

Yonkers Green Development Checklist

To Be Completed By Applicant

The number on the right is the maximum number of optional points for each measure. Please indicate how many points the project will include.

This checklist provides an overview of the technical elements of the Yonkers Green Development Standards. To comply with the standards, the project must integrate all yes/no measures applicable to that construction type. In addition, New Construction projects must achieve 35 optional points and Substantial Rehab projects must achieve 30 optional points. Moderate Rehab projects must achieve a minimum of 20% of the optional points that are applicable to the project based on the project's scope. Please refer to the Yonkers Green Development Workbook for details regarding each measure.

Project Name: _____ Block: _____ Lot: _____

Construction Type: New Construction Substantial Rehab Moderate Rehab

1: Integrative Design

YES
NO **1.1a Green Development Plan: Integrative Design Meeting(s) (All Projects)** Conduct one or more integrative design meetings and submit a Green Development Plan or equivalent documentation.

YES
NO **1.1b Green Development Plan: Checklist Documentation (All Projects)** Create design and construction documentation to include information on implementation of appropriate Green Development Standards.

___ / 5 **1.2a Universal Design (New Construction, Residential only)** Design a minimum of 15% of the dwelling units (no fewer than one) in accordance with ICC /ANSI A117.1, Type A, Fully Accessible guidelines [10 points].

___ / 5 **1.2b Universal Design (Substantial and Moderate Rehab, Residential only)** Design a minimum of 10% of the dwelling units (no fewer than one) in accordance with ICC /ANSI A117.1, Type A, Fully Accessible guidelines [3 points] and, for an additional two points, the remainder of the ground-floor units and elevator-reachable units should have accessible unit entrances [2 points].

2: Location + Neighborhood Fabric

YES
NO **2.1 Sensitive Site Protection (New Construction)** Do not locate new development, including buildings, built structures, roads, or other parking areas, on portions of sites that meet any of the following provisions: • Except for previously developed sites, land within 100 feet of wetlands, including isolated wetlands or streams • Land that is specifically identified as habitat for any species on federal or state threatened or endangered lists • Land with elevation at or below the 100-year floodplain.

___ / 5 **2.2 Proximity to Services (New Construction)** Locate the project within a 0.25-mile walk distance of at least two OR a 0.5-mile walk distance of at least four of the list of facilities [5 points].

___ / 10 **2.3 Preservation of and Access to Open Space (All Projects)** Establish a legally enforceable open space conservation easement for use by tenants that is binding on all future owners of the property for a percentage of the total project acreage: 10% [4 points]; 20% [6 points]; 30% [8 points]; and 40% [10 points].

___ / 5 **2.4 Access to Public Transportation (New Construction)** Locate the project within a 0.5-mile walk distance of combined transit services (bus and/or rail) constituting 76 or more transit rides per weekday and 32 or more transit rides on the weekend [5 points].

___ / 10 **2.5 Smart Site Location: Passive Solar Heating / Cooling (New Construction)** Demonstrate a building with a passive solar design, orientation, and shading that meet specified guidelines. Select one: • Single building — New Construction [10 points] • Multiple buildings — New Construction [10 points] • Moderate or Substantial Rehab [10 points].

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	___ / 10	2.6 Brownfield Site (New Construction) Locate the project on a brownfield site [10 points].
	___ / 5	2.7 Access to Fresh, Local Foods (All Projects) Pursue one of three options to provide residents, occupants and staff with access to fresh, local foods, including neighborhood farms and gardens; community-supported agriculture; proximity to farmers market [5 points].
3: Site Improvements		
	YES <input type="checkbox"/> NO <input type="checkbox"/>	3.1 Environmental Remediation (All Projects) Conduct an environmental site assessment to determine whether any hazardous materials are present on site.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	3.2 Erosion and Sedimentation Control (All Projects) Implement the New York State Department of Environmental Conservation erosion and sedimentation control standards.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	3.3 Landscaping (All Projects) Provide new plants (including trees, shrubs, and ground cover) such that at least 50% of area available for landscaping is planted with native or adaptive species, all new plants are appropriate to the site's soil and microclimate, and none of the new plants is an invasive species.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	3.4 Efficient Irrigation and Water Reuse (All Projects) If irrigation is utilized, install an efficient irrigation or water reuse system.
	___ / 16	3.5 Surface Stormwater Management (All Projects) Comply with the Stormwater Control section of the Yonkers Zoning Code and utilize one or more of the following best management practices: • Sheetflow to Riparian Buffers or Filter Strips - [2 points] • Vegetated Swale - [2 points] • Tree Planting / Tree Pit - [2 points] • Rain Gardens - [2 points] • Green Roofs - [2 points] • Stormwater Planters - [2 points] • Rain Barrels and Cisterns - [2 points] • Porous Pavement - [2 points].
4: Water Conservation		
	YES <input type="checkbox"/> NO <input type="checkbox"/>	4.1 Water-Conserving Fixtures (All Projects) Install or retrofit water-conserving fixtures with the following specifications: Toilets - 1.28 gpf; Urinals - 0.5 gpf; Showerheads - 2.0 gpm; Kitchen faucets - 2.0 gpm; Bathroom faucets - 1.5 gpm.
	___ / 10	4.2 Advanced Water-Conserving Appliances and Fixtures (All Projects) Install or retrofit water-conserving fixtures with the following specifications: Toilets - 1.2 gpf; Showerheads - 1.5 gpm; Kitchen faucets - 1.5 gpm; Bathroom faucets - 0.5 gpm. Select any, or all, of the options: • Toilets [4 points] • Showerheads [3 points] • Faucets - kitchen and bathroom [3 points].
	___ / 5	4.3 Water Reuse (All Projects) Harvest, treat, and reuse rainwater and/or greywater to meet a portion of the project's water needs. • 10% reuse [2 point] • 30% reuse [3 points] • 20% reuse [4 points] • 40% reuse [5 points].
5: Energy Efficiency		
	YES <input type="checkbox"/> NO <input type="checkbox"/>	5.1a Building Performance Standard: Multifamily Three Stories or Fewer (New Construction only) Certify the project under ENERGY STAR New Homes.

