

IV. TOTAL:
 III. CREDIT ATTEMPTED: (YES/NO)
 II. ESTIMATED POINTS ELIGIBLE BY THIS DESIGN:
 I. MAX POINTS AVAILABLE: (P = PREREQUISITE)



CREDIT CATEGORIES & CERTIFICATION LEVELS

LEED certification is based on 18 prerequisites and 67 credits. The prerequisites are basic performance standards; they are mandatory for every project, and no points are awarded for meeting them. To achieve certification, builders earn credit points by exceeding the minimum standards of the prerequisites. In total, 136 credit points are available.

Prerequisites and points are classified in eight credit categories:

- Innovation & Design (ID) Process.**
Special design methods, unique regional credits, measures not currently addressed in the Rating System, and exemplary performance levels.
- Location & Linkages (LL).**
The placement of homes in socially and environmentally responsible ways in relation to the larger community.
- Sustainable Sites (SS).**
The use of the entire property so as to minimize the project's impact on the site.
- Water Efficiency (WE).**
Water conservation practices, both indoor and outdoor.
- Energy & Atmosphere (EA).**
Energy efficiency, particularly in the building envelope and heating and cooling design.
- Materials & Resources (MR).**
Efficient utilization of materials, selection of environmentally preferable materials, and minimization of waste during construction.
- Indoor Environmental Quality (EQ).**
Improvement of indoor air quality by reducing the creation of and exposure to pollutants.
- Awareness & Education (AE).**
The education of homeowner, tenant, or multifamily building manager about the operations and maintenance of the green features of a LEED Home.

CERTIFICATION LEVELS

The LEED for Homes Rating System works by requiring a minimum level of performance through prerequisites and rewarding improved performance in each of the above categories. The level of performance is indicated by four performance tiers. See (Table 1).

Required Points	Certification Level
45-59	Certified
60-74	Silver
75-89	Gold
90-136	Platinum
136	Total available points

HOME SIZE ADJUSTMENT

The adjustments in (Table 2) below compensate for the overarching effects of home size on consumption by adjusting the award level point thresholds based on home size. For further explanation see pages 8-11 in the LEED H Reference Guide.

Required Points	Certification Level
47-61	Certified
62-76	Silver
77-91	Gold
92-138	Platinum
136	Total available points

HOW TO PARTICIPATE IN LEED FOR HOMES

- There are five basic steps for a builder to follow in participating in LEED for Homes:
1. Contact a LEED for Homes Provider and register the project with USGBC.
2. Identify a project team
3. Build the home to the stated goals. Build onsite HERS and green rating tasks.
4. Achieve certification as a LEED home.
5. Post-certification and marketing support.

For full participation requirements or to purchase the LEED H Reference Guide, please visit www.usgbc.org/LEED/homes

INNOVATION AND DESIGN PROCESS (ID)

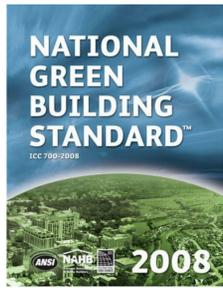
ID 1: INTEGRATED PROJECT PLANNING		I.	II.	III.	IV.
Intent. Maximize opportunities for integrated, cost-effective adoption of green design and construction strategies.					
(pg. 31)	1.1 Preliminary Rating	(P)	X		
(pg. 31)	1.2 Integrated Project Team			1	1
(pg. 31)	1.3 Professional Credentialed with Respect to LEED for Homes			1	1
(pg. 31)	1.4 Design Charrette			1	1
(pg. 31)	1.5 Building Orientation for Solar Design			1	
ID 2: DURABILITY MANAGEMENT PROCESS		I.	II.	III.	IV.
Intent. Promote durability and high performance of the building enclosure and its components and systems through appropriate design, materials selection, and construction practices.					
(pg. 37)	2.1 Durability Planning	(P)	X		
(pg. 37)	2.2 Durability Management	(P)	X		
(pg. 37)	2.3 Third-Party Durability Management Verification			3	

