Woodbridge Township Green Building Scorecard (Checklist)*

Updated 2021

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		**When Waterways are Adjacent**	
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	

Water Efficiency		**Energy and Atmosphere**	
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		**Indoor Air Quality**	
		Up-draft ventilation and air scoop, for natural ventilation	
Materials & Resources		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		Photovoltaic integration	
Rapidly Renewable Materials		Separation of mechanical spaces	
Certified Wood			
Crush gravel and concrete-use as sub-base			
Saw cut concrete used as dry-laid retaining walls, edging for planting beds; unit pavers		**Innovation & Design Process**	
Asphalt reuse (as sub-base or aggregate)		Innovation in Design	
Re-use of gravel and tar roofing materials (from demolished building) avoiding large fees to dump material		LEED Accredited Professional Utilization	

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.