

Thanks and I hope you and your family have a wonderful 4th of July weekend!

- Adam



ADAM BROWN

System Designer

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