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	YES <input type="checkbox"/> NO <input type="checkbox"/>	5.1b Building Performance Standard: Multifamily Four Stories or More (New Construction) Demonstrate compliance with the New York State Energy Research and Development Authority's (NYSERDA) Multifamily Performance Program (MPP).
	YES <input type="checkbox"/> NO <input type="checkbox"/>	5.1c Building Performance Standard: Multifamily Three Stories or Fewer (Substantial and Moderate Rehab) Demonstrate that the final energy performance of the building is equivalent to a Home Energy Rating System (HERS) Index of 85.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	5.1d Building Performance Standard: Multifamily Four Stories or More (<i>Substantial and Moderate Rehab</i>) Demonstrate that the final energy performance of the building is equivalent to 15 percent above ASHRAE 90.1-2007.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	5.1e Building Performance Standard: Non-Residential (<i>New Construction and Substantial Rehab</i>) Demonstrate that the final energy performance of the building is equivalent to 15 percent above ASHRAE 90.1-2007.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	5.1f Building Performance Standard: Non-Residential (<i>Moderate Rehab</i>) Demonstrate that the final energy performance of the building is equivalent to 15 percent above ASHRAE 90.1-2007.
	___ / 15	5.2 Additional Reductions in Energy Use (<i>All Projects</i>) Demonstrate that the final energy performance of the building is improved by percentage increments above ASHRAE 90.1-2007. • 20 percent [5 points] • 30 percent [10 points] • 40 percent [15 points].
	YES <input type="checkbox"/> NO <input type="checkbox"/>	5.3 Sizing of Heating and Cooling Equipment (<i>All Projects</i>) Size heating and cooling equipment in accordance with the Air Conditioning Contractors of America (ACCA) Manuals, Parts J and S, or ASHRAE handbooks.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	5.4 Energy Star Appliances (<i>All Projects</i>) If providing appliances, install ENERGY STAR-labeled clothes washers, dishwashers, and refrigerators.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	5.5a Efficient Lighting: Interior Units (<i>All Projects</i>) Follow the guidance appropriate for the project type: install the ENERGY STAR Advanced Lighting Package (ALP); OR follow the ENERGY STAR MFHR program guidelines, which require that 80% of installed lighting fixtures within units must be ENERGY STAR-qualified or have ENERGY STAR-qualified lamps installed; OR if replacing, new fixtures and ceiling fans must meet or exceed ENERGY STAR efficiency levels.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	5.5b Efficient Lighting: Common Areas and Emergency Lighting (<i>All Projects</i>) Follow the guidance appropriate for the project type: use ENERGY STAR-labeled fixtures or any equivalent high-performance lighting fixtures and bulbs in all common areas; OR if replacing, new common space and emergency lighting fixtures must meet or exceed ENERGY STAR efficiency levels. For emergency lighting, if installing new or replacing, all exit signs shall meet or exceed LED efficiency levels and conform to local building codes.

