Low Impact Development / Green Infrastructure Design
D/P/S and Low Impact Development

Dekker/Perich/Sabatini (D/P/S) is an award-winning, multidisciplinary design firm that has served public and private clients for 60 years. We support our clients with evidence-based design solutions that create resilient, functional and beautiful places. Our professional experts in sustainable design are based in Albuquerque and Las Cruces, NM, Phoenix, AZ, and Amarillo, TX.

Over our 60-year history, we have consistently demonstrated the capacity and capability to provide excellent service by utilizing the latest best practices. This includes addressing the growing unpredictability of storm events with our expertise in low impact development (LID) and green infrastructure (GI). D/P/S is well versed in using design-integrative, multifunctional strategies that make communities safer and more resilient, while improving water quality and quality of life. Our team of experts understands the challenges of stormwater management in the arid Southwest, knows the local and regional requirements, and works with our clients and communities to identify the right solutions for their projects. D/P/S has three SITES accredited professionals on staff who actively stay up to speed on best practices, new technologies and research to ensure successful development and execution of LID and GI solutions.

Creative integration of stormwater management is just one aspect of great design. Our designers have a thorough understanding of the interrelatedness of structures, environmental processes, land and people in each unique locale. Please contact us at 505.761.9700, so that we can help you seamlessly integrate custom, multi-functional LID and GI solutions into your next project.

On the cover

The LEED Gold Wetlands Park Education and Visitor Center at the Clark County Nature Preserve educates visitors and allows them to experience wetland environments and habitats. Wetlands Park is a multifunctional green infrastructure amenity that slows stormwater, catches debris, reduces undercutting of the Las Vegas Wash, and improves water quality.
For decades, D/P/S has been working with clients throughout the Southwest to think about onsite stormwater as a resource rather than a nuisance. D/P/S site designers collaborate with project engineers to customize sequences of stormwater detention, retention, and reuse that improve stormwater quality, provide supplemental water to planting, and reduce demands on surrounding drainage/flood control infrastructure. Below is a list of D/P/S projects that include stormwater quality features above and beyond the typical landscaped water detention, retention, and harvesting areas that we routinely use on our projects.

### Water Quality

**CISTERNs (for water reuse)**
- Advent Solar, Albuquerque, NM
- Artisan at Sawmill, Albuquerque, NM
- Casitas de Colores, Albuquerque, NM
- Downtown @ 700, Albuquerque, NM
- Ft. Yuma Healthcare Center, Yuma, AZ
- Imperial Building, Albuquerque, NM
- Isleta Elementary School, Pueblo of Isleta, NM
- Kayenta Healthcare Center, Kayenta, AZ
- New Mexico Game & Fish Office Building, Albuquerque, NM
- NMHU Viles and Crimmin Residence Hall, Las Vegas, NM
- Railyard Flats, Santa Fe, NM
- Tesuque Casino, Pueblo of Tesuque, NM
- Thornburg Campus, Santa Fe, NM
- Truth or Consequences Elementary School, T or C, NM

**ROOF GARDENS**
- Imperial Building, Albuquerque, NM
- Berndt Hall, Fort Lewis College, Durango, CO
- Santa Fe Medical Center, Santa Fe, NM
- Thornburg Campus, Santa Fe, NM

**RECREATION / FLOOD CONTROL**
- Arbolera de Vida Park, Albuquerque, NM
- Highland Soccer Field, Albuquerque, NM
- Loma Encantadas Park, Rio Rancho, NM
- Montoya Storm Water Detention Facility, Rio Rancho, NM
- Rio Rancho Sports Complex, Rio Rancho, NM
- Sawmill Park, Albuquerque, NM
- SNL Tijeras Arroyo Erosion Control Project, Albuquerque, NM

**URBAN AGRICULTURE**
- (using collected stormwater for irrigation)
  - Downtown @ 700, Albuquerque, NM
  - Imperial Building, Albuquerque, NM

**PERMEABLE PAVING**
- Albuquerque Rapid Transit (ART), Albuquerque, NM
- Fidelity Investments, Albuquerque, NM
- Thornburg Campus, Santa Fe, NM