ID 3: INNOVATIVE OR REGIONAL DESIGN		I.	II.	III.	IV.
Intent. Minimize the environmental impact of the home by incorporating additional green design and construction measures that have tangible and demonstrable benefits beyond those in the LEED for Homes Rating System.					
(pg. 45)	3.1 Innovation #1			1	
(pg. 45)	3.2 Innovation #2			1	
(pg. 45)	3.3 Innovation #3			1	
(pg. 45)	3.4 Innovation #4			1	
LOCATION AND LINKAGES (LL)		I.	II.	III.	IV.
LL 1: LEED FOR NEIGHBORHOOD DEVELOPMENT					
Intent. Minimize the environmental impact of land development practices by building homes in LEED for Neighborhood Development certified developments.					
(pg. 51)	1 LEED for Neighborhood Development	(OR LL 2-6)		10	
LL 2: SITE SELECTION					
Intent. Avoid development on environmentally sensitive sites.					
(pg. 55)	2 Site Selection			2	
LL 3: PREFERRED LOCATIONS					
Intent. Encourage the building of LEED homes near or within existing communities.					
(pg. 59)	3.1 Edge Development			1	
(pg. 59)	3.2 Infill	(OR LL 3.1)		2	
(pg. 59)	3.3 Previously Developed			1	
LL 4: INFRASTRUCTURE					
Intent. Encourage the building of LEED homes in developments that are served by or are near existing infrastructure (i.e., sewers and water supply).					
(pg. 65)	4 Existing Infrastructure			1	
LL 5: COMMUNITY RESOURCES / TRANSIT					
Intent. Encourage the building of LEED homes in development patterns that allow for walking, biking, or public transit (thereby minimizing dependency on personal automobiles and their associated environmental impacts).					
(pg. 69)	5.1 Basic Community Resources / Transit			1	
(pg. 69)	5.2 Extensive Community Resources / Transit	(OR LL 5.1, 5.3)		2	
(pg. 69)	5.3 Outstanding Community Resources / Transit	(OR LL 5.1, 5.2)		3	
LL 6: ACCESS TO OPEN SPACE					
Intent. Provide open space to encourage walking, physical activity, and time spent outdoors.					
(pg. 75)	6 Access to Open Space			1	
SUSTAINABLE SITES (SS)		I.	II.	III.	IV.
SS 1: SITE STEWARDSHIP					
Intent. Minimize the environmental damage to the building lot during the construction process.					
(pg. 81)	1.1 Erosion Controls During Construction	(P)	X		
(pg. 81)	1.2 Minimize Disturbed Area of Site			1	
SS 2: LANDSCAPING					
Intent. Design landscape features to avoid invasive species and minimize demand for water and synthetic chemicals.					
(pg. 89)	2.1 No Invasive Plants	(P)	X		
(pg. 89)	2.2 Basic Landscape Design	(OR SS 2.5)		2	
(pg. 89)	2.3 Limit Conventional Turf	(OR SS 2.5)		3	
(pg. 89)	2.4 Drought-Tolerant Plants	(OR SS 2.5)		2	
(pg. 89)	2.5 Reduce Overall Irrigation Demand by at Least 20%			6	
SS 3: LOCAL HEAT ISLAND EFFECTS					
Intent. Design landscape features to reduce local heat island effects.					
(pg. 111)	3 Reduce Local Heat Island Effects			1	
SS 4: SURFACE WATER MANAGEMENT					
Intent. Design site features to minimize erosion and runoff from the home site.					
(pg. 115)	4.1 Permeable Lot			4	
(pg. 115)	4.2 Permanent Erosion Controls			1	
(pg. 115)	4.3 Management of Runoff from Roof			2	
SS 5: NONTOXIC PEST CONTROL					
Intent. Design home features to minimize the need for poisons for control of insects, rodents, and other pests.					
(pg. 125)	5 Pest Control Alternatives			2	
SS 6: COMPACT DEVELOPMENT					
Intent. Make use of compact development patterns to conserve land and promote community livability, transportation efficiency, and walkability.					
(pg. 129)	6.1 Moderate Density			2	
(pg. 129)	6.2 High Density	(OR SS 6.1, 6.3)		3	
(pg. 129)	6.3 Very High Density	(OR SS 6.1, 6.2)		4	
WATER EFFICIENCY (WE)		I.	II.	III.	IV.
WE 1: WATER REUSE					
Intent. Use municipal recycled water or offset central water supply through the capture and controlled reuse of rainwater and/or graywater.					
(pg. 135)	1.1 Rainwater Harvesting System	(OR WE 1.3)		4	
(pg. 135)	1.2 Graywater Reuse System	(OR WE 1.3)		1	
(pg. 135)	1.3 Use of Municipal Recycled Water System			3	

