

ORDINANCE NO. _____

BOARD OF SUPERVISORS, COUNTY OF SAN MATEO, STATE OF CALIFORNIA

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AN ORDINANCE ADDING CHAPTER 14, CONSISTING OF SECTIONS 1401-1407, TO DIVISION VII OF THE SAN MATEO COUNTY ORDINANCE CODE (BUILDING REGULATIONS) ESTABLISHING A GREEN BUILDING PROGRAM

The Board of Supervisors of the County of San Mateo, State of California,
ORDAINS as follows:

SECTION 1. Chapter 14, consisting of Sections 1401-1407, is hereby added to Division VII of the San Mateo County Ordinance Code and shall read as follows:

CHAPTER 14. GREEN BUILDING PROGRAM

SECTION 1401. PURPOSE. The purpose of the County Green Building Program is to enhance public health and welfare by encouraging green building measures in the design, construction, and maintenance of buildings. The green building practices referenced in this Chapter are intended to achieve the following goals:

- A. To encourage the conservation of natural resources;
- B. To reduce waste in landfills generated by construction projects;
- C. To increase energy efficiency and lower energy usage;
- D. To reduce the operating and maintenance costs for buildings; and
- E. To promote a healthier indoor environment.

SECTION 1402. DEFINITIONS. For purposes of this Chapter, the following terms shall have the meanings set forth below:

- A. "50% remodel" means any additions, alterations, or repairs within any 12-month period that exceeds 50% of the value of the existing building or structure.
- B. "Build It Green™" means the non-profit organization that publishes the New Home Construction Green Building Guidelines, the New Home GreenPoints Checklist, and the Multi-Family GreenPoints Checklist, and any successor entity that assumes responsibility for the programs and operations of Build It Green™.
- C. "Commercial and industrial project" means any new construction of a retail, office, industrial, warehouse, or service building, or portion of a building, which is not a residential project.
- D. "Dwelling, single-family" means a building containing exclusively a single dwelling unit and built to the specifications of the California Building Code (CBC), California Electrical Code (CEC), California Mechanical Code (CMC), California Plumbing Code (CPC), and California Energy Code; or a mobile home containing exclusively a single dwelling unit, built to the Federal Department of Housing and Urban Development (HUD) Construction Standards, on a permanent foundation system, pursuant to Section 18551 of the Health and Safety Code.
- E. "Green building" means a whole systems approach to the design, construction, location and operation of buildings and structures that helps to mitigate the environmental, economic, and social impacts of construction, demolition, and renovation. Green building practices recognize the relationship between the natural and built environments and seek to

minimize the use of energy, water, and other natural resources and promote a healthy, productive indoor environment.

- F. "GreenPoint Rated (GPR)" means the version of the applicable GreenPoint Rated checklist approved by Build It Green™, in effect at the time of project application for County building permit.
- G. "GreenPoints" means credits assigned under the applicable GreenPoint Rated Checklist for a covered project.
- H. "LEED® certification" means having accrued the minimum number of points to merit a "certified" rating on the appropriate Leadership in Energy and Environmental Design (LEED®) Rating System Checklist.
- I. "LEED® rating system" means the applicable version of the Leadership in Energy and Environmental Design (LEED®) rating system, approved by the U.S. Green Building Council (USGBC), in effect at the time of project application for County building permit.
- J. "Low-rise multi-family residential" means a building or portion thereof, or a group of buildings, containing three or more dwelling units, including apartment houses, apartment hotels and flats, but not including tourist courts, of three stories or less.
- K. "Two-family dwelling" means a building containing exclusively two dwelling units.
- L. "USGBC" means the United States Green Building Council.
- M. "Working days" means Monday through Friday, excluding County holidays.

SECTION 1403. STANDARDS FOR COMPLIANCE FOR RESIDENTIAL

PROJECTS. Approval of any building permit for new construction or a 50% or greater remodel of a single-family dwelling, a two-family dwelling, or a low-rise multi-family residential project shall not be granted unless the applicant submits a checklist demonstrating that the project receives:

- A. 50 GreenPoints or higher on the appropriate GreenPoint Rated Checklist,
or
- B. LEED® certification.

In addition to any other fees and payments otherwise due, applicants will be required to post a bond in the amount of \$5,000, or \$1.50 per square foot for the total square footage of the building, whichever is higher, prior to the issuance of the building permit. Verification from Build It Green™ or USGBC must be presented to the Building Inspection Section prior to release of the bond. If the Building Inspection Section does not receive verification that a score of 50 GreenPoints or higher or LEED® for Homes certification has been achieved, the project shall be brought into compliance, or the bond will be forfeited.

SECTION 1404. EXPEDITED PERMIT PROCESSING FOR RESIDENTIAL

PROJECTS. Expedited building permit processing will be available for new construction or a 50% or greater remodel of a single-family dwelling, two-family dwelling, or a low-rise multi-family residential project as follows:

- A. For projects GreenPoint Rated at 75 points or higher or LEED® for Homes certified, comments on the first round of building permit applications will be provided from all County departments within 30 days of submittal.

- B. For projects GreenPoint Rated at 100 points or higher or LEED® for Homes certified, an additional benefit of guaranteed building inspections within two working days of a request for inspection will be provided.

Applicants participating in the voluntary expedited permit processing program will be required to post a \$10,000 bond. When the project is verified as receiving a score of 75 GreenPoints or higher or LEED® for Homes certification under Option A above, or 100 GreenPoints or higher under Option B above, the bond will be released. If the project does not receive verification that 75 GreenPoints or higher or LEED® for Homes certification under Option A above, or 100 GreenPoints or higher under Option B above, has been achieved, the project shall be brought into compliance, or the bond will be forfeited. Verification from Build It Green™ or USGBC must be presented to the Building Inspection Section prior to release of the bond.

SECTION 1405. STANDARDS FOR COMPLIANCE FOR COMMERCIAL AND INDUSTRIAL PROJECTS. Approval of any building permit for commercial or industrial construction of a new building(s) greater than 3,000 sq. ft., including additions of 3,000 sq. ft. or greater to an existing building, shall not be granted unless the applicant submits a checklist demonstrating that the project receives LEED® certification. Comments on the first round of building permit applications will be provided from all County departments within 30 days of submittal.

In addition to any other fees and payments otherwise due, applicants will be required to post a bond in the amount of \$5,000, or \$1.50 per square foot for the total square footage of the building, whichever is higher, prior to the issuance of the building permit. Verification from USGBC must be presented to the Building Inspection Section prior to release of the bond. If the Building Inspection Section does not receive verification that LEED® certification has been achieved, the project shall be brought into compliance, or the bond will be forfeited.

SECTION 1406. EXPEDITED PERMIT PROCESSING FOR COMMERCIAL AND INDUSTRIAL PROJECTS.

If LEED® “Silver” certification is achieved, the applicant may opt to receive guaranteed building inspections within two working days of a request for inspection.

Applicants participating in the voluntary expedited permit processing program will be required to post a \$10,000 bond. When LEED® “Silver” certification is verified, the bond will be released. If LEED® “Silver” certification cannot be verified, the project shall be brought into compliance, or the bond will be forfeited.

SECTION 1407. APPEAL. Any decision or determination by the Building Inspection Section under this Chapter may be appealed by the applicant or any interested person to the Building Inspection Manager, at no cost to the applicant.

Any decision or determination by the Building Inspection Manager under this Chapter may be appealed by the applicant or any interested person to the Board of Building Permit Appeals, in accordance with Chapter 7 of this Division, except that no appeal fee will be charged. Notice of such appeal must be filed with the Building Inspection Section not more than ten days after the date on which the final decision or determination by the Building Inspection Section is rendered. The notice shall identify the decision or determination that is the subject of the appeal and shall state the alleged error or reason for the appeal.

