

GREEN INFRASTRUCTURE SOLUTIONS

Communities and developers are facing increasing challenges from flooding, aging stormwater systems, urban heat islands, and heightened standards to safeguard water quality. Traditional gray infrastructure alone often falls short. Green infrastructure provides a practical, cost-effective way to manage stormwater while creating healthier, more resilient places.

Green infrastructure uses natural systems to manage stormwater more efficiently and sustainably. Bolton & Menk helps clients plan, design, and implement green infrastructure solutions that improve water quality, reduce risk, and enhance community spaces.

Benefits

- Reduced flooding and strain on existing stormwater systems
- Improved water quality and regulatory compliance
- Mitigation of urban heat island effects
- Enhanced public spaces and community livability
- Increased resilience to extreme weather and climate impacts
- Long-term cost savings through adaptable, integrated systems

These initiatives support both environmental goals and community priorities while adding value to public and private developments.

Solutions

Solutions can be implemented individually or combined to maximize performance and community benefit. Bolton & Menk delivers integrated green infrastructure solutions tailored to each site, including:

- Green and complete streets
- Park, campus, and streetscape planning and design
- Rain and snow gardens
- Bioswales and tree trenches
- Pollinator gardens and native plantings
- Heat island mitigation strategies
- Stormwater BMPs and MS4 compliance support
- Stormwater reuse systems
- Constructed wetlands
- Urban forest inventory assessment and planning
- Permeable pavement
- Impervious surface reduction and turf conversion

Why Bolton & Menk

Our team helps communities and developers turn green infrastructure into a long-term asset that supports resilience, sustainability, and quality of life. We bring together engineering, planning, landscape architecture, and environmental expertise to deliver green infrastructure solutions that go beyond compliance.

- **Holistic approach:** Integrated solutions that manage stormwater, enhance public spaces, and support climate resilience
- **Local expertise:** Deep understanding of regional regulations, soils, ecology, hydrology, and climate conditions
- **Community-focused design:** Early engagement to build support and long-term success
- **Lifecycle support:** Planning, design, permitting, and maintenance strategies under one roof



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