



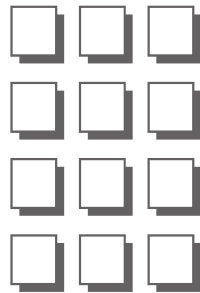
THE Sustainable
SITES
Initiative®

SITES in 10

SITES Partners



American Society of
Landscape Architects

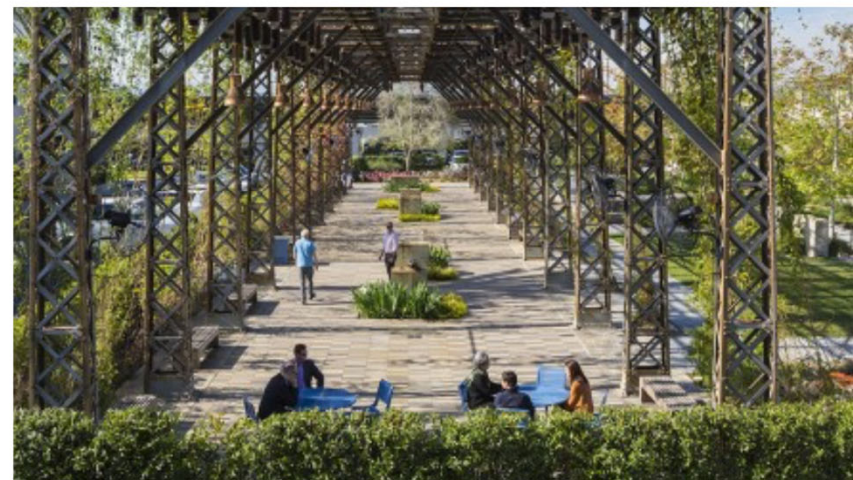
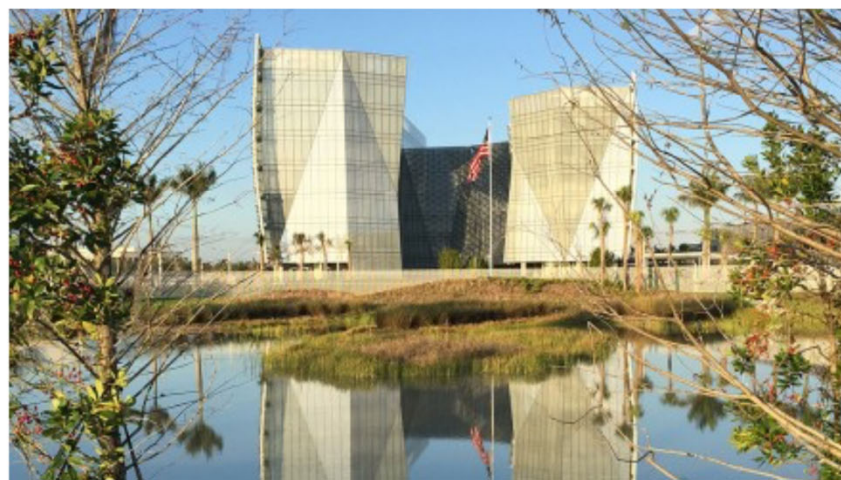
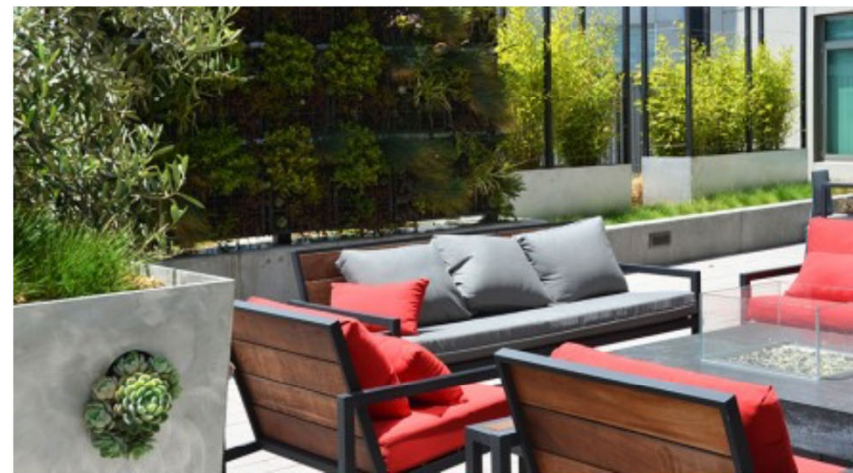


GREEN BUSINESS™
CERTIFICATION INC.