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	YES <input type="checkbox"/> NO <input type="checkbox"/>	5.5c Efficient Lighting: Exterior (All Projects) Follow the guidance appropriate for the project type: install ENERGY STAR-qualified fixtures or LEDs with a minimum efficacy of 45 lumens / watt; OR follow the ENERGY STAR MFHR program guidelines, which require that 80% of outdoor lighting fixtures must be ENERGY STAR-qualified or have ENERGY STAR-qualified lamps installed; OR if replacing, install ENERGY STAR compact fluorescents or LEDs with a minimum efficacy of 45 lumens / watt.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	5.6a Electricity Meter (New Construction and Substantial Rehab) Install individual or sub-metered electric meters in all dwelling units or tenant spaces.
	___ / 5	5.6b Electricity Meter (Moderate Rehab) Install individual or sub-metered electric meters in all dwelling units [5 points].
	___ / 15	5.7a Renewable Energy (All Projects) Install photovoltaic (PV) panels, wind turbines, or other electric-generating renewable energy source to provide a specified percentage of the project's estimated energy demand [15 points].
	___ / 5	5.7b Photovoltaic / Solar Hot Water Ready (All Projects) Site, design, engineer, and /or plumb the development to accommodate installation of photovoltaic (PV) or solar hot water system in the future [5 points].
	___ / 5	5.8 Advanced Metering Infrastructure (All Projects) Site, design, engineer, and wire the development to accommodate installation of smart meters and /or be able to interface with smart grid systems in the future [5 points].
6: Materials Beneficial to the Environment		
	YES <input type="checkbox"/> NO <input type="checkbox"/>	6.1 Low / No VOC Paints and Primers (All Projects) All interior paints and primers must be less than or equal to the following VOC levels: Flats - 50 g/L; Non-flats - 50 g/L; Floor - 100 g/L.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	6.2 Low / No VOC Adhesives and Sealants (All Projects) All adhesives must comply with Rule 1168 of the South Coast Air Quality Management District. All caulks and sealants must comply with regulation 8, rule 51, of the Bay Area Air Quality Management District.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	6.3 Construction Waste Management (All Projects) Commit to following a waste management plan that reduces non-hazardous construction and demolition waste by at least 50% by weight through recycling, salvaging, or diversion strategies.
	___ / 15	6.4 Construction Waste Management (All Projects) Commit to following a waste management plan that reduces non-hazardous construction and demolition waste by at least 75% by weight through recycling, salvaging, or diversion strategies [15 points].
	YES <input type="checkbox"/> NO <input type="checkbox"/>	6.5 Recycling Storage (All Projects) Provide one or more easily accessible, permanent areas for the collection of and storage of recyclable materials.

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	<p>___ / 10</p>	<p>6.6 Recycled Content Material (All Projects) Incorporate building materials that are composed of at least 25% post-consumer recycled content or at least 50% post-industrial recycled content. Select from the following: • Framing materials [2 point] • Exterior materials: siding, masonry, roofing [2 point] • Concrete / cement and aggregate [2 point] • Drywall / interior sheathing [2 point] • Flooring materials [2 point].</p>
	<p>___ / 10</p>	<p>6.7 Regional Material Selection (All Projects) Use products that were extracted, processed, and manufactured within 500 miles of the home or building for a minimum of 50% of the building material value (based on cost). Select any or all of these options: • Framing materials [2 point] • Exterior materials: siding, masonry, roofing [2 point] • Concrete / cement and aggregate [2 point] • Drywall / interior sheathing [2 point] • Flooring materials [2 point].</p>
	<p>___ / 10</p>	<p>6.8 Certified, Salvaged, and Engineered Wood Products (All Projects) Commit to using wood products and materials of at least 25% that are (by cost): FSC-certified, salvaged products, or engineered framing materials without urea-formaldehyde binders [10 points].</p>
	<p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	<p>6.9a Reduced Heat-Island Effect: Roofing (All Projects) Use Energy Star–compliant roofing or install a “green” (vegetated) roof for at least 50% of the roof area.</p>
	<p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	<p>6.9b Reduced Heat-Island Effect: Paving (All Projects) Use light-colored, high-albedo materials and /or an open-grid pavement, with a minimum solar reflectance of 0.3, over at least 50% of the site’s hardscaped area.</p>

7: Healthy Living Environment

	<p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	<p>7.1 Composite Wood Products that Emit Low/ No Formaldehyde (All Projects) All composite wood products must be certified compliant with California 93120. If using a composite wood product that does not comply with California 93120, all exposed edges and sides must be sealed with low-VOC sealants.</p>
	<p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	<p>7.2 Environmentally Preferable Flooring (All Projects) Do not install carpets in entryways, laundry rooms, bathrooms, kitchens / kitchenettes, utility rooms, and all rooms of ground-connected floors. Any carpet products used must meet the Carpet and Rug Institute’s Green Label or Green Label Plus certification for carpet, pad, and carpet adhesives. Any hard surface flooring products used must be either ceramic tile, unfinished hardwood floors, OR in compliance with the Scientific Certification System’s FloorScore program criteria.</p>
	<p>___ / 5</p>	<p>7.3 Environmentally Preferable Flooring: Alternative Sources (All Projects) Use non-vinyl, non-carpet floor coverings in all rooms of building [5 points].</p>

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	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.4 Exhaust Fans: Bathroom (All Projects) Install Energy Star–labeled bathroom fans that exhaust to the outdoors, are connected to a light switch, and are equipped with a humidistat sensor, timer, or other control (e.g., occupancy sensor, delay off switch, ventilation controller).
	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.5 Exhaust Fans: Kitchen (All Projects) Install power-vented fans or range hoods that exhaust to the exterior at the appropriate cfm rate, per ASHRAE 62.2, or install a central ventilation system with rooftop fans that meet efficiency criteria.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.6 Ventilation (New Construction and Substantial Rehab) Install a ventilation system capable of providing adequate fresh air per ASHRAE requirements for the building type.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.7 Combustion Equipment (All Projects) Specify power-vented or closed-combustion equipment when installing new space and water-heating equipment in New Construction and any Substantial and Moderate Rehab projects.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.8a Mold Prevention: Water Heaters (All Projects) Provide adequate drainage for water heaters that includes drains or catch pans with drains piped to the exterior.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.8b Mold Prevention: Surfaces (All Projects) In bathrooms, kitchens, and laundry rooms, use materials that have durable, cleanable surfaces.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.8c Mold Prevention: Tub and Shower Enclosures (All Projects) Use non–paper-faced backing materials such as cement board, fiber cement board, or equivalent in bathrooms.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.9 Vapor Barrier Strategies (New Construction and Rehab Projects with foundation work only) Install vapor barriers that meet specified criteria appropriate for the foundation type.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.10 Radon Mitigation (New Construction and Substantial Rehab only) For New Construction, install passive radon-resistant features below the slab. For Substantial Rehab projects, test for the presence of radon and mitigate if elevated levels exist.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.11 Water Drainage (New Construction and Rehab projects replacing assemblies called out in Criterion only) Provide drainage of water away from windows, walls, and foundations by implementing list of techniques.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.12 Garage Isolation (All Projects) Follow list of criteria for projects with garages, including: provide a continuous air barrier between the conditioned (living) space and any garage space to prevent the migration of any contaminants into the living space, and install a CO alarm inside the house in the room with a door to the garage and outside all sleeping areas.

