



*Highland Center of Natural History, LEED Gold  
Prescott National Forest, Walker, AZ*

**STRATEGY**

We influenced the architects of the building to consider a “butterfly” profile which provided a south exposure for the PV panels, it also allows all the roof water to drain at a single point without the use of guttering forcing the water to an up gradient direction using gravity to passively irrigate the landscape. And recharge the creek. This also presented an opportunity for a capturing funnel which reduced the erosive energy of the falling water and celebrates every storm with honor & artistic expression.

**SPECIFICATIONS**

ROOF: 4500 sf, Factory finish metal  
HARDSCAPE: 1000 sf, Concrete & DG  
STORAGES: Landscape soil and plants;  
No tanks



† barnabas kane & associates  
**ENVIRONMENTAL DESIGN**

**Designer:** TBKA, Barnabas Kane

**Architect:** Catalyst

**Fabricator:** Royce Carlson

**Contractor:** Landcraft