SECTION 2. This ordinance shall be in full force and effect thirty (30) days after adoption by the San Mateo County Board of Supervisors or when approved by the California Energy Commission, whichever is later. Not sooner than 12 months after adoption of this ordinance, County staff shall report on the results of the Green Building Program to the Board of Supervisors.

Single Family GreenPoint Checklist

date: _____



Build It Green
Smart Solutions From The Ground Up

The GreenPoint Checklist is based on the various green features incorporated into the home and is the basis for the GreenPoint Rated program. A home can be considered green if it fulfills the prerequisites, earns at least 50 points, and meets the minimum points per category: Energy (30), Indoor Air Quality/Health (5), Resources (6), and Water (9). Please contact Build It Green for a list of qualified GreenPoint Raters if you are interested in pursuing third-party verification.

The green building practices listed below are described in the New Home Construction Green Building Guidelines, available at www.builditgreen.org.

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ENTER PROJECT NAME	Points Achieved	Community	Energy	IAQ/Health	Resources	Water
Points Available Per Measure						
A. SITE						
<input type="checkbox"/> 1. Protect Topsoil and Minimize Disruption of Existing Plants & Trees	0	1				1
<input type="checkbox"/> a. Protect Topsoil from Erosion and Reuse after Construction	0					1
<input type="checkbox"/> b. Limit and Delineate Construction Footprint for Maximum Protection	0				3	
<input type="checkbox"/> 2. Deconstruct Instead of Demolishing Existing Buildings On Site	0					
<input type="checkbox"/> 3. Recycle Job Site Construction Waste (Including Green Waste)	0				R	
<input type="checkbox"/> a. Minimum 50% Waste Diversion by Weight (Recycling or Reuse) - Required	0				2	
<input type="checkbox"/> b. Minimum 65% Diversion by Weight (Recycling or Reuse)	0				2	
<input type="checkbox"/> c. Minimum 80% Diversion by Weight (Recycling or Reuse)	0					
<input type="checkbox"/> 4. Use Recycled Content Aggregate (Minimum 25%)	0				1	
<input type="checkbox"/> a. Walkway and Driveway	0				1	
<input type="checkbox"/> b. Roadway Base	0					
Total Points Available in Site = 12	0					
Points Available Per Measure						
B. FOUNDATION						
<input type="checkbox"/> 1. Replace Portland Cement in Concrete with Recycled Flyash or Slag	0				1	
<input type="checkbox"/> a. Minimum 20% Flyash or Slag	0				1	
<input type="checkbox"/> b. Minimum 25% Flyash or Slag	0				3	
<input type="checkbox"/> 2. Use Frost-Protected Shallow Foundation in Cold Areas (C.E.C. Climate Zone 16)	0			1		
<input type="checkbox"/> 3. Use Radon Resistant Construction (In At-Risk Locations Only)	0					
<input type="checkbox"/> 4. Design and Build Structural Pest Controls	0				1	
<input type="checkbox"/> a. Install Termite Shields & Separate All Exterior Wood-to-Concrete Connections by Metal or Plastic Fasteners/Dividers	0				1	
<input type="checkbox"/> b. All New Plants Have Trunk, Base, or Stem Located At Least 36 Inches from Foundation	0					1
Total Points Available in Foundation = 8	0					
Points Available Per Measure						
C. LANDSCAPING						
<input type="checkbox"/> 1. Construct Resource-Efficient Landscapes	0					1
<input type="checkbox"/> a. No Invasive Species Listed by Cal-IPC Are Planted	0				1	
<input type="checkbox"/> b. No Plant Species Will Require Hedging	0					3
<input type="checkbox"/> c. 75% of Plants Are Drought-tolerant California Natives, Mediterranean, or Other Appropriate Species	0	1				
<input type="checkbox"/> 2. Use Fire-Safe Landscaping Techniques	0					
<input type="checkbox"/> 3. Minimize Turf Areas in Landscape Installed by Builder	0					2
<input type="checkbox"/> a. All Turf Will Have a Water Requirement Less than or Equal to Tall Fescue (≤0.8 plant factor)	0					2
<input type="checkbox"/> b. Turf Shall Not Be Installed on Slopes Exceeding 10% or in Areas Less than 8 Feet Wide	0					2
<input type="checkbox"/> c. Turf is ≤33% of Landscaped Area (total 2 points)	0					2
<input type="checkbox"/> d. Turf is ≤10% of Landscaped Area (total 4 points)	0					3
<input type="checkbox"/> 4. Plant Shade Trees	0					2
<input type="checkbox"/> 5. Group Plants by Water Needs (Hydrozoning)	0					
<input type="checkbox"/> 6. Install High-Efficiency Irrigation Systems	0					2
<input type="checkbox"/> a. System Uses Only Low-Flow Drip, Bubblers, or Low-flow Sprinklers	0					3
<input type="checkbox"/> b. System Has Smart Controllers	0					3
<input type="checkbox"/> 7. Incorporate Two Inches of Compost in the Top 6 to 12 Inches of Soil	0					2
<input type="checkbox"/> 8. Mulch All Planting Beds to the Greater of 2 Inches or Local Water Ordinance Requirement	0					1
<input type="checkbox"/> 9. Use 50% Salvaged or Recycled-Content Materials for 50% of Non-Plant Landscape Elements	0	1				
<input type="checkbox"/> 10. Reduce Light Pollution by Shielding Fixtures and/or Directing Light Downward	0					
Total Points Available in Landscaping = 31	0					
Points Available Per Measure						
D. STRUCTURAL FRAME & BUILDING ENVELOPE						
<input type="checkbox"/> 1. Apply Optimal Value Engineering	0				1	
<input type="checkbox"/> a. Place Rafters and Studs at 24-Inch On Center Framing	0				1	
<input type="checkbox"/> b. Size Door and Window Headers for Load	0				1	
<input type="checkbox"/> c. Use Only Jack and Cripple Studs Required for Load	0					1
<input type="checkbox"/> 2. Use Engineered Lumber	0				1	
<input type="checkbox"/> a. Beams and Headers	0		1			
<input type="checkbox"/> b. Insulated Engineered Headers	0				1	
<input type="checkbox"/> c. Wood I-Joists or Web Trusses for Floors	0				1	
<input type="checkbox"/> d. Wood I-Joists for Roof Rafters	0				1	
<input type="checkbox"/> e. Engineered or Finger-Jointed Studs for Vertical Applications	0				1	
<input type="checkbox"/> f. Oriented Strand Board for Subfloor	0				1	
<input type="checkbox"/> g. Oriented Strand Board for Wall and Roof Sheathing	0				1	
<input type="checkbox"/> 3. Use FSC-Certified Wood	0				2	
<input type="checkbox"/> a. Dimensional Lumber, Studs and Timber: Minimum 40%	0				2	
<input type="checkbox"/> b. Dimensional Lumber, Studs and Timber: Minimum 70%	0				1	
<input type="checkbox"/> c. Panel Products: Minimum 40%	0				1	
<input type="checkbox"/> d. Panel Products: Minimum 70%	0				1	
<input type="checkbox"/> 4. Use Solid Wall Systems (Includes SIPs, ICFs, & Any Non-Stick Frame Assembly)	0		2			2
<input type="checkbox"/> a. Floors	0					

