



*Southwest Wine Center, LEED Platinum
Yavapai College - Verde Campus, Cottonwood, AZ*

STRATEGY

The original scheme was to go Net-Zero water having the Rain system provide 100% of the facilities water demand. Local health code inspection cost made this prohibitive. The revised system meets all the landscape water needs. An impressive sculptural funnel elegantly captures water from the roof scuppers. The overflows are plumbed back into landscape for passive irrigation. Multiple landscape basins graded to maximize run-off capture assisting with stormwater mitigation.

SPECIFICATIONS

- AVG. ANNUAL PRECIPITATION: 11"
- CAPTURE SURFACE: Total EPDM roof, pre-cast paver
- AREA: 8,600 sf
- PRE-FILTRATION: 2 - WISY 150 vortex filters
- STORAGE: 2 - 5000 gal. Galvanized Steel tanks
- PUMP: 1.0 hp. Submersible
- Landscape basins/soils



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ENVIRONMENTAL DESIGN

Designer: TBKA, Barnabas Kane

Architect: Boxwood

Fabricator: Royce Carlson

Installer: Skywater