WE 2: IRRIGATION SYSTEM		I.	II.	III.	IV.
Intent. Minimize outdoor demand for water through water-efficient irrigation.					
(pg. 145)	2.1 High-Efficiency Irrigation System	(OR WE 2.3)		3	
(pg. 146)	2.2 Third-Party Inspection	(OR WE 2.3)		1	
(pg. 146)	2.3 Reduce Overall Irrigation Demand by at Least 45%			4	
WE 3: INDOOR WATER USE					
Intent. Minimize outdoor demand for water through water-efficient irrigation.					
(pg. 159)	3.1 High-Efficiency Fixtures and Fittings			3	
(pg. 159)	3.2 Very High-Efficiency Fixtures and Fittings			6	
ENERGY & ATMOSPHERE (EA)		I.	II.	III.	IV.
EA 1: OPTIMIZE ENERGY PERFORMANCE					
Intent. Improve the overall energy performance of a home by meeting or exceeding the performance of an ENERGY STAR labeled home.					
(pg. 169)	1.1 Performance of ENERGY STAR for Homes	(OR EA 2-11)	(P)	X	
(pg. 169)	1.2 Exceptional Energy Performance	(OR EA 2-11)		34	
EA 2: INSULATION					
Intent. Design and install insulation to minimize heat transfer and thermal bridging.					
(pg. 179)	2.1 Basic Insulation	(OR EA 1, 7.1, 7.2)	(P)	X	(P)
(pg. 179)	2.2 Enhanced Insulation	(OR EA 1, 7.1, 7.2)		2	
EA 3: AIR INFILTRATION					
Intent. Minimize energy consumption caused by uncontrolled air leakage into and out of conditioned spaces.					
(pg. 185)	3.1 Reduced Envelope Leakage	(OR EA 1, 7.1, 7.2)	(P)	X	
(pg. 185)	3.2 Greatly Reduced Envelope Leakage	(OR EA 1, 7.1, 7.2)		2	
(pg. 185)	3.3 Minimal Envelope Leakage	(OR EA 3.2) (OR EA 1, 7.1, 7.2)		3	3
EA 4: WINDOWS					
Intent. Maximize the energy performance of windows.					
(pg. 189)	4.1 Good Windows	(OR EA 1, 7.1, 7.2)	(P)	X	(P)
(pg. 189)	4.2 Enhanced Windows	(OR EA 1, 7.1, 7.2)		2	
(pg. 189)	4.3 Exceptional Windows	(OR EA 4.2) (OR EA 1, 7.1, 7.2)		3	
EA 5: HEATING AND COOLING DISTRIBUTION SYSTEM					
Intent. Minimize energy consumption due to thermal bridges and/or leaks in the heating and cooling distribution system.					
(pg. 195)	5.1 Reduced Distribution Losses	(OR EA 1, 7.1, 7.2)	(P)	X	(P)
(pg. 195)	5.2 Greatly Reduced Distribution Losses	(OR EA 1, 7.1, 7.2)		2	2
(pg. 195)	5.3 Minimal Distribution Losses	(OR EA 5.2) (OR EA 1, 7.1, 7.2)		3	
EA 6: SPACE HEATING AND COOLING EQUIPMENT					
Intent. Reduce energy consumption associated with the heating and cooling system.					
(pg. 201)	6.1 Good HVAC Design and Installation	(OR EA 1, 7.1, 7.2)	(P)	X	
(pg. 201)	6.2 High-Efficiency HVAC	(OR EA 1, 7.1, 7.2)		2	2
(pg. 201)	6.3 Very High-Efficiency HVAC	(OR EA 6.2) (OR EA 1, 7.1, 7.2)		4	
EA 7: WATER HEATING					
Intent. Reduce energy consumption associated with the domestic hot water system, including improving the efficiency of both the hot water system design and the layout of the fixtures in the home.					
(pg. 207)	7.1 Efficient Hot Water Distribution			2	2
(pg. 208)	7.2 Pipe Insulation			1	1
(pg. 208)	7.3 Efficient Domestic Hot Water (DHW) Equipment	(OR EA 1, 7.1, 7.2)		3	3
EA 8: LIGHTING					
Intent. Reduce energy consumption associated with interior and exterior lighting.					
(pg. 213)	8.1 ENERGY STAR Lights	(OR EA 1, 7.1, 7.2)	(P)	X	(P)
(pg. 213)	8.2 Improved Lighting	(OR EA 1, 7.1, 7.2)		1.5	1.5
(pg. 213)	8.3 Advanced Lighting Package	(OR EA 8.2) (OR EA 1, 7.1, 7.2)		3	
EA 9: APPLIANCES					
Intent. Reduce appliance energy consumption.					
(pg. 217)	9.1 High-Efficiency Appliances	(OR EA 1, 7.1, 7.2)		2	
(pg. 217)	9.2 Water-Efficient Clothes Washer	(OR EA 1, 7.1, 7.2)		1	
EA 10: RENEWABLE ENERGY					
Intent. Reduce consumption of nonrenewable energy sources by encouraging the installation and operation of renewable electric generation systems.					
(pg. 221)	10 Renewable Energy System	(OR EA 1, 7.1, 7.2)		10	
EA 11: RESIDENTIAL REFRIGERANT MANAGEMENT					
Intent. Select and test air-conditioning refrigerant to ensure performance and minimum contributions to ozone depletion and global warming.					
(pg. 227)	11.1 Refrigerant Charge Test		(P)	X	
(pg. 227)	11.2 Appropriate HVAC Refrigerants			1	
MATERIAL & RESOURCES (MR)		I.	II.	III.	IV.
MR 1: MATERIAL-EFFICIENT FRAMING					
Intent. Optimize the use of framing materials.					
(pg. 235)	1.1 Framing Order Waste Factor Limit		(P)	X	
(pg. 235)	1.2 Detailed Framing Documents	(OR MR 1.5)		1	
(pg. 235)	1.3 Detailed Cut List and Lumber Order	(OR MR 1.5)		1	
(pg. 235)	1.4 Framing Efficiencies	(OR MR 1.5)		3	
(pg. 235)	1.5 Off-Site Fabrication			4	