ENTER PROJECT NAME

ENTER PROJECT NAME		Points Achieved	Community	Energy	IAQ/Health	Resources	Water
<input type="checkbox"/>	b. Walls	0		2		2	
<input type="checkbox"/>	c. Roofs	0		2		2	
5. Reduce Pollution Entering the Home from the Garage							
<input type="checkbox"/>	a. Tightly Seal the Air Barrier between Garage and Living Area	0			1		
<input type="checkbox"/>	b. Install Garage Exhaust Fan OR Build a Detached Garage	0			1		
<input type="checkbox"/>	6. Design Energy Heels on Trusses (75% of Attic Insulation Height at Outside Edge of Exterior Wall)	0		1			
<input type="checkbox"/>	7. Design Roof Trusses to Accommodate Ductwork	0		1			
<input type="checkbox"/>	8. Use Recycled-Content Steel Studs for 90% of Interior Wall Framing	0				1	
<input type="checkbox"/>	9. Thermal Mass Walls: 5/8-Inch Drywall on All Interior Walls or Walls Weighing more than 40 lb/cu.ft.	0		1			
10. Install Overhangs and Gutters							
<input type="checkbox"/>	a. Minimum 16-Inch Overhangs and Gutters	0				1	
<input type="checkbox"/>	b. Minimum 24-Inch Overhangs and Gutters	0		1			
Total Points Available in Structural Building Frame and Envelope = 36		0					
E. EXTERIOR FINISH			Points Available Per Measure				
<input type="checkbox"/>	1. Use Recycled-Content (No Virgin Plastic) or FSC-Certified Wood Decking	0				2	
<input type="checkbox"/>	2. Install a Rain Screen Wall System	0				2	
<input type="checkbox"/>	3. Use Durable and Noncombustible Siding Materials	0				1	
<input type="checkbox"/>	4. Select Durable and Noncombustible Roofing Materials	0				2	
Total Points Available in Exterior Finish = 7		0					
F. INSULATION			Points Available Per Measure				
1. Install Insulation with 75% Recycled Content							
<input type="checkbox"/>	a. Walls and/or Floors	0				1	
<input type="checkbox"/>	b. Ceilings	0				1	
2. Install Insulation that is Low-Emitting (Certified Section 01350)							
<input type="checkbox"/>	a. Walls and/or Floors	0			1		
<input type="checkbox"/>	b. Ceilings	0			1		
<input type="checkbox"/>	3. Inspect Quality of Insulation Installation before Applying Drywall	0		1			
Total Points Available in Insulation = 5		0					
G. PLUMBING			Points Available Per Measure				
1. Distribute Domestic Hot Water Efficiently (Maximum 7 Points)							
<input type="checkbox"/>	a. Insulate Hot Water Pipes from Water Heater to Kitchen	0		1			1
<input type="checkbox"/>	b. Insulate All Hot Water Pipes	0		1			1
<input type="checkbox"/>	c. Use Engineered Parallel Piping	0					1
<input type="checkbox"/>	d. Use Engineered Parallel Piping with Demand Controlled Circulation Loop	0					1
<input type="checkbox"/>	e. Use Structured Plumbing with Demand Controlled Circulation Loop	0		1			2
<input type="checkbox"/>	f. Use Central Core Plumbing	0		1		1	2
<input type="checkbox"/>	2. Install Only High Efficiency Toilets (Dual-Flush or ≤1.28 gpf)	0					4
Total Points Available in Plumbing = Total 12		0					
H. HEATING, VENTILATION & AIR CONDITIONING			Points Available Per Measure				
<input type="checkbox"/>	1. Design and Install HVAC System to ACCA Manual J, D, and S Recommendations	0		4			
2. Install Sealed Combustion Units							
<input type="checkbox"/>	a. Furnaces	0			2		
<input type="checkbox"/>	b. Water Heaters	0			2		
<input type="checkbox"/>	3. Install Zoned, Hydronic Radiant Heating with Slab Edge Insulation	0		1	1		
<input type="checkbox"/>	4. Install High Efficiency Air Conditioning with Environmentally Responsible Refrigerants	0	1				
5. Design and Install Effective Ductwork							
<input type="checkbox"/>	a. Install HVAC Unit and Ductwork within Conditioned Space	0		3			
<input type="checkbox"/>	b. Use Duct Mastic on All Duct Joints and Seams	0		1			
<input type="checkbox"/>	c. Install Ductwork under Attic Insulation (Buried Ducts)	0		1			
<input type="checkbox"/>	d. Pressure Balance the Ductwork System	0		1			
<input type="checkbox"/>	e. Protect Ducts during Construction and Clean All Ducts before Occupancy	0		1			
<input type="checkbox"/>	6. Install High Efficiency HVAC Filter (MERV 6+)	0			1		
<input type="checkbox"/>	7. Don't Install Fireplace or Install Sealed Gas Fireplaces with Efficiency Rating Not Less Than 60% using CSA Standards	0			1		
8. Install Effective Exhaust Systems in Bathrooms and Kitchens							
<input type="checkbox"/>	a. Install ENERGY STAR Bathroom Fans Vented to the Outside	0			1		
<input type="checkbox"/>	b. All Bathroom Fans Are on Timer or Humidistat	0			1		
<input type="checkbox"/>	c. Install Kitchen Range Hood Vented to the Outside	0			1		
9. Install Mechanical Ventilation System for Cooling (Maximum 4 Points)							
<input type="checkbox"/>	a. Install ENERGY STAR Ceiling Fans & Light Kits in Living Areas & Bedrooms	0		1			
<input type="checkbox"/>	b. Install Whole House Fan with Variable Speeds	0		1			
<input type="checkbox"/>	c. Automatically Controlled Integrated System	0		2			
<input type="checkbox"/>	d. Automatically Controlled Integrated System with Variable Speed Control	0		3			
10. Install Mechanical Fresh Air Ventilation System (Maximum 3 Points)							
<input type="checkbox"/>	a. Any Whole House Ventilation System That Meets ASHRAE 62.2	0			2		
<input type="checkbox"/>	b. Install Air-to-Air Heat Exchanger that meets ASHRAE 62.2	0		1	2		
<input type="checkbox"/>	11. Install Carbon Monoxide Alarm(s)	0			1		
Total Points Available in Heating, Ventilation and Air Conditioning = 30		0					
I. RENEWABLE ENERGY			Points Available Per Measure				
<input type="checkbox"/>	1. Pre-Plumb for Solar Hot Water Heating	0		4			
<input type="checkbox"/>	2. Install Solar Water Heating System	0		10			
<input type="checkbox"/>	3. Install Wiring Conduit for Future Photovoltaic Installation & Provide 200 ft² of South-Facing Roof	0		2			
<input type="checkbox"/>	4. Install Photovoltaic (PV) Panels						

ENTER PROJECT NAME

		Points Achieved	Community	Energy	IAQ/Health	Resources	Water
<input type="checkbox"/>	a. 30% of electric needs OR 1.2 kW (total 6 points)	0		6			
<input type="checkbox"/>	b. 60% of electric needs OR 2.4kW (total 12 points)	0		6			
<input type="checkbox"/>	c. 90% of electric need OR 3.6 kW (total 18 points)	0		6			
Total Available Points in Renewable Energy = 28		0					

J. BUILDING PERFORMANCE		Points Available Per Measure					
1. Diagnostic Evaluations							
<input type="checkbox"/>	a. House Passes Blower Door Test	0		1			
<input type="checkbox"/>	b. House Passes Combustion Safety Backdraft Test	0			1		
0%	2. Design and Build High Performance Homes - % above Title 24 - minimum 15% Required	0		≥30			
<input type="checkbox"/>	3. House Obtains ENERGY STAR with Indoor Air Package Certification - Pilot Measure (Total 45 points; read comment)	0			5	2	
Total Available Points in Building Performance = 39		0					