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	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.13 Integrated Pest Management (All Projects) Seal all wall, floor, and joint penetrations with low-VOC caulking or other appropriate sealing methods to prevent pest entry.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.14 Lead-Safe Work Practices (Substantial and Moderate Rehab) For properties built before 1978, use lead-safe work practices consistent with the EPA's Renovation, Repair, and Painting Regulation and applicable HUD requirements.
8: Operations + Maintenance		
	YES <input type="checkbox"/> NO <input type="checkbox"/>	8.1 Building Maintenance Manual (All Projects) Provide a building maintenance manual that addresses maintenance schedules and other specific instructions related to the building's green features.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	8.2 Tenant Manual (All Projects) Provide a guide for homeowners and tenants that explains the intent, benefits, use, and maintenance of green building features.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	8.3 Resident and Property Manager Orientation (All Projects) Provide a comprehensive walk-through and orientation for residents and property managers using the appropriate building maintenance or resident's manual.
___ / 5		8.4 Project Data Collection and Monitoring System (All Projects) Collect and monitor project performance data on energy, water, and, if possible, healthy living environments for a minimum of five years [5 points].

Contact Information

Total Points: _____

Name: _____

Title: _____

Company: _____

Phone: _____ Email: _____

Street: _____

City: _____ State: _____ Zip: _____

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	YES <input type="checkbox"/> NO <input type="checkbox"/>	5.1b Building Performance Standard: Multifamily Four Stories or More (New Construction) Demonstrate compliance with the New York State Energy Research and Development Authority’s (NYSERDA) Multifamily Performance Program (MPP).
	YES <input type="checkbox"/> NO <input type="checkbox"/>	5.1c Building Performance Standard: Multifamily Three Stories or Fewer (Substantial and Moderate Rehab) Demonstrate that the final energy performance of the building is equivalent to a Home Energy Rating System (HERS) Index of 85.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	5.1d Building Performance Standard: Multifamily Four Stories or More (<i>Substantial and Moderate Rehab</i>) Demonstrate that the final energy performance of the building is equivalent to 15 percent above ASHRAE 90.1-2007.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	5.1e Building Performance Standard: Non-Residential (<i>New Construction and Substantial Rehab</i>) Demonstrate that the final energy performance of the building is equivalent to 15 percent above ASHRAE 90.1-2007.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	5.1f Building Performance Standard: Non-Residential (<i>Moderate Rehab</i>) Demonstrate that the final energy performance of the building is equivalent to 15 percent above ASHRAE 90.1-2007.
	___ / 15	5.2 Additional Reductions in Energy Use (<i>All Projects</i>) Demonstrate that the final energy performance of the building is improved by percentage increments above ASHRAE 90.1-2007. • 20 percent [5 points] • 30 percent [10 points] • 40 percent [15 points].
	YES <input type="checkbox"/> NO <input type="checkbox"/>	5.3 Sizing of Heating and Cooling Equipment (<i>All Projects</i>) Size heating and cooling equipment in accordance with the Air Conditioning Contractors of America (ACCA) Manuals, Parts J and S, or ASHRAE handbooks.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	5.4 Energy Star Appliances (<i>All Projects</i>) If providing appliances, install ENERGY STAR–labeled clothes washers, dishwashers, and refrigerators.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	5.5a Efficient Lighting: Interior Units (<i>All Projects</i>) Follow the guidance appropriate for the project type: install the ENERGY STAR Advanced Lighting Package (ALP); OR follow the ENERGY STAR MFHR program guidelines, which require that 80% of installed lighting fixtures within units must be ENERGY STAR–qualified or have ENERGY STAR–qualified lamps installed; OR if replacing, new fixtures and ceiling fans must meet or exceed ENERGY STAR efficiency levels.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	5.5b Efficient Lighting: Common Areas and Emergency Lighting (<i>All Projects</i>) Follow the guidance appropriate for the project type: use ENERGY STAR–labeled fixtures or any equivalent high-performance lighting fixtures and bulbs in all common areas; OR if replacing, new common space and emergency lighting fixtures must meet or exceed ENERGY STAR efficiency levels. For emergency lighting, if installing new or replacing, all exit signs shall meet or exceed LED efficiency levels and conform to local building codes.

