Greenroof: We actually decreased the building footprint by adding a greenroof to the lower tower. It reduces storm water runoff and creates a pleasant view for residents while incorporating native prairie grasses.

Materials & Building Systems

Greenroof Section

Double Skin System: This system allows for increased performance of the envelope. Use of high performance glass along with increasing the air space in between the two skins increases the R-value of the glazed assembly.

Negative Aspects

- Needs for more room in building for storage tanks
- Higher initial costs for pumps, piping, filters

Saves owner money after install

Savings of 30-50% of total water bill if used for irrigation - could be more if used inside building

Positive Aspects

Residential Rainwater Collection

Heat Recovery System

Primary Efficiency of 65.0% (56.0% Actual) based on AHRI Std. 981 major

The referred air heater up the indoor air by 9°F in heating season and recalls by 15°F in cooling season.

HALO RECESSED LED DOWNLIGHTING