K. FINISHES		Points Available Per Measure					
<input type="checkbox"/>	1. Design Entryways to Reduce Tracked in Contaminants	0		1			
2. Use Low-VOC or Zero-VOC Paint (Maximum 3 Points)							
<input type="checkbox"/>	a. Low-VOC Interior Wall/Ceiling Paints (<50 gpl VOCs (Flat) and <150 gpl VOCs (Non-Flat))	0		1			
<input type="checkbox"/>	b. Zero-VOC: Interior Wall/Ceiling Paints (<5 gpl VOCs (Flat))	0		3			
<input type="checkbox"/>	3. Use Low VOC, Water-Based Wood Finishes (<250 gpl VOCs)	0		2			
<input type="checkbox"/>	4. Use Low-VOC Caulk and Construction Adhesives (<70 gpl VOCs) for All Adhesives	0		2			
<input type="checkbox"/>	5. Use Recycled-Content Paint	0				1	
6. Use Environmentally Preferable Materials for Interior Finish: A) FSC-Certified Wood, B) Reclaimed, C) Rapidly Renewable, D) Recycled-Content or E) Finger-Jointed							
<input type="checkbox"/>	a. Cabinets (50% Minimum)	0				1	
<input type="checkbox"/>	b. Interior Trim (50% Minimum)	0				1	
<input type="checkbox"/>	c. Shelving (50% Minimum)	0				1	
<input type="checkbox"/>	d. Doors (50% Minimum)	0				1	
<input type="checkbox"/>	e. Countertops (50% Minimum)	0				1	
7. Reduce Formaldehyde in Interior Finish (CA Section 01350)							
<input type="checkbox"/>	a. Subfloor & Stair Treads (50% Minimum)	0		1			
<input type="checkbox"/>	b. Cabinets & Countertops (50% Minimum)	0		1			
<input type="checkbox"/>	c. Interior Trim (50% Minimum)	0		1			
<input type="checkbox"/>	d. Shelving (50% Minimum)	0		1			
<input type="checkbox"/>	8. After Installation of Finishes, Test of Indoor Air Shows Formaldehyde Level <27ppb	0				3	
Total Available Points in Finishes = 21		0					

L. FLOORING		Points Available Per Measure					
1. Use Environmentally Preferable Flooring: A) FSC-Certified Wood, B) Reclaimed or Refinished, C) Rapidly Renewable, D) Recycled-Content, E) Exposed Concrete. Flooring Adhesives Must Have <50 gpl VOCs.							
<input type="checkbox"/>	a. Minimum 15% of Floor Area	0				1	
<input type="checkbox"/>	b. Minimum 30% of Floor Area	0				1	
<input type="checkbox"/>	c. Minimum 50% of Floor Area	0				1	
<input type="checkbox"/>	d. Minimum 75% of Floor Area	0				1	
<input type="checkbox"/>	2. Thermal Mass Floors: Floor Covering Other than Carpet on 50% or More of Concrete Floors	0		1			
<input type="checkbox"/>	3. Flooring Meets Section 01350 or CRI Green Label Plus Requirements (50% Minimum)	0				2	
Total Available Points in Flooring = 7		0					

M. APPLIANCES AND LIGHTING		Points Available Per Measure					
1. Install Water and Energy Efficient Dishwasher							
<input type="checkbox"/>	a. ENERGY STAR (total 1 point)	0		1			
<input type="checkbox"/>	b. Dishwasher Uses No More than 6.5 Gallons/Cycle (total 2 points)	0				1	
2. Install ENERGY STAR Clothes Washing Machine with Water Factor of 6 or Less							
<input type="checkbox"/>	a. Meets Energy Star and CEE Tier 2 requirements (modified energy factor 2.0, Water Factor 6.0) (total 3 points)	0		1			2
<input type="checkbox"/>	b. Meets Energy Star and CEE Tier 3 requirements (modified energy factor 2.2, Water Factor 4.5 or less) (total 5 points)	0					2
3. Install ENERGY STAR Refrigerator							
<input type="checkbox"/>	a. ENERGY STAR Qualified & < 25 Cubic Feet Capacity	0		1			
<input type="checkbox"/>	b. ENERGY STAR Qualified & < 20 Cubic Feet Capacity	0		1			
4. Install Built-In Recycling Center							
<input type="checkbox"/>	a. Built-In Recycling Center	0				2	
<input type="checkbox"/>	b. Built-In Composting Center	0				1	
Total Available Points in Appliances and Lighting = 12		0					

N. OTHER		Points Available Per Measure					
<input type="checkbox"/>	1. Incorporate GreenPoint Rated Checklist in Blueprints - Required	0					R
<input type="checkbox"/>	2. Develop Homeowner Manual of Green Features/Benefits	0		1	1		1
3. Community Design Measures & Local Priorities: See the Community Planning & Design section in Chapter 4 of the New Home Guidelines for measures. Maximum of 20 points for suggested measures. Local requirements may also be listed here.							
<input type="checkbox"/>	Enter description here, and enter points available for measure in appropriate categories to the right.	0	0	0	0	0	0
<input type="checkbox"/>	Enter description here, and enter points available for measure in appropriate categories to the right.	0	0	0	0	0	0
<input type="checkbox"/>	Enter description here, and enter points available for measure in appropriate categories to the right.	0	0	0	0	0	0
<input type="checkbox"/>	Enter description here, and enter points available for measure in appropriate categories to the right.	0	0	0	0	0	0
4. Innovation: List innovative measures that meet the green building objectives of the Guidelines. Enter up to a maximum combined total of 20 pts. See Innovation Checklist for suggested measures, using the link to the right.							
<input type="checkbox"/>	Innovation in Community: Enter description here, and enter points available for measure in appropriate categories to the right.	0	0	0	0	0	0

Build It Green Checklists and Guidelines

ENTER PROJECT NAME

	Points Achieved	Community	Energy	IAQ/Health	Resources	Water
<input type="checkbox"/> Innovation in Energy: Enter description here, and enter points available for measure in appropriate categories to the right.	0	0	0	0	0	0
<input type="checkbox"/> Innovation in IAQ/Health: Enter description here, and enter points available for measure in appropriate categories to the right.	0	0	0	0	0	0
<input type="checkbox"/> Innovation in Resources: Enter description here, and enter points available for measure in appropriate categories to the right.	0	0	0	0	0	0
<input type="checkbox"/> Innovation in Water: Enter description here, and enter points available for measure in appropriate categories to the right.	0	0	0	0	0	0
Total Available Points in Other = 43		0				

Summary

Total Available Points in Specific Categories*		4+	96+	42+	66+	43+
Minimum Points Required in Specific Categories		0	30	5	6	9
Total Points Achieved	0	0	0	0	0	0

Project has not yet met the following recommended minimum requirements:

- Total Project Score of At Least 50 Points

Multifamily GreenPoint Checklist

This checklist tracks green features in a multifamily project. The recommended minimum requirements for a green home are: Earn a total of 50 points or more; obtain the following minimum points per category: Community (6), Energy (30), Indoor Air Quality/Health (5), Resources (6), and Water (3); and meet the prerequisites A.3.a (50% construction waste diversion), A.10.a. (No shingle roofing) and N.1 (Incorporate GreenPoint checklist in blueprints). The green building practices listed below are described in greater detail in the Multifamily Green Building Guidelines, available at www.multifamilygreen.org



Smart Solutions From The Ground Up

Current Point Total	0
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Community	Energy	IAQ/Health	Resources	Water
0	0	0	0	0

Enter Total Conditioned Floor Area of the Project: _____
 Enter Total Non-Residential Floor Area of Project: _____
 Percent of Project Dedicated to Residential Use: 100%