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	YES <input type="checkbox"/> NO <input type="checkbox"/>	5.5c Efficient Lighting: Exterior (All Projects) Follow the guidance appropriate for the project type: install ENERGY STAR-qualified fixtures or LEDs with a minimum efficacy of 45 lumens / watt; OR follow the ENERGY STAR MFHR program guidelines, which require that 80% of outdoor lighting fixtures must be ENERGY STAR-qualified or have ENERGY STAR-qualified lamps installed; OR if replacing, install ENERGY STAR compact fluorescents or LEDs with a minimum efficacy of 45 lumens / watt.
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	YES <input type="checkbox"/> NO <input type="checkbox"/>	5.6a Electricity Meter (New Construction and Substantial Rehab) Install individual or sub-metered electric meters in all dwelling units or tenant spaces.
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	___ / 5	5.6b Electricity Meter (Moderate Rehab) Install individual or sub-metered electric meters in all dwelling units [5 points].
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	___ / 15	5.7a Renewable Energy (All Projects) Install photovoltaic (PV) panels, wind turbines, or other electric-generating renewable energy source to provide a specified percentage of the project's estimated energy demand [15 points].
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	___ / 5	5.7b Photovoltaic / Solar Hot Water Ready (All Projects) Site, design, engineer, and /or plumb the development to accommodate installation of photovoltaic (PV) or solar hot water system in the future [5 points].
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	___ / 5	5.8 Advanced Metering Infrastructure (All Projects) Site, design, engineer, and wire the development to accommodate installation of smart meters and /or be able to interface with smart grid systems in the future [5 points].
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6: Materials Beneficial to the Environment

	YES <input type="checkbox"/> NO <input type="checkbox"/>	6.1 Low / No VOC Paints and Primers (All Projects) All interior paints and primers must be less than or equal to the following VOC levels: Flats - 50 g/L; Non-flats - 50 g/L; Floor - 100 g/L.
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	YES <input type="checkbox"/> NO <input type="checkbox"/>	6.2 Low / No VOC Adhesives and Sealants (All Projects) All adhesives must comply with Rule 1168 of the South Coast Air Quality Management District. All caulks and sealants must comply with regulation 8, rule 51, of the Bay Area Air Quality Management District.
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	YES <input type="checkbox"/> NO <input type="checkbox"/>	6.3 Construction Waste Management (All Projects) Commit to following a waste management plan that reduces non-hazardous construction and demolition waste by at least 50% by weight through recycling, salvaging, or diversion strategies.
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	___ / 15	6.4 Construction Waste Management (All Projects) Commit to following a waste management plan that reduces non-hazardous construction and demolition waste by at least 75% by weight through recycling, salvaging, or diversion strategies [15 points].
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	YES <input type="checkbox"/> NO <input type="checkbox"/>	6.5 Recycling Storage (All Projects) Provide one or more easily accessible, permanent areas for the collection of and storage of recyclable materials.
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	<p>___ / 10</p>	<p>6.6 Recycled Content Material (All Projects) Incorporate building materials that are composed of at least 25% post-consumer recycled content or at least 50% post-industrial recycled content. Select from the following: • Framing materials [2 point] • Exterior materials: siding, masonry, roofing [2 point] • Concrete / cement and aggregate [2 point] • Drywall / interior sheathing [2 point] • Flooring materials [2 point].</p>
	<p>___ / 10</p>	<p>6.7 Regional Material Selection (All Projects) Use products that were extracted, processed, and manufactured within 500 miles of the home or building for a minimum of 50% of the building material value (based on cost). Select any or all of these options: • Framing materials [2 point] • Exterior materials: siding, masonry, roofing [2 point] • Concrete / cement and aggregate [2 point] • Drywall / interior sheathing [2 point] • Flooring materials [2 point].</p>
	<p>___ / 10</p>	<p>6.8 Certified, Salvaged, and Engineered Wood Products (All Projects) Commit to using wood products and materials of at least 25% that are (by cost): FSC-certified, salvaged products, or engineered framing materials without urea-formaldehyde binders [10 points].</p>
	<p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	<p>6.9a Reduced Heat-Island Effect: Roofing (All Projects) Use Energy Star–compliant roofing or install a “green” (vegetated) roof for at least 50% of the roof area.</p>
	<p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	<p>6.9b Reduced Heat-Island Effect: Paving (All Projects) Use light-colored, high-albedo materials and /or an open-grid pavement, with a minimum solar reflectance of 0.3, over at least 50% of the site’s hardscaped area.</p>

7: Healthy Living Environment

	<p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	<p>7.1 Composite Wood Products that Emit Low/ No Formaldehyde (All Projects) All composite wood products must be certified compliant with California 93120. If using a composite wood product that does not comply with California 93120, all exposed edges and sides must be sealed with low-VOC sealants.</p>
	<p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	<p>7.2 Environmentally Preferable Flooring (All Projects) Do not install carpets in entryways, laundry rooms, bathrooms, kitchens / kitchenettes, utility rooms, and all rooms of ground-connected floors. Any carpet products used must meet the Carpet and Rug Institute’s Green Label or Green Label Plus certification for carpet, pad, and carpet adhesives. Any hard surface flooring products used must be either ceramic tile, unfinished hardwood floors, OR in compliance with the Scientific Certification System’s FloorScore program criteria.</p>
	<p>___ / 5</p>	<p>7.3 Environmentally Preferable Flooring: Alternative Sources (All Projects) Use non-vinyl, non-carpet floor coverings in all rooms of building [5 points].</p>

