

## **TD AMERITRADE HEADQUARTERS Rainwater Harvesting Project**

Rainwater Management Solutions has completed Start-up on the rainwater harvesting system at the new TD Ameritrade Headquarters Building in Omaha Nebraska. The system consists of a 30,000 gallon rainwater storage tank and the RMS Day Tank System which provides rainwater to the water closets and urinals for the entire facility. The duplex booster pumps driven by Variable Frequency Drives will provide sufficient flow to all 12 stories of the building.

Two WISY Vortex Filters are installed prior to the storage tank to remove particulate larger than 380 microns from almost 60,000 square feet of roof area. Since the RMS Four Step Rainwater Process is being used, the rainwater storage tank will never need to be cleaned and the Vortex Filter only requires a semi annual inspection and once a year the stainless steel filter will need to be placed in a dish washer or cleaned with a soft brush.

Once the start up was successfully completed, our representative Diversified Sales Inc invited engineers from local engineering firms to view the RMS Rainwater Harvesting System. Numerous firms accepted and were provided literature on the TD Ameritrade System and the RMS Four Step Process. They were shown each component in the system and given a detailed explanation for each component in the system to and its importance to reduce maintenance for the rainwater system. Our tank sizing software was introduced and valuable information was provided to reduce the overall cost of rainwater systems while still providing a low maintenance high quality sustainable rainwater harvesting system that will last the life of the facility.

To find out more information on Tank Sizing, the Four Step Process and Day Tank System, simply click on the links provided or call our professional staff at Rainwater Management Solutions 540 375-6750.