1
-
100%

ENTER PROJECT NAME		Community	Energy	IAQ/Health	Resources	Water
A. PLANNING & DESIGN		Possible Points				
1. Infill Sites						
<input type="checkbox"/>	a. Project is Located Within an Urban Growth Boundary & Avoids Environmentally Sensitive Sites	1				
<input type="checkbox"/>	b. Project Includes the Redevelopment of At Least One Existing Building				1	
<input checked="" type="checkbox"/>	c. Housing Density of 15 Units Per Acre or More (1 pt for every 5 u/a) Enter Project Density Number (In Units Per Acre)	10				
<input type="checkbox"/>	d. Locate Within Existing Community that has Sewer Line & Utilities in Place	1				
<input type="checkbox"/>	e. Project Redevelops a Brownfield Site or is Designated a Redevelopment Area by a City	1				
f. Site has Pedestrian Access Within 1/2 Mile to Neighborhood Services (1 Pt for 5 Or More, 2 Pts for 10 Or More):		2				
<input type="checkbox"/>	1) Bank					
<input type="checkbox"/>	2) Place of Worship					
<input type="checkbox"/>	3) Full Scale Grocery/Supermarket					
<input type="checkbox"/>	4) Day Care					
<input type="checkbox"/>	5) Cleaners					
<input type="checkbox"/>	6) Fire Station					
<input type="checkbox"/>	7) Hair Care					
<input type="checkbox"/>	8) Hardware					
<input type="checkbox"/>	9) Laundry					
<input type="checkbox"/>	10) Library					
<input type="checkbox"/>	11) Medical/Dental					
<input type="checkbox"/>	12) Senior Care Facility					
<input type="checkbox"/>	13) Public Park					
<input type="checkbox"/>	14) Pharmacy					
<input type="checkbox"/>	15) Post Office					
<input type="checkbox"/>	16) Restaurant					
<input type="checkbox"/>	17) School					
<input type="checkbox"/>	18) After School Programs					
<input type="checkbox"/>	19) Commercial Office					
<input type="checkbox"/>	20) Community Center					
<input type="checkbox"/>	21) Theater/Entertainment					
<input type="checkbox"/>	22) Convenience Store Where Meat & Produce are Sold.					
g. Proximity to Public Transit						
Development is Located Within:						
<input type="checkbox"/>	1/4 Mile of One Planned or Current Bus Line Stop	1				
<input type="checkbox"/>	1/4 Mile of Two or More Planned or Current Bus Line Stops	1				
<input type="checkbox"/>	1/2 Mile of a Commuter Train/Light Rail Transit System	1				
h. Reduced Parking Capacity:						
<input type="checkbox"/>	Less than 1.5 Parking Spaces Per Unit	1				
<input type="checkbox"/>	Less than 1.0 Parking Spaces Per Unit	1				
2. Mixed-Use Developments						
<input type="checkbox"/>	a. At least 2% of Development Floorspace Supports Mixed Use (Non-Residential Tenants)	1				
<input type="checkbox"/>	b. Half of Above Non-Residential Floorspace is Dedicated to Neighborhood Services	1				
3. Building Placement & Orientation						
<input type="checkbox"/>	a. Protect Soil & Existing Plants & Trees	1				
4. Design for Walking & Bicycling						
<input type="checkbox"/>	a. Sidewalks Are Physically Separated from Roadways & Are 5 Feet Wide	1				
<input type="checkbox"/>	b. Traffic Calming Strategies Are Installed by the Developer	1				
<input type="checkbox"/>	c. Provide Dedicated, Covered & Secure Bicycle Storage for 15% of Residents	1				
<input type="checkbox"/>	d. Provide Secure Bicycle Storage for 5% of Non-Residential Tenant Employees & Visitors	1				
5. Social Gathering Places						
<input type="checkbox"/>	a. Outdoor Gathering Places for Residents (Average of 50 sf Per Unit Or More)	1				
<input type="checkbox"/>	b. Outdoor Gathering Places Provide Natural Elements (For compact sites only)	1				
6. Design for Safety and Natural Surveillance						
<input type="checkbox"/>	a. All Main Entrances to the Building and Site are Prominent and Visible from the Street	1				
<input type="checkbox"/>	b. Residence Entries Have Views to Callers (Windows or Double Peep Holes) & Can Be Seen By Neighbors	1				

ENTER PROJECT NAME

Community	Energy	IAQ/Health	Resources	Water
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7. Landscaping

Check here if the landscape area is <10% of the total site area. Projects with <10% landscape area can only check up to 3 boxes in this section.

<input type="checkbox"/> a. No Plant Species will Require Shearing			1	
<input type="checkbox"/> b. No plantings are Listed on the Invasive Plant Inventory by the California Invasive Plant Council			1	
<input type="checkbox"/> c. Specify Drought-tolerant California Natives, Mediterranean or Other Appropriate Species				1
d. Create Drought Resistant Soils:				
<input type="checkbox"/> i. Mulch All Planting Beds to a Depth of 2 Inches or Greater as Per Local Ordinance				1
<input type="checkbox"/> ii. Amend with 1 Inch of Compost or as per Soil Analysis to Reach 3.5% Soil Organic Matter				1
e. Design & Install High-Efficiency Irrigation System				
<input type="checkbox"/> i. Specify Smart (Weather-Based) Irrigation Controllers				1
<input type="checkbox"/> ii. Specify Drip, Bubblers or Low-Flow Sprinklers for All Non Turf Landscape Areas				1
<input type="checkbox"/> f. Group Plants by Water Needs (Hydrozones) in Planting Plans & Identify Hydrozones on Irrigation Plans				1
g. Minimize Turf in Landscape Installed by Builder				
<input type="checkbox"/> i. Do Not Specify Turf on Slopes Exceeding 10% or in Areas Less Than 8 Feet Wide				1
<input type="checkbox"/> ii. Less Than 33% of All Landscaped Area is Specified as Turf AND All Turf has Water Requirement <= To Tall Fescue				1

8. Building Performance Exceeds Title 24

Enter the Percent Above the 2005 Version of Title 24 for Residential and Non-Residential Portions of the Project.

0% a. Residences: 2 Points for Every 1% Above 2005 T24		0		
0% b. Non-Residential Spaces: 2 Points for Every 1% Above 2005 T24				

9. Cool Site

<input type="checkbox"/> a. At least 30% of the Site Includes Cool Site Techniques	1			
--	---	--	--	--

10. Adaptable Buildings

a. Include Universal Design Principles in Units				
<input type="checkbox"/> 50% of Units	1			
<input type="checkbox"/> 80% of Units	1			
<input type="checkbox"/> b. Live/Work Units Include A Dedicated Commercial Entrance	1			

11. Affordability

a. A Percentage of Units are Dedicated to Households Making 80% or Less of AMI				
<input type="checkbox"/> 10% of All Units	1			
<input type="checkbox"/> 20%	1			
<input type="checkbox"/> 30%	1			
<input type="checkbox"/> 50% or More	1			
<input type="checkbox"/> b. Development Includes Multiple Bedroom Units (At least 1 Unit with 3BR or More at or Less Than 80% AMI)	2			

B. SITEWORK

Possible Points

1. Construction & Demolition Waste Management

Divert a Portion of all Construction & Demolition Waste:

<input type="checkbox"/> a. Required: Divert 50%			R	
<input type="checkbox"/> b. Divert 65%			2	
<input type="checkbox"/> c. Divert 80% or more			2	

2. Construction Material Efficiencies

a. Lumber is Delivered Pre-Cut from Supplier (80% or More of Total Board Feet)				
<input type="checkbox"/> b. Components of the Project Are Pre-Assembled Off-Site & Delivered to the Project			1	
<input type="checkbox"/> 25% of Total Square Footage			2	
<input type="checkbox"/> 50% of Total Square Footage			2	
<input type="checkbox"/> 75% of Total Square Footage or More			2	

3. Construction Indoor Air Quality (IAQ) Management Plan

<input type="checkbox"/> a. An IAQ Management Plan is Written & Followed for the Project			2	
--	--	--	---	--