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	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.4 Exhaust Fans: Bathroom (All Projects) Install Energy Star–labeled bathroom fans that exhaust to the outdoors, are connected to a light switch, and are equipped with a humidistat sensor, timer, or other control (e.g., occupancy sensor, delay off switch, ventilation controller).
	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.5 Exhaust Fans: Kitchen (All Projects) Install power-vented fans or range hoods that exhaust to the exterior at the appropriate cfm rate, per ASHRAE 62.2, or install a central ventilation system with rooftop fans that meet efficiency criteria.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.6 Ventilation (New Construction and Substantial Rehab) Install a ventilation system capable of providing adequate fresh air per ASHRAE requirements for the building type.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.7 Combustion Equipment (All Projects) Specify power-vented or closed-combustion equipment when installing new space and water-heating equipment in New Construction and any Substantial and Moderate Rehab projects.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.8a Mold Prevention: Water Heaters (All Projects) Provide adequate drainage for water heaters that includes drains or catch pans with drains piped to the exterior.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.8b Mold Prevention: Surfaces (All Projects) In bathrooms, kitchens, and laundry rooms, use materials that have durable, cleanable surfaces.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.8c Mold Prevention: Tub and Shower Enclosures (All Projects) Use non–paper-faced backing materials such as cement board, fiber cement board, or equivalent in bathrooms.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.9 Vapor Barrier Strategies (New Construction and Rehab Projects with foundation work only) Install vapor barriers that meet specified criteria appropriate for the foundation type.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.10 Radon Mitigation (New Construction and Substantial Rehab only) For New Construction, install passive radon-resistant features below the slab. For Substantial Rehab projects, test for the presence of radon and mitigate if elevated levels exist.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.11 Water Drainage (New Construction and Rehab projects replacing assemblies called out in Criterion only) Provide drainage of water away from windows, walls, and foundations by implementing list of techniques.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.12 Garage Isolation (All Projects) Follow list of criteria for projects with garages, including: provide a continuous air barrier between the conditioned (living) space and any garage space to prevent the migration of any contaminants into the living space, and install a CO alarm inside the house in the room with a door to the garage and outside all sleeping areas.

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	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.13 Integrated Pest Management (All Projects) Seal all wall, floor, and joint penetrations with low-VOC caulking or other appropriate sealing methods to prevent pest entry.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.14 Lead-Safe Work Practices (Substantial and Moderate Rehab) For properties built before 1978, use lead-safe work practices consistent with the EPA's Renovation, Repair, and Painting Regulation and applicable HUD requirements.
8: Operations + Maintenance		
	YES <input type="checkbox"/> NO <input type="checkbox"/>	8.1 Building Maintenance Manual (All Projects) Provide a building maintenance manual that addresses maintenance schedules and other specific instructions related to the building's green features.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	8.2 Tenant Manual (All Projects) Provide a guide for homeowners and tenants that explains the intent, benefits, use, and maintenance of green building features.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	8.3 Resident and Property Manager Orientation (All Projects) Provide a comprehensive walk-through and orientation for residents and property managers using the appropriate building maintenance or resident's manual.
___ / 5		8.4 Project Data Collection and Monitoring System (All Projects) Collect and monitor project performance data on energy, water, and, if possible, healthy living environments for a minimum of five years [5 points].

Contact Information

Total Points: _____

Name: _____

Title: _____

Company: _____

Phone: _____ Email: _____

Street: _____

City: _____ State: _____ Zip: _____

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Project Name: _____ Block: _____ Lot: _____

Construction Type: New Construction Substantial Rehab Moderate Rehab

1: Integrative Design

YES
NO **1.1a Green Development Plan: Integrative Design Meeting(s) (All Projects)** Conduct one or more integrative design meetings and submit a Green Development Plan or equivalent documentation.

YES
NO **1.1b Green Development Plan: Checklist Documentation (All Projects)** Create design and construction documentation to include information on implementation of appropriate Green Development Standards.

___ / 5 **1.2a Universal Design (New Construction, Residential only)** Design a minimum of 15% of the dwelling units (no fewer than one) in accordance with ICC /ANSI A117.1, Type A, Fully Accessible guidelines [10 points].

___ / 5 **1.2b Universal Design (Substantial and Moderate Rehab, Residential only)** Design a minimum of 10% of the dwelling units (no fewer than one) in accordance with ICC /ANSI A117.1, Type A, Fully Accessible guidelines [3 points] and, for an additional two points, the remainder of the ground-floor units and elevator-reachable units should have accessible unit entrances [2 points].

2: Location + Neighborhood Fabric

YES
NO **2.1 Sensitive Site Protection (New Construction)** Do not locate new development, including buildings, built structures, roads, or other parking areas, on portions of sites that meet any of the following provisions: • Except for previously developed sites, land within 100 feet of wetlands, including isolated wetlands or streams • Land that is specifically identified as habitat for any species on federal or state threatened or endangered lists • Land with elevation at or below the 100-year floodplain.