MR 2: ENVIRONMENTALLY PREFERABLE PRODUCTS		I.	II.	III.	IV.
Intent. Increased demand for environmentally preferable products and products or building components that are extracted, processed, and manufactured within the region.					
(pg. 247)	2.1 FSC-Certified Tropical Wood	(P)	X		
(pg. 247)	2.2 Environmentally Preferable Products			8	
MR 3: WASTE MANAGEMENT					
Intent. Reduce waste generated to a level below the industry norm.					
(pg. 261)	3.1 Construction Waste Management Planning	(P)	X		
(pg. 261)	3.2 Construction Waste Reduction			3	
INDOOR ENVIRONMENTAL QUALITY (EQ)		I.	II.	III.	IV.
IQ 1: ENERGY STAR WITH INDOOR AIR PACKAGE					
Intent. Improve the overall quality of a home's indoor environment by installing an approved bundle of air quality measures.					
(pg. 273)	1.1 ENERGY STAR with Indoor Air Package	(OR IQ 2-10)		13	
IQ 2: COMBUSTION VENTING					
Intent. Minimize the leakage of combustion gases into the occupied space of the home.					
(pg. 277)	2.1 Basic Combustion Venting Measures	(OR IQ 1, 4.2, 5.2, 5.3, 7.2/7.3, 8.2)	(P)	X	(P)
(pg. 277)	2.2 Enhanced Combustion Venting Measures	(OR IQ 1, 4.2, 5.2, 5.3, 7.2/7.3, 8.2)		2	
IQ 3: MOISTURE CONTROL					
Intent. Control indoor moisture levels to provide comfort, reduce the risk of mold, and increase the durability of the home.					
(pg. 285)	3.1 Moisture Load Control	(OR IQ 1, 4.2, 5.2, 5.3, 7.2/7.3, 8.2)		1	1
IQ 4: OUTDOOR AIR VENTILATION					
Intent. Reduce occupant exposure to indoor pollutants by ventilating with outdoor air.					
(pg. 289)	4.1 Basic Outdoor Air Ventilation	(OR IQ 1, 4.2, 5.2, 5.3, 7.2/7.3, 8.2)	(P)	X	(P)
(pg. 289)	4.2 Enhanced Outdoor Air Ventilation	(OR IQ 1, 4.2, 5.2, 5.3, 7.2/7.3, 8.2)		2	2
(pg. 289)	4.3 Third-Party Performance Testing	(OR IQ 1, 4.2, 5.2, 5.3, 7.2/7.3, 8.2)		1	
IQ 5: LOCAL EXHAUST					
Intent. Reduce moisture and exposure to indoor pollutants in kitchen and bathrooms.					
(pg. 299)	5.1 Basic Local Exhaust	(OR IQ 1, 4.2, 5.2, 5.3, 7.2/7.3, 8.2)	(P)	X	(P)
(pg. 299)	5.2 Enhanced Local Exhaust			1	1