C. STRUCTURE

Possible Points

1. Recycled Aggregate

<input type="checkbox"/> a. Minimum 25% Recycled Aggregate (Crushed Concrete) for Fill, Backfill & Other Uses			1	
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2. Recycled Flyash in Concrete

a. Flyash or Slag is Used to Displace a Portion of Portland Cement in Concrete				
<input type="checkbox"/> 20%			1	
<input type="checkbox"/> 30% or More			1	

ENTER PROJECT NAME

		Community	Energy	IAQ/Health	Resources	Water
3. FSC-Certified Wood for Framing Lumber						
a. FSC-Certified Wood for a Percentage of All Dimensional Studs:						
<input type="checkbox"/>	40%				2	
<input type="checkbox"/>	70%				2	
b. FSC-Certified Panel Products for a Percentage of All Sheathing (OSB & Plywood):						
<input type="checkbox"/>	40%				1	
<input type="checkbox"/>	70%				1	
4. Engineered Lumber or Steel Studs, Joists, Headers & Beams						
<input type="checkbox"/>	a. 90% or More of All Floor & Ceiling Joists				1	
<input type="checkbox"/>	b. 90% or More of All Studs				2	
<input type="checkbox"/>	c. 90% or More of All Headers & Beams				2	
5. Optimal Value Engineering Framing						
<input type="checkbox"/>	a. Studs at 24" Centers on Top Floor Exterior Walls &/or All Interior Walls				1	
<input type="checkbox"/>	b. Door & Window Headers Sized for Load				1	
<input type="checkbox"/>	c. Use Only Jack & Cripple Studs Required for Load				1	
6. Steel Framing						
<input type="checkbox"/>	a. Mitigate Thermal Bridging by Installing Exterior Insulation (At Least 1-Inch of Rigid Foam)		2			
7. Structural Insulated Panels (SIPs) Or Other Solid Wall Systems						
a. SIPs Or Other Solid Wall Systems are Used for 80% of All:						
<input type="checkbox"/>	Floors		2		2	
<input type="checkbox"/>	Walls		2		2	
<input type="checkbox"/>	Roofs		2		2	
8. Raised Heel Roof Trusses						
<input type="checkbox"/>	a. 75% of All Roof Trusses Have Raised Heels		1			
9. Insulation						
<input type="checkbox"/>	a. All Ceiling, Wall & Floor Insulation is 01350 Certified OR Contains No Added Formaldehyde			1		
<input type="checkbox"/>	b. All Ceiling, Wall & Floor Insulation Has a Recycled Content of 50% or More				1	
10. Durable Roofing Options						
<input type="checkbox"/>	a. <i>Required:</i> No Shingle Roofing OR All Shingle Roofing Has 3-Yr Subcontractor Guarantee & 20-Yr Manufacturer Warranty				R	
<input type="checkbox"/>	b. All Sloped Roofing Materials Carry a 40-Year Manufacturer Warranty				1	
11. Moisture Shedding & Mold Avoidance						
<input type="checkbox"/>	a. Building(s) Include a Definitive Drainage Plane Under Siding				4	
<input type="checkbox"/>	b. ENERGY STAR Bathroom Fans are Supplied in All Bathrooms, Are Exhausted to the Outdoors & Are Equipped with Control				1	
<input type="checkbox"/>	c. A Minimum of 80% of Kitchen Range Hoods Are Vented to the Exterior			1		
12. Green Roofs						
a. A Portion of the Low-Slope Roof Area is Covered By A Vegetated or "Green" Roof						
<input type="checkbox"/>	25%	2				2
<input type="checkbox"/>	50% or More	2				2

D. SYSTEMS		Possible Points				
1. Passive Solar Heating						
<input type="checkbox"/>	a. Orientation: At Least 40% of the Units Face Directly South		2			
<input type="checkbox"/>	b. Shading On All South-Facing Windows Allow Sunlight to Penetrate in Winter, Not in Summer		1			
<input type="checkbox"/>	c. Thermal Mass: At Least 50% of the Floor Area Directly Behind South-Facing Windows is Massive		2			
2. Radiant Hydronic Space Heating						
<input type="checkbox"/>	a. Install Radiant Hydronic Space Heating for IAQ purposes (No Forced Air) in All Residences			2		
3. Solar Water Heating						
<input type="checkbox"/>	a. Pre-Plumb for Solar Hot Water		1			
<input type="checkbox"/>	b. Install Solar Hot Water System for Preheating DHW		4			
4. Air Conditioning with Advanced Refrigerants						
<input type="checkbox"/>	a. Install Air Conditioning with Non-HCFC Refrigerants		1			
5. Advanced Ventilation, Practices						
Perform the Following Practices in Residences:						
<input type="checkbox"/>	a. Infiltration Testing by a C-HERS Rater for Envelope Sealing & Reduced Infiltration		2			
<input type="checkbox"/>	b. Operable Windows or Skylights Are Placed To Induce Cross Ventilation (At Least One Room In 80% of Units)		1	1		
<input type="checkbox"/>	c. Ceiling Fans in Every Bedroom & Living Room OR Whole House Fan is Used		1			
6. Garage Ventilation						
<input type="checkbox"/>	a. Garage Ventilation Fans Are Controlled by Carbon Monoxide Sensors (Passive Ventilation Does Not Count)			1		

ENTER PROJECT NAME

Community	Energy	IAQ/Health	Resources	Water
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7. Low-Mercury Lamps					
<input type="checkbox"/>	a. Low-Mercury Products Are Installed Wherever Linear Fluorescent Lamps Are Used			1	
<input type="checkbox"/>	b. Low-Mercury Products Are Installed Wherever Compact Fluorescent Lamps Are Used			2	
8. Light Pollution Reduction					
<input type="checkbox"/>	a. Exterior Luminaires Emit No Light Above Horizontal OR Are Dark Sky Certified	1			
<input type="checkbox"/>	b. Control light Trespass Onto Neighboring Areas Through Appropriate Fixture Selection & Placement	1			
9. Onsite Electricity Generation					
<input type="checkbox"/>	a. Pre-Wire for Photovoltaics & Plan for Space (Clear Areas on Roof & in Mechanical Room)			1	
<input type="checkbox"/>	b. Install Photovoltaics to Offset a Percent of the Project's Total Estimated Electricity Demand				
<input type="checkbox"/>	10%	2	2		
<input type="checkbox"/>	20%	2	2		
<input type="checkbox"/>	30% or more	2	2		
<input type="checkbox"/>	c. Educational Display is Provided in a Viewable Public Area	1			
10. Elevators					
<input type="checkbox"/>	a. Gearless Elevators Are Installed		1		
11. ENERGY STAR® Appliances					
<input type="checkbox"/>	a. Install ENERGY STAR Refrigerators in All Locations				
<input type="checkbox"/>	ENERGY STAR-Qualified		1		
<input type="checkbox"/>	ACEEE-Listed Refrigerators		1		
<input type="checkbox"/>	b. Install ENERGY STAR Dishwashers in All Locations				
<input type="checkbox"/>	All Dishwashers Are ENERGY STAR-qualified		1		
<input type="checkbox"/>	Residential-grade Dishwashers Use No More than 6.5 Gallons Per Cycle		1		1
<input type="checkbox"/>	c. Install ENERGY STAR Clothes Washers In All Locations		1		2
<input type="checkbox"/>	d. Install Ventless Natural Gas Clothes Dryers in Residences			1	
12. Central Laundry					
<input type="checkbox"/>	a. Central Laundry Facilities Are Provided for All Occupants			1	
13. Water-Efficient Fixtures					
<input type="checkbox"/>	a. All Showerheads Use 2.0 Gallons Per Minute (gpm) or Less		1		1
<input type="checkbox"/>	b. High-Efficiency Toilets Use 1.28 gpf or Less or Are Dual Flush				
<input type="checkbox"/>	In All Residences				3
<input type="checkbox"/>	In All Non-Residential Areas				3
<input type="checkbox"/>	c. Install High Efficiency Urinals (0.5 gpf or less) or No-Water Urinals Wherever Urinals Are Specified:				
<input type="checkbox"/>	Average flush rate is 0.5 gallons per flush or less				1
<input type="checkbox"/>	Average flush rate is 0.1 gallons per flush or less				1
<input type="checkbox"/>	d. Flow Limiters Or Flow Control Valves Are Installed on All Faucets				
<input type="checkbox"/>	Residences: Kitchen - 2.0 gpm or less		1		1
<input type="checkbox"/>	Non-Residential Areas: Kitchen - 2.0 gpm or less		0		0
<input type="checkbox"/>	Residences: Bathroom Faucets- 1.5 gpm or less		1		1
<input type="checkbox"/>	Non-Residential Areas: Bathroom Faucets - 1.5 gpm or less		0		0
<input type="checkbox"/>	e. Non-Residential Areas: Install Pre-Rinse Spray Valves in Commercial Kitchens - 1.6 gpm or less				1
14. Source Water Efficiency					
<input type="checkbox"/>	a. Use Recycled Water for Landscape Irrigation or to Flush Toilets/Urinals				2
<input type="checkbox"/>	b. Use Captured Rainwater for Landscape Irrigation or to Flush 5% of Toilets &/or Urinals				4
<input type="checkbox"/>	c. Water is Submetered for Each Residential Unit & Non-Residential Tenant				4

