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

Designer: TBKA, Barnabas Kane
Architect: Boxwood
Fabricator: Royce Carlson
Installer: Skywater