(pg. 299)	5.3 Third-Party Performance Testing			1	
IQ 6: DISTRIBUTION OF SPACE HEATING AND COOLING					
Intent. Provide appropriate distribution of space heating and cooling in the home to improve thermal comfort and energy performance.					
(pg. 305)	6.1 Room by Room Load Calculations	(OR IQ 1, 4.2, 5.2, 5.3, 7.2/7.3, 8.2)	(P)	X	
(pg. 305)	6.2 Return Air Flow or Room by Room Controls	(OR IQ 1, 4.2, 5.2, 5.3, 7.2/7.3, 8.2)		1	
(pg. 305)	6.3 Third-Party Performance Testing	(OR IQ 1, 4.2, 5.2, 5.3, 7.2/7.3, 8.2)		2	
IQ 7: AIR FILTERING					
Intent. Reduce particulate matter from the air supply system.					
(pg. 311)	7.1 Good Filters	(OR IQ 1, 4.2, 5.2, 5.3, 7.2/7.3, 8.2)	(P)	X	(P)
(pg. 311)	7.2 Better Filters			1	1
(pg. 311)	7.3 Best Filters	(OR IQ 7.2)		2	
IQ 8: CONTAMINANT CONTROL					
Intent. Reduce occupants' and construction workers' exposure to indoor airborne contaminant through source control and removal.					
(pg. 315)	8.1 Indoor Contaminant Control during Const.	(OR IQ 1, 4.2, 5.2, 5.3, 7.2/7.3, 8.2)		1	
(pg. 315)	8.2 Indoor Contaminant Control			2	
(pg. 315)	8.3 Preoccupancy Flush	(OR IQ 1, 4.2, 5.2, 5.3, 7.2/7.3, 8.2)		1	
IQ 9: RADON PROTECTION					
Intent. Reduce occupant exposure to radon gas and other soil gas contaminants.					
(pg. 323)	9.1 Radon-Resistant Const. in High Risk Areas	(OR IQ 1, 4.2, 5.2, 5.3, 7.2/7.3, 8.2)	(P)	X	(P)
(pg. 323)	9.2 Radon-Resistant Const. in Mod. Risk Areas	(OR IQ 1, 4.2, 5.2, 5.3, 7.2/7.3, 8.2)		1	
IQ 10: GARAGE POLLUTANT PROTECTION					
Intent. Reduce occupant exposure to indoor pollutants originating from an adjacent garage.					
(pg. 327)	10.1 No HVAC in Garage	(OR IQ 1, 4.2, 5.2, 5.3, 7.2/7.3, 8.2)	(P)	X	(P)
(pg. 327)	10.2 Minimize Pollutants from Garage	(OR IQ 1, 4.2, 5.2, 5.3, 7.2/7.3, 8.2)		2	
(pg. 327)	10.3 Exhaust Fan in Garage	(OR IQ 1, 4.2, 5.2, 5.3, 7.2/7.3, 8.2)		1	
(pg. 327)	10.4 Detached or No Garage	(OR IQ 10.2, 10.3) (OR IQ 1, 4.2, 5.2, 5.3, 7.2/7.3, 8.2)		3	3
AWARENESS & EDUCATION (AE)		I.	II.	III.	IV.
AE 1: EDUCATION OF HOMEOWNER OR TENANT					
Intent. Maintain the performance					