E. FINISHES AND FURNISHINGS

Possible Points

1. Construction Indoor Air Quality Management					
<input type="checkbox"/>	a. Perform a 2-Week Whole Building Flush-Out Prior to Occupancy		1		
2. Entryways					
<input type="checkbox"/>	a. Provide Permanent Walk-Off Mats and Shoe Storage at All Home Entrances		1		
<input type="checkbox"/>	b. Permanent Walk-Off Systems Are Provided at All Main Building Entrances & In Common Areas		1		
3. Recycling & Waste Collection					
<input type="checkbox"/>	a. Residences: Provide Built-In Recycling Center In Each Unit			2	

ENTER PROJECT NAME

		Community	Energy	IAQ/Health	Resources	Water
4. Use Low/No-VOC Paints & Coatings						
a. Low-VOC Interior Paints (<50 gpl VOCs (Flat) and <150 gpl VOCs (Non-Flat))						
<input type="checkbox"/>	In All Residences			1		
<input type="checkbox"/>	In All Non-Residential Areas:			0		
b. Zero-VOC: Interior Paints (<5 gpl VOCs (Flat))						
<input type="checkbox"/>	In All Residences			1		
<input type="checkbox"/>	In All Non-Residential Areas:			0		
c. Wood Coatings Meet the Green Seal Standards for Low-VOCs						
<input type="checkbox"/>	In All Residences			2		
<input type="checkbox"/>	In All Non-Residential Areas:			0		
d. Wood Stains Meet the Green Seal Standards for Low-VOCs						
<input type="checkbox"/>	In All Residences			2		
<input type="checkbox"/>	In All Non-Residential Areas:			0		
5. Use Recycled Content Exterior Paint						
<input type="checkbox"/>	a. Use Recycled Content Paint on 50% of All Exteriors				1	
6. Low-VOC Construction Adhesives						
<input type="checkbox"/>	a. Use Low-VOC Construction Adhesives (<70 gpl VOCs) for All Adhesives			1		
7. Environmentally Preferable Materials for Interior Finish						
Use Environmentally Preferable Materials for Interior Finish: A) FSC-Certified Wood, B) Reclaimed Lumber, C) Rapidly Renewable D) Recycled-Content or E) Finger-Jointed						
a. Residences: At Least 50% of Each Material:						
<input type="checkbox"/>	i. Cabinets			1		
<input type="checkbox"/>	ii. Interior Trim			1		
<input type="checkbox"/>	iii. Shelving			1		
<input type="checkbox"/>	iv. Doors			1		
<input type="checkbox"/>	v. Countertops			1		
b. Non-Residential Areas: At Least 50% of Each Material:						
<input type="checkbox"/>	i. Cabinets			0		
<input type="checkbox"/>	ii. Interior Trim			0		
<input type="checkbox"/>	iii. Shelving			0		
<input type="checkbox"/>	iv. Doors			0		
<input type="checkbox"/>	v. Countertops			0		
8. Reduce Formaldehyde in Interior Finish Materials						
Reduce Formaldehyde in Interior Finish Materials (Section 01350) for At Least 50% of Each Material Below:						
a. Residences:						
<input type="checkbox"/>	i. Cabinets			1		
<input type="checkbox"/>	ii. Interior Trim			1		
<input type="checkbox"/>	iii. Shelving			1		
<input type="checkbox"/>	iv. Subfloor			1		
b. Non-Residential Areas:						
<input type="checkbox"/>	i. Cabinets			0		
<input type="checkbox"/>	ii. Interior Trim			0		
<input type="checkbox"/>	iii. Shelving			0		
<input type="checkbox"/>	iv. Subfloor			0		
9. Environmentally Preferable Flooring						
Use Environmentally Preferable Flooring: A) FSC-Certified or Reclaimed Wood, B) Rapidly Renewable Flooring Materials, C) Recycled-Content Ceramic Tiles, D) Exposed Concrete as Finished Floor or E) Recycled-Content Carpet. Note: Flooring Adhesives Must Have <50 gpl VOCs.						
a. Residences:						
<input type="checkbox"/>	i. Minimum 15% of Floor Area			1		
<input type="checkbox"/>	ii. Minimum 30% of Floor Area			1		
<input type="checkbox"/>	iii. Minimum 50% of Floor Area			1		
<input type="checkbox"/>	iv. Minimum 75% of Floor Area			1		
b. Non-Residential Areas:						
<input type="checkbox"/>	i. Minimum 15% of Floor Area			0		
<input type="checkbox"/>	ii. Minimum 30% of Floor Area			0		
<input type="checkbox"/>	iii. Minimum 50% of Floor Area			0		
<input type="checkbox"/>	iv. Minimum 75% of Floor Area			0		
10. Low-Emitting Flooring						
<input type="checkbox"/>	a. Residences: Flooring Meets Section 01350 or CR1 Green Label Plus Requirements (50% Minimum)			1		
<input type="checkbox"/>						

ENTER PROJECT NAME

	Community	Energy	IAQ/Health	Resources	Water
11. Durable Cabinets					
Install Durable Cabinets in All:					
<input type="checkbox"/> a. Residences				1	
<input type="checkbox"/> b. Non-Residential Areas				0	
12. Furniture & Outdoor Play Structures					
<input type="checkbox"/> a. Play Structures & Surfaces Have an Overall Average Recycled Content Greater Than 20%				1	
<input type="checkbox"/> b. Environmentally Preferable Exterior Site Furnishings				1	
<input type="checkbox"/> c. At Least 25% of All newly Supplied Interior Furniture has Environmentally Preferable Attributes			1		
13. Vandalism Deterrence					
<input type="checkbox"/> a. Project Includes Vandalism Resistant Finishes and Strategies	1				