___ / 5 **2.2 Proximity to Services (New Construction)** Locate the project within a 0.25-mile walk distance of at least two OR a 0.5-mile walk distance of at least four of the list of facilities [5 points].

___ / 10 **2.3 Preservation of and Access to Open Space (All Projects)** Establish a legally enforceable open space conservation easement for use by tenants that is binding on all future owners of the property for a percentage of the total project acreage: 10% [4 points]; 20% [6 points]; 30% [8 points]; and 40% [10 points].

___ / 5 **2.4 Access to Public Transportation (New Construction)** Locate the project within a 0.5-mile walk distance of combined transit services (bus and/or rail) constituting 76 or more transit rides per weekday and 32 or more transit rides on the weekend [5 points].

___ / 10 **2.5 Smart Site Location: Passive Solar Heating / Cooling (New Construction)** Demonstrate a building with a passive solar design, orientation, and shading that meet specified guidelines. Select one: • Single building — New Construction [10 points] • Multiple buildings — New Construction [10 points] • Moderate or Substantial Rehab [10 points].

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	___ / 10	2.6 Brownfield Site (New Construction) Locate the project on a brownfield site [10 points].
	___ / 5	2.7 Access to Fresh, Local Foods (All Projects) Pursue one of three options to provide residents, occupants and staff with access to fresh, local foods, including neighborhood farms and gardens; community-supported agriculture; proximity to farmers market [5 points].
3: Site Improvements		
	YES <input type="checkbox"/> NO <input type="checkbox"/>	3.1 Environmental Remediation (All Projects) Conduct an environmental site assessment to determine whether any hazardous materials are present on site.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	3.2 Erosion and Sedimentation Control (All Projects) Implement the New York State Department of Environmental Conservation erosion and sedimentation control standards.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	3.3 Landscaping (All Projects) Provide new plants (including trees, shrubs, and ground cover) such that at least 50% of area available for landscaping is planted with native or adaptive species, all new plants are appropriate to the site's soil and microclimate, and none of the new plants is an invasive species.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	3.4 Efficient Irrigation and Water Reuse (All Projects) If irrigation is utilized, install an efficient irrigation or water reuse system.
	___ / 16	3.5 Surface Stormwater Management (All Projects) Comply with the Stormwater Control section of the Yonkers Zoning Code and utilize one or more of the following best management practices: • Sheetflow to Riparian Buffers or Filter Strips - [2 points] • Vegetated Swale - [2 points] • Tree Planting / Tree Pit - [2 points] • Rain Gardens - [2 points] • Green Roofs - [2 points] • Stormwater Planters - [2 points] • Rain Barrels and Cisterns - [2 points] • Porous Pavement - [2 points].
4: Water Conservation		
	YES <input type="checkbox"/> NO <input type="checkbox"/>	4.1 Water-Conserving Fixtures (All Projects) Install or retrofit water-conserving fixtures with the following specifications: Toilets - 1.28 gpf; Urinals - 0.5 gpf; Showerheads - 2.0 gpm; Kitchen faucets - 2.0 gpm; Bathroom faucets - 1.5 gpm.
	___ / 10	4.2 Advanced Water-Conserving Appliances and Fixtures (All Projects) Install or retrofit water-conserving fixtures with the following specifications: Toilets - 1.2 gpf; Showerheads - 1.5 gpm; Kitchen faucets - 1.5 gpm; Bathroom faucets - 0.5 gpm. Select any, or all, of the options: • Toilets [4 points] • Showerheads [3 points] • Faucets - kitchen and bathroom [3 points].
	___ / 5	4.3 Water Reuse (All Projects) Harvest, treat, and reuse rainwater and/or greywater to meet a portion of the project's water needs. • 10% reuse [2 point] • 30% reuse [3 points] • 20% reuse [4 points] • 40% reuse [5 points].
5: Energy Efficiency		
	YES <input type="checkbox"/> NO <input type="checkbox"/>	5.1a Building Performance Standard: Multifamily Three Stories or Fewer (New Construction only) Certify the project under ENERGY STAR New Homes.