IV. TOTAL:
 III. CREDIT ATTEMPTED: (YES/NO)
 II. ESTIMATED POINTS ELIGIBLE BY THIS DESIGN:
 I. MAX POINTS AVAILABLE: (M = MANDATORY REQUIREMENT PRESENT)



300 COMPLIANCE METHOD

301 - GENERAL
301.1 Environmental performance levels. The building, project, site, and/or development's environmental performance level shall consist of all mandatory requirements, plus points assessed using the point system specified within this Chapter. The level of performance shall be in accordance with Table 302, 303 or 305.5 as acceptable.
301.2 Awarding of points. Points shall be awarded as follows:
 (1) The maximum number of points that can be awarded for each practice is noted with that practice.
 (2) Points allocation for multi-unit buildings shall be as prescribed in section 304.
 (3) The Adopting Entity shall allow new products and practices to be added where deemed to meet the intent of this Standard. Points assigned for any new product or practice shall be determined by the Adopting Entity.

302 - GREEN SUBDIVISIONS
 302.1 Site design and development. The threshold points required for the environmental performance levels to qualify a new or existing subdivision as green under this Standard shall be in accordance with Table 302 and based on points in Chapter 4.

Green Subdivision Category	Performance Level Points			
	One Star	Two Stars	Three Stars	Four Stars
400 Site Design and Development	79	104	134	175

303 - GREEN BUILDINGS
303.1 Green buildings. The threshold points required for the environmental performance levels for a green building shall be in accordance with Table 303. To qualify for one of these performance levels, all of the following shall be satisfied:
 (1) The threshold number of points, in accordance with Table 303, shall be achieved as prescribed in Categories 1 through 6. The lowest level achieved in any category shall determine the overall performance level achieved for the building.
 (2) In addition to the threshold number of points in each category, all mandatory provisions of each category shall be implemented.
 (3) In addition to Section 701, either Section 702 (Performance Path) or Section 703 (Prescriptive Path) shall be used to establish the threshold performance level under Category 3 (Energy Efficiency).
 (4) In addition to the threshold number of points prescribed in Categories 1 through 6, the additional points prescribed in Category 7 shall be achieved from any of the categories. Where deemed appropriate by the Adopting Entity, additional points from Category 7 may be assigned to another category (or categories) to increase the threshold points required for that category (or categories). Points shall not be reduced by the Adopting Entity in any of six other categories.

Green Building Category	Performance Level Points (1) (2)	Points		
		Bronze	Silver	Gold
1 500 Lot Design, Preparation, and Development	39	66	93	119
2 600 Resource Efficiency	45	79	113	146
3 700 Energy Efficiency	30	60	100	120
4 800 Water Efficiency	14	26	41	60
5 900 Indoor Environmental Quality	36	65	100	140
6 1000 Operation, Maintenance and Building Owner Education	8	10	11	12
Additional Points from any category	50	100	100	100
Total Points:	222	406	558	697

(1) In addition to the threshold number of points in each category, all mandatory provisions of each category shall be implemented.
 (2) For dwelling units greater than 4,000 square feet (372 square meters), the number of points in Category 7 (Additional Points from any category) shall be increased in accordance with Section 601.1. The "Total Points" shall be increased by the same number of points.

304 - GREEN BUILDINGS
304.1 Green Multi-Unit Buildings. For multi-unit buildings, points for the green building practices that apply to multiple units shall be credited once for the entire building. Where points are credited, practices shall be implemented in all units, as applicable. Where application of a prescribed practice allows for a different number of points for different units in a multi-unit building, the fewer number of points shall be awarded.

400 SITE DESIGN AND DEVELOPMENT

400.0 Intent. This section applies to land development for the eventual construction of buildings or additions thereto that contain dwelling units. The rating earned under Section 303 based on practices herein, applies only to the site as defined in Chapter 2. The buildings on the site earn their own performance level by complying with the provisions of Section 303, 304, or 305.5, as applicable.

	I.	II.	III.	IV.
401 SITE SELECTION				
401.0 Intent. The site is selected to minimize environmental impact by one or more of the following:				
(pg. 15) 401.1 Infill Site.			4	
(pg. 15) 401.2 Greyfield/brownfield site.			5	
402 PROJECT TEAM, MISSION STATEMENT, AND GOALS				
402.0 Intent. The site is designed and constructed by a team of qualified professionals trained in green development issues.				
(pg. 15) 402.1 Team.			4	
(pg. 15) 402.2 Training.			3	
(pg. 15) 402.3 Project checklist.		(M)	3	

	I.	II.	III.	IV.
403 SITE DESIGN				
403.0 Intent. The project is designed to avoid detrimental environmental impacts, minimize any unavoidable impacts, and mitigate for those impacts that do occur. The project is designed to minimize environmental impacts and to protect, restore, and enhance the natural features and environmental quality of the site.				
(pg. 16) 403.1 Natural resources.			18	
(pg. 16) 403.2 Building orientation.			6	
(pg. 16) 403.3 Slope disturbance. (Points awarded only if there are developable steep slopes in the project area)			28	
(pg. 16) 403.4 Soil disturbance and erosion.			12	
(pg. 16) 403.5 Storm water management.			21	
(pg. 17) 403.6 Landscape plan.			54	
(pg. 17) 403.7 Wildlife habitat.			5	
(pg. 18) 403.8 Operations and maintenance plan.			5	
(pg. 18) 403.9 Existing buildings.			6	
(pg. 18) 403.10 Existing and recycled materials.			1	
(pg. 18) 403.11 Environmentally sensitive areas.			6	
(pg. 18) 403.12 Density.			10	
(pg. 18) 403.13 Mixed-use development.			6	

