WMG Phoenix Green Infrastructure/LID Projects
Mission
Watershed Management Group (WMG) develops community-based solutions to ensure the long-term prosperity of people and health of the environment. We provide people with the knowledge, skills, and resources for sustainable livelihoods.

Our Vision
Watershed Management Group (WMG) envisions a world in which:
• everyone has the natural resources they need while ensuring adequate resources for future generations through wise and creative management;
• communities cooperatively and sustainably manage the natural resources within their watershed;
• communities develop in concert with their environment, and the success of development is measured by the health of ecological systems, the prosperity of people, and the strength of communities.
Primera Iglesia Metodista Unida
Primera Iglesia Metodista Unida
Primera Iglesia Metodista Unida
Primera Iglesia Metodista Unida
Curb Cuts
Curb Cores
Sediment Traps
Primera Iglesia Metodista Unida

Before (2011)  

After (2014)
Primera Iglesia Metodista Unida

Maintenance
Glendale Public Library Rain Garden

Xeriscape Garden
Under Renovation
Funded by National Fish & Wildlife Foundation (NFWF) grant to develop a rainwater harvesting & native plant demonstration.

Questions? Call 623.930.3596
NOTE:
REMOVE EXISTING 6" DECOMPOSED GRANITE.
REPLACE WITH 10" BEED MAUSSON GRAY.

WATER HARVESTING BASINS
TYPICAL 3:1 SLOPE, ~6' DEEP

WATER HARVESTING BASINS
TYPICAL 3:1 SLOPE, ~6' DEEP

SPILLWAY BETWEEN BASINS
OVER EXISTING ELECTRIC LINE

PILLAR

PILLAR

PILLAR

PILLAR

COURTYARD

MAIN ENTRANCE WALKWAY

LANDUNBIDDED LANDSCAPE AREA

PATHWAY

OVERFLOW

PILLAR

WATER HARVESTING BASINS
TYPICAL 3:1 SLOPE, ~6' DEEP

REMOVE EXISTING PLANTERS
FLAGSTONE AND BENCHES

SCALE 1" = 10'
Glendale Public Library Rain Garden
Phoenix Zoo Rain Garden
Phoenix Zoo Rain Garden
Bushman 1320 Gallon Round Rain Tank
On Concrete Pad Under Pergola

3" DWV-PVC Pipe Connects to Rain Head,
Runs Overhead Attached to Pergola,
First Flush and Down Spout Assembly Runs
Along Post Connecting to Under Ground Pipe

- Elev. +4.5"
- Inflow and Overflow Connection
  to Rain Tank
- Overflow with 3" Pop-up Emitter
- 3" DWV-PVC Pipe Under Ground
  to Rain Tank
- Construct Berms on Contour with
  Fill Dirt Approx. 4' Wide by 1' High
- Basin Depth Approx. 8"
- Overflows Rocked
  with 3'-6" Rip-Rap
- 2"-4" Wood Chip Mulch

- Catchment Area Approx. 1500 Sq. Ft.
  Approx. 840 Gallons/1" Rain
- Catchment Area Approx. 400 Sq. Ft.
  Approx. 220 Gallons/1" Rain

Phoenix Zoo | Rain Tank & Earthworks Feature Plan
455 N Galvin Pkwy, Phoenix, AZ 85008  scale: 1:192 01
Phoenix Zoo Rain Garden
Phoenix Zoo Rain Garden
Phoenix Zoo Rain Garden
What’s Next?
Thank You!!!