**SPECIALIZED USE OF STORMWATER FOR LANDSCAPE**
- Alameda Drain Trail, Bernalillo County, NM
- Sandia Preparatory School, Albuquerque, NM
- East Slope/Skyview Trail, Rio Rancho, NM
- Madrid Mining Landscape, Madrid, NM

**WETLANDS**
- Bosque Improvements, Albuquerque, NM
- Clark County Wetlands Nature Center, Clark County, NV

**RIGHT-OF-WAY BIOFILTRATION**
- Alameda Drain Trail, Bernalillo County, NM
- Christopher Drive, Belen, NM
- SNL Hardin Avenue, Albuquerque, NM
- LANL Diamond Drive, Los Alamos, NM
- Albuquerque Rapid Transit (ART), Albuquerque, NM
Mimi has a passion for creating memorable places for people that connect them to local history, culture, the natural environment and their neighbors. Over the past 29 years, Mimi has advocated for sustainable planning and design solutions that provide resilience and wellness benefits for clients and communities. With her expertise in sustainable sites and low impact development, her extensive portfolio of completed plans and built projects, and her knowledge of the wide variety of natural and urban environments found in the West, Mimi has developed a thorough understanding of the technical, aesthetic, economic, social, environmental and procedural issues that accompany implementation of planning and design projects in the region.

MIMI BURNS, ASLA, LEED AP, WELL AP, SITES AP

Ken’s 18 years of experience includes a variety of resource-responsible commercial, institutional, and residential designs that differentiate themselves in their sensitivity to place and culture. He is responsible for design and production of necessary documents for landscape architectural construction and for leading client and public meetings to promote, initiate, program, and coordinate landscape construction. Additionally, he develops project manuals, opinions of probable cost, master plan documents and conducts field review of all aspects of construction including flatwork, irrigation, plant material, etc.

KEN ROMIG, ASLA, SITES AP

With over five years of experience in the United States and two years in Europe, Jitka is trained both as a landscape architect and an environmental planner. She is well equipped to balance both aesthetics and ecology in landscape design. After working on ecological revitalization projects in Europe, Jitka then supplemented her environmental knowledge with landscape architecture and urban design. While emphasizing adaptive reuse, urban food production, and the use of grey water systems in landscapes, Jitka also takes into account the ephemeral phenomenological aspects of the urban environment: the need for visually pleasing elements, the importance for detail, the joy of unexpected discovery in everyday urbanism, the advantage of flexibility in planned spaces, and a mix of people to bring vibrancy into urban spaces.

JITKA DEKOJOVA, ASLA, SITES AP

The Imperial Building is the first affordable mixed-use development in downtown Albuquerque to include a community garden on its rooftop. The lush urban garden is a cultural asset in the downtown former food desert – creating a multi-generational activity zone where residents learn how to grow their own food and reconnect with the valley’s agricultural heritage. The garden and landscape are irrigated with rainwater. 100% of roof runoff is captured in a 35,000-gallon cistern located in the basement. The Imperial Building has achieved Enterprise Green Communities certification, and won the 2016 NMASLA honor award for design.

IMPERIAL BUILDING, ALBUQUERQUE, NM

Sawmill Park is a surge pond that also serves as a neighborhood park. During intense storm events, when a nearby primary detention pond reaches capacity, stormwater backs up into Sawmill Park and then retreats back into the nearby pond as space becomes available. The park, which is slightly less than one acre, is designed to accommodate stormwater with a minimum of cleanup. Program elements include a picnic area, playground, half-court basketball court, multi-purpose field, dog park and walking paths.

SAWMILL PARK, ALBUQUERQUE, NM

The Thornburg Campus includes several different green infrastructure features that contributed to the project’s LEED Gold certification. A porous paving system addresses reductions in the urban heat island effect and allows stormwater to replenish the aquifer. Passive water harvesting and a 50,000-gallon underground cistern minimize use of potable water for irrigation.

THORNBURG CAMPUS, SANTA FE, NM

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