



heartbeat of our community



Huachuca City Community Garden and Huachuca City Library Grounds

FEATURED: A terraced series of rock-lined basins capturing rain from rooftops and stormwater from the parking lot of Huachuca City's town hall complex. In and around the basins shrubs, grasses and trees created pollinator habitat. In addition, at this vibrant community garden a food production garden area includes 11 raised beds and a teaching garden with pathways, native plants, signage and benches.

System Statistics:

Passive Rain Harvesting

Container: 14 basins with the capacity to hold 35,000 gallons of water.

Harvested water use: Pollinator habitat: grasses, shrubs and trees

Irrigation Delivery System: Natural infiltration into basins

Annual rainfall: 15"

Collection Area: 2.5 acres surrounding Huachuca City gov complex

Annual potential collection: 200,000 to 500,000 gallons/year

Active Rain Harvesting

Harvested water use: Shade trees in library grounds

Container: 2,600-gallon polyethylene tank

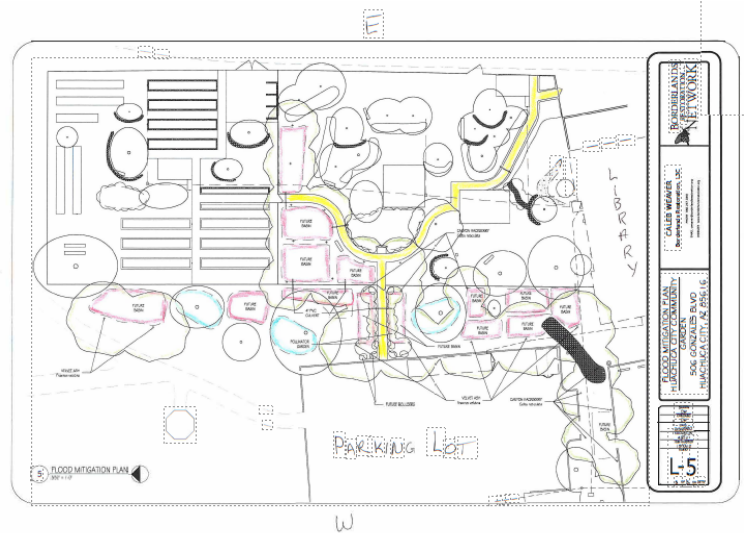
Annual potential collection: 6,972 gallons/year

Roof Conveyance System: A dry-system off of a 746 sq. ft. portion of the Huachuca City Library roof via two scuppers

Number of inches of rain to fill tank: 5.5 inches

First flush wash: No

Overflow: To the landscape.



This project was designed for Huachuca City Community Garden and Huachuca City by Caleb Weaver of Borderlands Restoration Network. Mr. Weaver supervised the construction by volunteers from C Company, 2-13th Aviation Regiment, Ft. Huachuca. [Learn more.](#) Funding for this project came from grants from the Legacy Foundation of Southeast Arizona and the Upper San Pedro Partnership mini-grant program.