



# Woodbridge Township Green Building Scorecard (Checklist)\*

Updated 2015

Sustainable Sites	Sustainable Sites (continued)
Site Selection	Site taller buildings to minimize shadows on an open space and other buildings
Development Density and Community Connectivity	Orient open space to maximize winter solar exposure
Brownfield Redevelopment	Provide tree canopy cover and reduce hardscape for areas with high summer solar exposure
Alternative Transportation - Public Transportation Access	Minimize disturbed areas by limiting, clearing, and grading to a carefully described development envelope
Alternative Transportation - Bicycle Storage and Changing Rooms	Encourage growth of native and well-adapted species and eliminate the need for fertilization and pesticides
Site Development - Protect or Restore Habitat	Reduce soil erosion
Stormwater Design - Quantity Control	Promote natural recharge and infiltration without the threat of surface contamination
Stormwater Design - Quality Control	Reduce runoff volumes and peak runoff rates
Heat Island Effect - Non-roof	Link landscape elements to form a continuous network of forage, water, and cover
Heat Island Effect - Roof	Create "finger" of habitat that reach into the urban landscape from the creek
Light Pollution Reduction	Create zones that provide a diversity of habitat and shelter through layers of plant heights and types
Use building massing to gather wind for the dispersion of air pollutants	Select native plants that provide food and shelter for song birds, small mammals, insects, etc
Use building massing to mitigate noise pollution	
Use building massing and vegetated screening to gather wind for the filtration/dispersion of air pollutants	<b>When Waterways are Adjacent</b>
Use roof-top gardens and adjacent courtyards to mitigate air pollution and noise	Stabilization and protection of slopes, water quality, and existing vegetation
Orient buildings toward the southern exposure	Access via pathways, bridges, boardwalks, and concerns for safety
Create Rain Gardens to manage stormwater	Connections to stormwater systems, habitat networks, pedestrian and recreation areas

<b>Water Efficiency</b>	<b>Energy and Atmosphere</b>
Water Efficient Landscaping - Reduce water needed for vegetation	On-Site Renewable Energy
Water Efficient Landscaping - No Potable Use or No Irrigation	Green Power
Increase the extent of on-site landscaping	Provide opportunities for vegetated screens, awnings, overhangs, and adjustable shade structures on buildings with high summer solar exposure
Graywater Systems	
Blackwater Systems	<b>Indoor Air Quality</b>
	Up-draft ventilation and air scoop, for natural ventilation
<b>Materials &amp; Resources</b>	Under floor displacement ventilation
Storage and Collection of Recyclables	Orient the majority of glazing to optimize daylighting potential and heat gain during winter season
Building Reuse, Maintain Existing Walls, Floors, Roof	Orient thermal mass (materials that absorb, store, and conduct heat) and insulation to take advantage of southern exposure while blocking north winds
Construction Waste Management - Waste Divert from Disposal	Use roof-top gardens to reduce solar gain and insulate in winter
Materials Reuse - 5%	Atrium spaces
Materials Reuse - 10%	Shade structures, awnings, overhangs
Recycled Content - (post consumer + 1/2 pre-consumer)	Internal heat recovery
Local/Regional Materials - Materials are Extracted, Processed, and Manufactured Locally/Regionally	Thermal mass and insulation
Rapidly Renewable Materials	Photovoltaic integration
Certified Wood	Separation of mechanical spaces
Crush gravel and concrete-use as sub-base	
Saw cut concrete used as dry-laid retaining walls, edging for planting beds; unit pavers	<b>Innovation &amp; Design Process</b>
Crushed glass, gravel, ceramics or aggregate for asphalt and concrete	Innovation in Design
Asphalt reuse (as sub-base or aggregate)	LEED Accredited Professional Utilization
Re-use of gravel and tar roofing materials (from demolished building) avoiding large fees to dump material	

**To be discussed during site planning review. Look to see how many of these criteria your construction and design process includes.**

\*This checklist has been compiled using LEED for New Construction & Major Renovations (Version 2.2), the City of Trenton's Sustainable Design Guidelines, and Woodbridge Township Ordinances.