	I.	II.	III.	IV.
404 SITE DEVELOPMENT AND CONSTRUCTION				
404.0 Intent. Environmental impact during construction is avoided to the extent possible; impacts that do occur are minimized, and any significant impacts are mitigated.				
(pg. 18) 404.1 On-site supervision and coordination.			4	
(pg. 18) 404.2 Trees and vegetation.			12	
(pg. 19) 404.3 Soil disturbance and erosion.			31	
(pg. 19) 404.4 Wildlife habitat.			19	
405 INNOVATIVE PRACTICES				
405.0 Intent. Innovative site design, preparation, and development practices are used to enhance environmental performance. Waivers or variances from local development regulations are obtained, and innovative zoning practices are used to implement such practices, as applicable.				
(pg. 19) 405.1 Driveways and parking areas.			5	
(pg. 20) 405.2 Street widths.			6	
(pg. 20) 405.3 Cluster development.			10	
(pg. 20) 405.4 Zoning.			18	
(pg. 20) 405.5 Wetlands.			7	
(pg. 20) 405.6 Mass transit.			6	

500 LOT DESIGN, PREPARATION, AND DEVELOPMENT

500.0 Intent. This section applies to lot development for the eventual construction of residential buildings, multi-unit buildings, or additions thereto that contain dwelling units. The buildings on the lot earn their own performance level by complying with the provisions of Section 303, 304, or 305.5, as applicable.

	I.	II.	III.	IV.
501 LOT SELECTION				
(pg. 21) 501.1 Lot.			9	
(pg. 21) 501.2 Mass Transportation.			9	
502 PROJECT TEAM, MISSION STATEMENT, AND GOALS				
(pg. 21) 502.1 Project team, mission statement, and goals.			4	
503 LOT DESIGN				
503.0 Intent. The lot is designed to avoid detrimental environmental impacts first, minimize any unavoidable impacts, and mitigate for those impacts that do occur. The project is designed to minimize environmental impacts and to protect, restore, and enhance the natural features and environmental quality of the lot.				
(pg. 22) 503.1 Natural resources.			24	
(pg. 22) 503.2 Slope disturbance. (Points awarded only if there are developable steep slopes in the project area)			24	
(pg. 23) 503.3 Soil disturbance and erosion.			15	
(pg. 23) 503.4 Storm water management.			20	
(pg. 23) 503.5 Landscape plan.			34	
(pg. 24) 503.6 Wildlife habitat.			4	
(pg. 24) 503.7 Mixed-use development.			6	
(pg. 24) 503.8 Environmentally sensitive areas.			6	
(pg. 24) 503.9 Density.			10	

504 LOT CONSTRUCTION

	I.	II.	III.	IV.
504.0 Intent. Environmental impact during construction is avoided to the extent possible; impacts that do occur are minimized, and any significant impacts are mitigated.				
(pg. 25) 504.1 On-site supervision and coordination.			4	
(pg. 25) 504.2 Trees and vegetation.			11	
(pg. 25) 504.3 Soil disturbance and erosion.			34	

505 INNOVATIVE PRACTICES

	I.	II.	III.	IV.
505.0 Intent. Innovative lot design, preparation and development practices are used to enhance environmental performance. Waivers or variances from local development regulations are obtained, and innovative zoning practices are used to implement such practices.				
(pg. 26) 505.1 Driveways and parking areas.			4	
(pg. 26) 505.2 Heat island mitigation.			4	

600 RESOURCE EFFICIENCY

	I.	II.	III.	IV.
601 QUALITY OF CONSTRUCTION MATERIALS AND WASTE				
601.0 Intent. Design and construction practices that minimize the environmental impact of the building materials are incorporated, environmentally efficient building systems and materials are incorporated, and waste generated during construction is reduced.				

	I.	II.	III.	IV.
(pg. 27) 601.1 Conditioned floor area.			15	6
(pg. 28) 601.2 Material usage.			9	
(pg. 28) 601.3 Building dimensions and layouts.			13	
(pg. 28) 601.4 Framing and structural plans.			4	
(pg. 28) 601.5 Prefabricated components.			38	
(pg. 28) 601.6 Stacked stories.			8	4
(pg. 28) 601.7 Site-applied finishing materials.			12	7
(pg. 29) 601.8 Foundations.			3	
(pg. 29) 601.9 Above grade wall systems.			4	

602 ENHANCED DURABILITY AND REDUCED MAINTENANCE

	I.	II.	III.	IV.
602.0 Intent. Design and construction practices are implemented that enhance the durability of materials and reduce in-service maintenance.				
(pg. 29) 602.1 Exterior doors.			5	
(pg. 29) 602.2 Roof overhangs.			4	
(pg. 30) 602.3 Foundation drainage.		(M)	4	M
(pg. 30) 602.4 Drip edge.			3	3
(pg. 30) 602.5 Roof water discharge.			4	4
(pg. 30) 602.6 Finished grade.		(M)	4	M
(pg. 30) 602.7 Termitte barrier.			4	
(pg. 31) 602.8 Termite-resistant materials.			6	
(pg. 31) 602.9 Water-resistive barrier.		(M)	4	M
(pg. 31) 602.10 Ice barrier.		(M)	4	M
(pg. 31) 602.11 Foundation waterproofing.			4	4
(pg. 31) 602.12 Flashing.			6	6
(pg. 32) 602.13 Roof surfaces.			3	
(pg. 32) 602.14 Recycling.			6	