SITES Drives Transformation: Before & After





SITES Provides the Best Tool for ROI

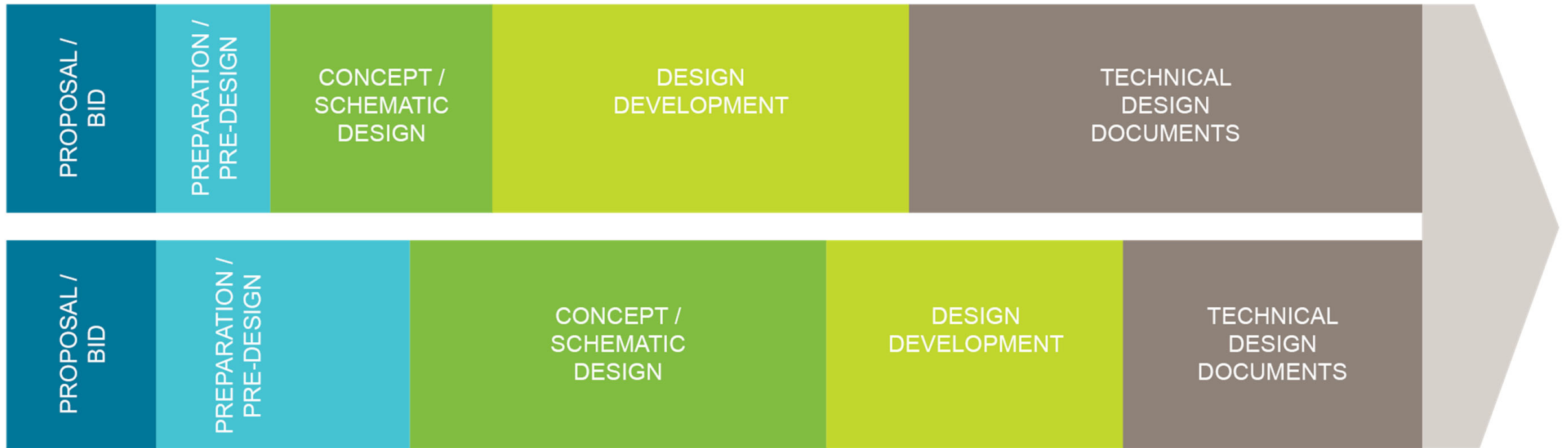


SITES Framework



Integrative Design Process

STANDARD DESIGN PROCESS



INTEGRATIVE DESIGN PROCESS

Collaborative, Solution-Oriented Thinking



“SITES makes you think through the site before you begin design. It forces you to use a quantifiable framework that creates learning opportunities ... for learning. Challenges create growth and ultimately value... I believe that SITES will drive the industry to become more sustainable and transparent.”

– **Bryan Astheimer**, SITES AP
Revision Architecture



- Canal Park (left) , Washington, DC
 - 886,000 gallons of water and \$4,600 savings through stormwater reuse
 - 12.6% and \$26,000 in utility costs savings through geothermal and lighting
- Phipps' Center for Sustainability, Pittsburgh, PA
 - 20% maintenance savings through use of native plants

Construction & Maintenance





Upfront Cost & Long Term Benefits

Hewlett Packard Campus,
Boise, ID

- 50% cost reduction from landscape design
- 90% reduction in emissions for operations & maintenance
- Overall reduction of operations & maintenance costs
- 1.9-year return on investment from reduced replacement & rehabilitation costs



Property & Market Value

- Developer can market the investment in sustainable design, health, and wellbeing
- Increased property values (Green Cities: Good Health)
 - 7% higher rental rates for offices having high-quality landscapes
 - 9-12% higher spending in retail environments with high-quality tree canopy
- Reduced flood risks leads to long term savings



Blue Hole Regional Park estimates annual savings of \$25,500 from reduced potable water use.

Site Design Considerations

- Maintenance Repairs
- Restoration & Replacement
- Climate Change
- Risk Management & Safety



Resilience & Cost



Health & Wellness

- Better Air Quality
- Improved Human Health & Well-Being
- Increased Productivity
- Lower Health Care Costs & Shortened Recovery Times
- Restorative: reduces mental fatigue, alleviates stress, improves cognition



"We are at 90% design drawings for a new Atlanta BeltLine project, Enota Park, and we are already seeing the results of SITES. Some team members -- not normally engaged from the beginning - - have opportunity for input from the start. This results in a much more integrated design.

And using the SITES process, we expect to see a reduction in Change Orders which will result in cost savings."

- **Kevin Burke**, FASLA,
Director of Design, Atlanta
Beltline

Design Forethought

”Our incorporation of the SITES certification program provides an added focus on the quality of our site development, clear performance standards, and third-party verification; all of which help GSA meet its sustainability goals and ensure accountability in the actual performance of delivered projects.”

– **Christian Gabriel**, ASLA, PLA, National Design Director-Landscape Architecture, U.S. General Services Administration

Accountability & Best Practices





- Demonstrate compliance through documentation
- Validate beautiful, functional, resilient places
- Follow a site-specific, flexible system to meet sustainability goals
- Employ best practices in landscape architecture, ecological restoration, & related fields



Validated Standards



Professionalism & Leadership

“SITES was an important tool that kept our entire team accountable to a high standard of best practice and resulted in an unprecedented project – the transformation of Chicago’s Navy Pier into an authentic and green destination reflective of the city’s identity.”

– **James Corner**, FASLA, Founder & CEO of James Corner Field Operations



SITES IN 10

www.sustainablesites.org

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