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	<p>___ / 10</p>	<p>6.6 Recycled Content Material (All Projects) Incorporate building materials that are composed of at least 25% post-consumer recycled content or at least 50% post-industrial recycled content. Select from the following: • Framing materials [2 point] • Exterior materials: siding, masonry, roofing [2 point] • Concrete / cement and aggregate [2 point] • Drywall / interior sheathing [2 point] • Flooring materials [2 point].</p>
	<p>___ / 10</p>	<p>6.7 Regional Material Selection (All Projects) Use products that were extracted, processed, and manufactured within 500 miles of the home or building for a minimum of 50% of the building material value (based on cost). Select any or all of these options: • Framing materials [2 point] • Exterior materials: siding, masonry, roofing [2 point] • Concrete / cement and aggregate [2 point] • Drywall / interior sheathing [2 point] • Flooring materials [2 point].</p>
	<p>___ / 10</p>	<p>6.8 Certified, Salvaged, and Engineered Wood Products (All Projects) Commit to using wood products and materials of at least 25% that are (by cost): FSC-certified, salvaged products, or engineered framing materials without urea-formaldehyde binders [10 points].</p>
	<p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	<p>6.9a Reduced Heat-Island Effect: Roofing (All Projects) Use Energy Star–compliant roofing or install a “green” (vegetated) roof for at least 50% of the roof area.</p>
	<p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	<p>6.9b Reduced Heat-Island Effect: Paving (All Projects) Use light-colored, high-albedo materials and /or an open-grid pavement, with a minimum solar reflectance of 0.3, over at least 50% of the site’s hardscaped area.</p>
7: Healthy Living Environment		
	<p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	<p>7.1 Composite Wood Products that Emit Low/ No Formaldehyde (All Projects) All composite wood products must be certified compliant with California 93120. If using a composite wood product that does not comply with California 93120, all exposed edges and sides must be sealed with low-VOC sealants.</p>
	<p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	<p>7.2 Environmentally Preferable Flooring (All Projects) Do not install carpets in entryways, laundry rooms, bathrooms, kitchens / kitchenettes, utility rooms, and all rooms of ground-connected floors. Any carpet products used must meet the Carpet and Rug Institute’s Green Label or Green Label Plus certification for carpet, pad, and carpet adhesives. Any hard surface flooring products used must be either ceramic tile, unfinished hardwood floors, OR in compliance with the Scientific Certification System’s FloorScore program criteria.</p>
	<p>___ / 5</p>	<p>7.3 Environmentally Preferable Flooring: Alternative Sources (All Projects) Use non-vinyl, non-carpet floor coverings in all rooms of building [5 points].</p>

Yonkers Green Development Checklist

To Be Completed By Applicant

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	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.4 Exhaust Fans: Bathroom (All Projects) Install Energy Star–labeled bathroom fans that exhaust to the outdoors, are connected to a light switch, and are equipped with a humidistat sensor, timer, or other control (e.g., occupancy sensor, delay off switch, ventilation controller).
	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.5 Exhaust Fans: Kitchen (All Projects) Install power-vented fans or range hoods that exhaust to the exterior at the appropriate cfm rate, per ASHRAE 62.2, or install a central ventilation system with rooftop fans that meet efficiency criteria.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.6 Ventilation (New Construction and Substantial Rehab) Install a ventilation system capable of providing adequate fresh air per ASHRAE requirements for the building type.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.7 Combustion Equipment (All Projects) Specify power-vented or closed-combustion equipment when installing new space and water-heating equipment in New Construction and any Substantial and Moderate Rehab projects.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.8a Mold Prevention: Water Heaters (All Projects) Provide adequate drainage for water heaters that includes drains or catch pans with drains piped to the exterior.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.8b Mold Prevention: Surfaces (All Projects) In bathrooms, kitchens, and laundry rooms, use materials that have durable, cleanable surfaces.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.8c Mold Prevention: Tub and Shower Enclosures (All Projects) Use non–paper-faced backing materials such as cement board, fiber cement board, or equivalent in bathrooms.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.9 Vapor Barrier Strategies (New Construction and Rehab Projects with foundation work only) Install vapor barriers that meet specified criteria appropriate for the foundation type.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.10 Radon Mitigation (New Construction and Substantial Rehab only) For New Construction, install passive radon-resistant features below the slab. For Substantial Rehab projects, test for the presence of radon and mitigate if elevated levels exist.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.11 Water Drainage (New Construction and Rehab projects replacing assemblies called out in Criterion only) Provide drainage of water away from windows, walls, and foundations by implementing list of techniques.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.12 Garage Isolation (All Projects) Follow list of criteria for projects with garages, including: provide a continuous air barrier between the conditioned (living) space and any garage space to prevent the migration of any contaminants into the living space, and install a CO alarm inside the house in the room with a door to the garage and outside all sleeping areas.

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	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.13 Integrated Pest Management (All Projects) Seal all wall, floor, and joint penetrations with low-VOC caulking or other appropriate sealing methods to prevent pest entry.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	7.14 Lead-Safe Work Practices (Substantial and Moderate Rehab) For properties built before 1978, use lead-safe work practices consistent with the EPA's Renovation, Repair, and Painting Regulation and applicable HUD requirements.
8: Operations + Maintenance		
	YES <input type="checkbox"/> NO <input type="checkbox"/>	8.1 Building Maintenance Manual (All Projects) Provide a building maintenance manual that addresses maintenance schedules and other specific instructions related to the building's green features.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	8.2 Tenant Manual (All Projects) Provide a guide for homeowners and tenants that explains the intent, benefits, use, and maintenance of green building features.
	YES <input type="checkbox"/> NO <input type="checkbox"/>	8.3 Resident and Property Manager Orientation (All Projects) Provide a comprehensive walk-through and orientation for residents and property managers using the appropriate building maintenance or resident's manual.
___ / 5		8.4 Project Data Collection and Monitoring System (All Projects) Collect and monitor project performance data on energy, water, and, if possible, healthy living environments for a minimum of five years [5 points].

Contact Information

Total Points: _____

Name: _____

Title: _____

Company: _____

Phone: _____ Email: _____

Street: _____

City: _____ State: _____ Zip: _____