F. OTHER		Possible Points				
1. Incorporate GreenPoint Checklist in Blueprints						
<input type="checkbox"/> a. Required: Incorporate GreenPoint Checklist in Blueprints		R				
2. Operations & Maintenance Manuals						
<input type="checkbox"/> a. Provide O&M Manual to Building Maintenance Staff			1			
<input type="checkbox"/> b. Provide O&M Manual to Occupants			1			1
3. Transit Options						
<input type="checkbox"/> a. Residents Are Offered Free or Discounted Transit Passes		2				
4. Educational Signage						
<input type="checkbox"/> a. Educational Signage Highlighting & Explaining the Project's Green Features is Included		1				
5. Vandalism Management Plan						
<input type="checkbox"/> a. Project Includes a Vandalism Management Plan for Dealing with Disturbances Post-Occupancy		1				
6. Innovation: List innovative measures that meet the green building objectives of the Multifamily Guidelines. Enter up to a 4 Points in each category. Points will be evaluated by local jurisdiction or GreenPoint rater.						
0	Innovation in Community : Enter up to 4 Points at left. Enter description here					
0	Innovation in Energy : Enter up to 4 Points at left. Enter description here					
0	Innovation in IAQ/Health : Enter up to 4 Points at left. Enter description here					
0	Innovation in Resources : Enter up to 4 Points at left. Enter description here					
0	Innovation in Water : Enter up to 4 Points at left. Enter description here					

Summary

Points Achieved from Specific Categories	0	0	0	0	0
Current Point Total	0				

Project has not yet met the recommended minimum requirements

- Total Project Score of At Least 50 Points
- Minimum points in specific categories: Community (6), Energy (30), IAQ/Health (5), Resources (6), Water (3)
- Required measures B.1a, C.10a, and/or F.1a
- Enter Total Conditioned Floor Area and Non-Residential Floor Area of the Project at the Top of this Checklist

LEED for New Construction v2.2 Registered Project Checklist

Project Name:
Project Address:

Yes ? No

Sustainable Sites 14 Points

Y	Prereq	Credit	Description	Points
	Prereq 1		Construction Activity Pollution Prevention	Required
	Credit 1		Site Selection	1
	Credit 2		Development Density & Community Connectivity	1
	Credit 3		Brownfield Redevelopment	1
	Credit 4.1		Alternative Transportation, Public Transportation Access	1
	Credit 4.2		Alternative Transportation, Bicycle Storage & Changing Rooms	1
	Credit 4.3		Alternative Transportation, Low-Emitting & Fuel-Efficient Vehicles	1
	Credit 4.4		Alternative Transportation, Parking Capacity	1
	Credit 5.1		Site Development, Protect or Restore Habitat	1
	Credit 5.2		Site Development, Maximize Open Space	1
	Credit 6.1		Stormwater Design, Quantity Control	1
	Credit 6.2		Stormwater Design, Quality Control	1
	Credit 7.1		Heat Island Effect, Non-Roof	1
	Credit 7.2		Heat Island Effect, Roof	1
	Credit 8		Light Pollution Reduction	1

Yes ? No

Water Efficiency 5 Points

	Credit 1.1		Water Efficient Landscaping, Reduce by 50%	1
	Credit 1.2		Water Efficient Landscaping, No Potable Use or No Irrigation	1
	Credit 2		Innovative Wastewater Technologies	1
	Credit 3.1		Water Use Reduction, 20% Reduction	1
	Credit 3.2		Water Use Reduction, 30% Reduction	1

Energy & Atmosphere 17 Points

Y	Prereq 1		Fundamental Commissioning of the Building Energy Systems	Required
Y	Prereq 2		Minimum Energy Performance	Required
Y	Prereq 3		Fundamental Refrigerant Management	Required

***Note for EAc1:** All LEED for New Construction projects registered after June 26th, 2007 are required to achieve at least two (2) points under EAc1.

	Credit 1		Optimize Energy Performance	1 to 10
			10.5% New Buildings or 3.5% Existing Building Renovations	1
			14% New Buildings or 7% Existing Building Renovations	2
			17.5% New Buildings or 10.5% Existing Building Renovations	3
			21% New Buildings or 14% Existing Building Renovations	4
			24.5% New Buildings or 17.5% Existing Building Renovations	5
			28% New Buildings or 21% Existing Building Renovations	6
			31.5% New Buildings or 24.5% Existing Building Renovations	7
			35% New Buildings or 28% Existing Building Renovations	8
			38.5% New Buildings or 31.5% Existing Building Renovations	9
			42% New Buildings or 35% Existing Building Renovations	10
	Credit 2		On-Site Renewable Energy	1 to 3
			2.5% Renewable Energy	1
			7.5% Renewable Energy	2
			12.5% Renewable Energy	3
	Credit 3		Enhanced Commissioning	1
	Credit 4		Enhanced Refrigerant Management	1
	Credit 5		Measurement & Verification	1
	Credit 6		Green Power	1

Yes ? No

Materials & Resources **13 Points**

Y	?	No				
			Prereq 1	Storage & Collection of Recyclables		Required
			Credit 1.1	Building Reuse, Maintain 75% of Existing Walls, Floors & Roof		1
			Credit 1.2	Building Reuse, Maintain 100% of Existing Walls, Floors & Roof		1
			Credit 1.3	Building Reuse, Maintain 50% of Interior Non-Structural Elements		1
			Credit 2.1	Construction Waste Management, Divert 50% from Disposal		1
			Credit 2.2	Construction Waste Management, Divert 75% from Disposal		1
			Credit 3.1	Materials Reuse, 5%		1
			Credit 3.2	Materials Reuse, 10%		1
			Credit 4.1	Recycled Content, 10% (post-consumer + 1/2 pre-consumer)		1
			Credit 4.2	Recycled Content, 20% (post-consumer + 1/2 pre-consumer)		1
			Credit 5.1	Regional Materials, 10% Extracted, Processed & Manufactured Regiona		1
			Credit 5.2	Regional Materials, 20% Extracted, Processed & Manufactured Regiona		1
			Credit 6	Rapidly Renewable Materials		1
			Credit 7	Certified Wood		1

Yes ? No

Indoor Environmental Quality **15 Points**

Y	?	No				
			Prereq 1	Minimum IAQ Performance		Required
			Prereq 2	Environmental Tobacco Smoke (ETS) Control		Required
			Credit 1	Outdoor Air Delivery Monitoring		1
			Credit 2	Increased Ventilation		1
			Credit 3.1	Construction IAQ Management Plan, During Construction		1
			Credit 3.2	Construction IAQ Management Plan, Before Occupancy		1
			Credit 4.1	Low-Emitting Materials, Adhesives & Sealants		1
			Credit 4.2	Low-Emitting Materials, Paints & Coatings		1
			Credit 4.3	Low-Emitting Materials, Carpet Systems		1
			Credit 4.4	Low-Emitting Materials, Composite Wood & Agrifiber Products		1
			Credit 5	Indoor Chemical & Pollutant Source Control		1
			Credit 6.1	Controllability of Systems, Lighting		1
			Credit 6.2	Controllability of Systems, Thermal Comfort		1
			Credit 7.1	Thermal Comfort, Design		1
			Credit 7.2	Thermal Comfort, Verification		1
			Credit 8.1	Daylight & Views, Daylight 75% of Spaces		1
			Credit 8.2	Daylight & Views, Views for 90% of Spaces		1

Yes ? No

Innovation & Design Process **5 Points**

Y	?	No				
			Credit 1.1	Innovation in Design: Provide Specific Title		1
			Credit 1.2	Innovation in Design: Provide Specific Title		1
			Credit 1.3	Innovation in Design: Provide Specific Title		1
			Credit 1.4	Innovation in Design: Provide Specific Title		1
			Credit 2	LEED[®] Accredited Professional		1

Yes ? No

Project Totals (pre-certification estimates) **69 Points**

Certified: 26-32 points, Silver: 33-38 points, Gold: 39-51 points, Platinum: 52-69 point