603 REUSED OR SALVAGED MATERIALS

	I.	II.	III.	IV.
603.0 Intent. Practices that reuse or modify existing structures, salvages materials for other uses, or use salvaged materials in the building's construction are implemented.				
(pg. 32) 603.1 Reused of existing building.			12	
(pg. 32) 603.2 Salvaged materials.			3	
(pg. 32) 603.3 Scrap materials.			4	

604 RECYCLED-CONTENT BUILDING MATERIALS

	I.	II.	III.	IV.
(pg. 32) 604.1 Recycled content.			9	

605 RECYCLED CONSTRUCTION WASTE

	I.	II.	III.	IV.
605.0 Intent. Waste generated during construction is recycled. All waste classified as hazardous shall be properly handled and disposed.				
(pg. 33) 605.1 Construction waste management plan.			6	
(pg. 33) 605.2 On-site recycling.			7	
(pg. 33) 605.1 Recycled construction materials.			6	

606 RENEWABLE MATERIALS

	I.	II.	III.	IV.
606.0 Intent. Building materials derived from renewable resources are used.				
(pg. 33) 606.1 Biobased products.			8	
(pg. 34) 606.2 Wood-based products.			7	
(pg. 34) 606.3 Manufacturing energy.			6	

607 RESOURCE-EFFICIENT MATERIALS

	I.	II.	III.	IV.
(pg. 34) 607.1 Resource-efficient materials.			9	3

608 INDIGENOUS MATERIALS

	I.	II.	III.	IV.
(pg. 34) 608.1 Indigenous materials.			10	

609 LIFE CYCLE ANALYSIS

	I.	II.	III.	IV.
(pg. 35) 609.1 Life cycle analysis.			15	

610 INNOVATIVE PRACTICES

	I.	II.	III.	IV.
(pg. 35) 610.1 Manufacturer's environmental management system concepts.			10	

700 ENERGY EFFICIENCY

701 MINIMUM ENERGY EFFICIENCY REQUIREMENTS

	I.	II.	III.	IV.
(pg. 39) 701.1 Mandatory requirements.				
(pg. 39) 701.1.1 Minimum Performance Path requirements.				
(pg. 39) 701.1.2 Minimum Prescriptive Path requirements.				
(pg. 39) 701.1.3 Alternative bronze level compliance.				
(pg. 39) 701.2 Emerald level points.				
(pg. 39) 701.3 Adopting Entity review.				
(pg. 40) 701.4 Mandatory practices.				
(pg. 40) 701.4.1 HVAC systems.		(M)		M
(pg. 40) 701.4.2 Duct systems.		(M)		M
(pg. 41) 701.4.3 Insulation and air sealing.		(M)		M
(pg. 41) 701.4.4 Fenestration.		(M)		M
702 PERFORMANCE PATH				
(pg. 43) 702.1 Point allocation.		(M)		
(pg. 43) 702.2 Energy cost performance level.			120	
703 PRESCRIPTIVE PATH				
(pg. 44) 703.1 Building envelope.				
(pg. 46) 703.2 Insulation and air sealing.			15	3
(pg. 48) 703.3 Fenestration.			12	
(pg. 49) 703.4 HVAC equipment efficiency.				
(pg. 52) 703.5 Water heating design, equipment, and installation.				

704 ADDITIONAL PRACTICES

704.1 Application of additional practice points. Points from Section 704 can be added to points earned in Section 702 (Performance Path), Section 703 (Prescriptive Path), or Section 701.3 (alternative bronze level compliance).

	I.	II.	III.	IV.
(pg. 54) 704.2 Lighting and appliances.			29	
(pg. 56) 704.3 Renewable energy and solar heating and cooling.				
(pg. 59) 704.4 Ducts.			52	
(pg. 60) 704.5 HVAC design and installation.			9	1
(pg. 60) 704.6 Installation and performance verification.			43	
705 INNOVATIVE PRACTICES				
(pg. 62) 705.1 Energy consumption control.			7	
(pg. 62) 705.2 Renewable energy service plan.			7	

800 WATER EFFICIENCY

