

Low Impact Development Case Studies

These LID Case Studies represent the future of sustainable development in Pima County. Each site addresses the need to conserve our community's natural resources with a unique design solution that mimics natural hydrology, distributes and utilizes stormwater, and increases habitat and shade.

SITE CATEGORIES

Case Studies include the following categories and can be new development or retrofit to an existing site:

- Commercial- Office-Retail / Small, Medium or Large
- Industrial/ Distribution, Manufacturing
- Institutional/ Education K-12, Non-Profit, Medical, Municipal or Utility
- Recreational/ Linear Park, Neighborhood Park, Regional Park, Retention Basin
- Residential/ Single Family, Multi-dwelling, Subdivision, Master Planned
- Transportation/ Local, Collector or Major Route, Terminal

ADD TO THE INVENTORY

The Case Studies are available to help groups, professionals or individuals learn more about the value of LID/ GI development, what worked, lessons learned, etc. Inclusion of relevant company logos in the top title block is strongly encouraged. We must rely on the Tucson professional community to provide data on as many relevant projects as possible. If you have a project that can contribute to the education of Tucson designers and homeowners, please contact us:

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LID PRINCIPLES

The map will direct you to the Low Impact Development Case Studies in Pima County.

Some of the LID principals you will see include:



Berms and vegetated or rock swales direct stormwater runoff to plants



Curb openings to allow street or parking lot runoff to access landscaped areas



Roof runoff is directed to landscape



Native or low-water use vegetation is planted



Impervious surfaces have been disconnected to slow runoff



Pervious pavement allows stormwater infiltration



Infiltration trenches intercept larger stormwater volumes



Rainwater is stored in a cistern for future use



Condensate is used for landscape



Pathways are raised allowing runoff into the landscape

View the full Inventory with detailed maps, designs, photos, cost and project summaries <http://tinyurl.com/pvucvwd>

Self Guided Tour Map

www.PAGstorm.com



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