GreenPoint Rated Existing Home Checklist

Build It Green™
Smart Solutions From The Ground Up

A home is only GreenPoint Rated if all features are verified by a Certified GreenPoint Rater through Build It Green. GreenPoint Rated is provided as a public service by Build It Green, a professional non-profit whose mission is to promote healthy, energy and resource efficient buildings in California.

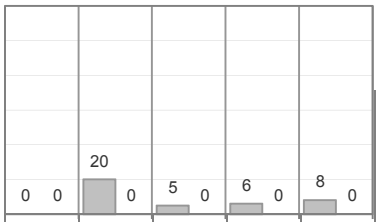
This checklist is used to track projects seeking a Whole House or Elements Label using the GreenPoint Rated Existing Home Rating System. The minimum requirements for each lable are listed in the project summary at the end of this checklist. Selected measures can be awarded points allocated by the percentage of presence of the measure in the home. The measure or practice must be found in at least 10% of the home to earn points.

Column A is a dropdown menue with the options of "Yes", "No", or "TBD" or a range of percentages to allocate points. Select the appropriate dropdown and the apropriate points will appear in the yellow "points acheived" column.

The criteria for the green building practices listed below are described in the GreenPoint Rated Existing Home Rating Manual, available at www.builditgreen.org/greenpointrated

Enter Label: **Whole House**

Points Achieved:



GreenPoint Rated Existing Home Checklist version 2.1

Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water
AA. COMMUNITY			Possible Points				
TBD	**1. Home is Located within 1/2 Mile of a Major Transit Stop**		2				
	2. Compact Development & House Size						
	a. Density of 10 Units per Acre or Greater **(Enter units/acre)**		2			2	
TBD	b. Home Size Efficiency **(5 points is average, points awarded based on home size)**					1--9	
	3. Pedestrian and Bicycle Access/ Alternative Transportation						
	a. Site has Pedestrian Access Within ½ Mile of neighborhood services:						
	TIER 1: 1) Day Care 2) Community Center 3) Public Park						
	4) Drug Store 5) Restaurant 6) School						
	7) Library 8) Farmer's Market 9) After School Programs						
	10) Convenience Store Where Meat & Produce are Sold						
	TIER 2: 1) Bank 2) Place of Worship 3) Laundry/Cleaners						
	4) Hardware 5) Theater/Entertainment 6) Fitness/Gym						
	7) Post Office 8) Senior Care Facility 9) Medical/Dental						
	10) Hair Care 11) Commercial Office of Major Employer 12) Full Supermarket						
TBD	5 Services Listed Above (Tier 2 Services count as 1/2 Service Value)		1				
TBD	10 Services Listed Above (Tier 2 Services count as 1/2 Service Value)		1				
TBD	b. Access to A Dedicated Pedestrian Pathway to Places of Recreational Interest within 1/2 Mile		1				
TBD	c. At Least Two of the Following Traffic-Calming Strategies Installed within 1/4 mile:		1				
	Designated Bicycle Lanes are Present on Roadways;						
	Ten-Foot Vehicle Travel Lanes;						
	Street Crossings Closest to Site are Located Less Than 300 Feet Apart;						
	Streets Have Rumble Strips, Bulbouts, Raised Crosswalks or Refuge Islands						
	4. Safety & Social Gathering						
TBD	a. Front Entrance Has Views from the Inside to Outside Callers		1				
TBD	b. Front Entrance Can be Seen from the Street and/or from Other Front Doors		1				
TBD	c. Porch (min. 100sf) Oriented to Streets and Public Spaces		1				
	5. Diverse Households						
TBD	a. Home Has at Least One Zero-Step Entrance (prerequiste for 5b. And 5c.)		1				
TBD	b. All Main Floor Interior Doors & Passageways Have a Min. 32-Inch Clear Passage Space		1				
TBD	c. Home includes at Least a Half-Bath on the Ground Floor with Blocking for Grab Bars		1				
TBD	d. Lot Includes Full-Function Independent Rental Unit		1				
	Total Points Available in Community = 26						
A. SITE			Possible Points				
TBD	**1. Protect Existing Topsoil from Erosion and Reuse after Construction**		1				1
	2. Divert Construction and Demolition Waste						
TBD	a. Divert All Cardboard, Concrete, Asphalt and Metals **(Required for both Whole House and Elements, if Applicable)**	N				R	
TBD	b. Divert 25% C&D Waste Excluding All Cardboard, Concrete, Asphalt and Metals					2	
TBD	**3. Construction IAQ Management Plan**				2		

Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water
	Total Points Available in Site = 6						
B. FOUNDATION			**Possible Points**				
	1. Replace Portland Cement in Concrete with Recycled Flyash or Slag						
TBD	a. Minimum 20% Flyash and/or Slag Content					1	
TBD	b. Minimum 30% Flyash and/or Slag Content					1	
TBD	**2. Moisture Source Verification and Correction (Required for Whole House)**	N			R	R	
	3. Retrofit Crawl Space to Control Moisture						
TBD	a. Control Ground Moisture with Vapor Barrier				2		
TBD	b. Foundation Drainage System					2	
TBD	**4. Pest Inspection and Correction**					1	
	5. Design and Build Structural Pest Controls						
TBD	a. Install Termite Shields & Separate All Exterior Wood-to-Concrete Connections by Metal or Plastic Fasteners/Dividers					1	
TBD	b. All New Plants Have Trunk, Base, or Stem Located At Least 36 Inches from Foundation					1	
TBD	**6. Radon Testing and Correction or Radon Resistant Construction**				1		
	Total Points Available in Foundation = 10						
C. LANDSCAPE			**Possible Points**				
No	**Is the landscape area <15% of the total site area? (only 3 points available in this section for projects with <15% landscape area)**						
	1. Resource-Efficient Landscapes						
TBD	a. No Invasive Species Listed by Cal-IPC Are Planted						1
TBD	b. No Plant Species Require Shearing					1	
TBD	c. 50% of Plants Are California Natives or Mediterranean Cimate Species						3
TBD	**2. Fire-Safe Landscaping Techniques**		1				
	3. Minimal Turf Areas						
TBD	a. Turf Not Installed on Slopes Exceeding 10% or in Areas Less than 8 Feet Wide						2
TBD	b. Turf is <25% of Landscaped Area						2
TBD	c. Turf is <10% of Landscaped Area or eliminated						2
TBD	**4. Shade Trees Planted**		1	1			1
TBD	**5. Plants Grouped by Water Needs (Hydrozoning)**						2
	6. High-Efficiency Irrigation Systems Installed						
TBD	a. System Uses Only Low-Flow Drip, Bubblers, or Low-flow Sprinklers						2
TBD	b. System Has Smart Controllers						3
TBD	**7. Compost and Recycle Garden Trimmings on Site**						1
TBD	**8. Mulch in All Planting Beds to the Greater of 2 Inches or Local Water Ordinance Requirement**						2
TBD	**9. Use Environmentally Preferable Materials for Non-Plant Landscape Elements and Fencing**					1	
TBD	**10. Light Pollution Reduced by Shielding Fixtures and Directing Light Downward**		1				
	11. Rain Water Harvesting System (1 point for ≤ 350 gallons, 2 points for > 350 gallons)						
TBD	a. Cistern(s) is Less Than 750 Gallons						1
TBD	b. Cistern(s) is 750 to 2,500 Gallons						1
TBD	c. Cistern(s) is Greater Than 2,500 Gallons						1
TBD	**12. Soil Amended with Compost**					1	1
	Total Points Available in Landscape = 32						

Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water
D. STRUCTURAL FRAME & BUILDING ENVELOPE			**Possible Points**				
	1. Optimal Value Engineering						
TBD	a. Place Rafters & Studs at 24-Inch On Center Framing					1	
TBD	b. Size Door & Window Headers for Load					1	
TBD	c. Use Only Jack & Cripple Studs Required for Load					1	
	2. Use Engineered Lumber						
TBD	a. Engineered Beams & Headers					1	
TBD	b. Insulated Headers			1			
TBD	c. Engineered Lumber for Floors					1	
TBD	d. Engineered Lumber for Roof Rafters					1	
TBD	e. Engineered or Finger-Jointed Studs for Vertical Applications					1	
TBD	f. Oriented Strand Board for Sublfoor					1	
TBD	g. Oriented Strand Board Wall and Roof Sheathing					1	
	3. FSC Certified Wood						
TBD	a. Dimensional Lumber, Studs, and Timber					4	
TBD	b. Panel Products					2	
	4. Solid Wall Systems (includes SIPs, ICFs, & Any Non-Stick Frame Assembly)						
TBD	a. Floors			2		2	
TBD	b. Walls			2		2	
TBD	c. Roofs			2		2	
	5. Reduce Pollution Entering the Home from the Garage						
TBD	a Tightly Seal the Air Barrier between Garage and Living Area				1		
TBD	b. Install Garage Exhaust Fan OR Have a Detached Garage				1		
TBD	**6. Energy Heels on Roof Trusses (75% of Attic Insulation Height at Outside Edge of Exterior Wall)**			1			
	7. Overhangs and Gutters						
TBD	a. Minimum 16-Inch Overhangs and Gutters					1	
TBD	b. Minimum 24-Inch Overhangs and Gutters			1			
	8. Retrofit/ Upgrade Structure for Lateral Load Reinforcement for Wind or Seismic						
TBD	a. Partial Lateral Load Reinforcement Upgrades/ Retrofits					1	
TBD	b. Lateral Load Reinforcement Upgrades/ Retrofits for Entire home					2	
TBD	**9. Sound Exterior Assemblies (Required for Whole House)**	N				R	
	Total Points Available in Structural Frame & Building Envelope = 36						
E. EXTERIOR FINISH			**Possible Points**				
TBD	**1. Recycled-Content (No Virgin Plastic) or FSC-Certified Wood Decking**					2	
TBD	**2. Rain Screen Wall System Installed**					2	
TBD	**3. Durable & Noncombustible Cladding Materials**					1	
TBD	**4. Durable & Fire-Resistant Roofing Materials or Assembly**					2	
	Total Points Available in Exterior Finish = 7						
F. INSULATION			**Possible Points**				
	1. Install Insulation with 30% Post-Consumer Recycled Content						
TBD	a. Walls and Floors					1	
TBD	b. Ceilings					1	
	2. Install Insulation that is Low-Emitting (Certified CA Residential Section 01350)						
TBD	a. Walls and Floors				1		
TBD	b. Ceilings				1		
TBD	**3. Inspect Quality of Insulation Installation before Applying Drywall**			1			
	Total Points Available in Insulation = 5						

Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water
G. PLUMBING			**Possible Points**				
	1. Distribute Domestic Hot Water Efficiently						
TBD	a. Insulate All Accessible Hot Water Pipes (prerequisite for 1b. and 1c.)			1			1
TBD	b. Locate Water Heater Within 12' Of All Water Fixtures, as measured in plan			1			1
TBD	c. Install On-Demand Circulation Control Pump			1			1
TBD	**2. High-Efficiency Toilets (Dual-Flush or ≤ 1.28 gpf)**						2
	3. Water Efficient Fixtures						
TBD	a. All Fixtures Meet Federal Energy Policy Act (Toilets: 1.6 gpf, Sinks: 2.2 gpm, Showers: 2.5 gpm) **(Required For Whole House)**	N					R
TBD	b. High-Efficiency Showerheads Use ≤ 2.0 gpm at 80 psi						3
TBD	c. Bathroom Faucets Use ≤ 1.5 gpm			1			1
TBD	**4. Plumbing Survey (No Plumbing Leaks) (Required for Whole House and Elements)**	N					R
	Total Points Available in Plumbing = 13						
H. HEATING, VENTILATION & AIR CONDITIONING			**Possible Points**				
	1. General HVAC Equipment Verification and Correction						
TBD	a. Visual Survey of Installation of HVAC Equipment **(Required for Whole House and Elements)**	N		R			
TBD	b. Conduct Diagnostic Testing to Evaluate System			2			
TBD	c. Conduct Flow Hood Test and Assess Delivery of Air			1			
TBD	d. Air Conditioning Compressor Operates Properly and Refrigerant Charge is Optimal			1			
TBD	**2. Design and Install HVAC System to ACCA Manuals J, D and S**			4			
	3. Sealed Combustion Units						
TBD	a. Furnaces				2		
TBD	b.Water heaters				2		
TBD	**4. Zoned, Hydronic Radiant Heating**			1	1		
TBD	**5. High Efficiency Air Conditioning Air conditioning with Environmentally Responsible Refrigerants**		1				
	6. Effective Ductwork Installation						
TBD	a. New Ductwork and HVAC unit Installed Within Conditioned Space			1			
TBD	b. Duct Mastic Used on All Ducts, Joints and Seams			1			
TBD	c. Ductwork System is Pressure Relieved			1			
TBD	**7. High Efficiency HVAC Filter (MERV 6+)**				1		
TBD	**8. No Fireplace OR Sealed Gas Fireplaces with Efficiency Rating ≥60% using CSA Standards**				1		
	9. Effective Exhaust Systems Installed in Bathrooms and Kitchens						
TBD	a. ENERGY STAR Bathroom Fans Vented to the Outside				1		
TBD	b. All Bathroom Fans are on Timer or Humidistat				1		
TBD	c. Kitchen Range Hood Vented to the Outside				1		
	10. Mechanical Ventilation System for Cooling Installed						
TBD	a. ENERGY STAR Ceiling Fans & Light Kits in Living Areas & Bedrooms			1			
TBD	b. Whole House Fan			1			
	11. Mechanical Ventilation for Fresh Air Installed						
TBD	a. Compliance with ASHRAE 62.2 Mechanical Ventilation Standards (as adopted in Title 24 Part 6)				1		
TBD	b. Advanced Ventilation Practices (Continuous Operation, Sone Limit, Minimum Efficiency, Minimum Ventilation Rate, Homeowner Instructions)				1		
TBD	c. Outdoor Air Ducted to Bedroom and Living Areas of Home			1	1		
	12. Carbon Monoxide						
TBD	a. Carbon Monoxide Testing and Correction **(Required for Whole House)**	N			R		
TBD	b. Carbon Monoxide Alarm(s) Installed				1		
TBD	**13. Combustion Safety Backdraft Test (Required for Whole House and Elements)**	N			R		
	Total Points Available in Heating, Ventilation and Air Conditioning = 30						
I. RENEWABLE ENERGY			**Possible Points**				
	1. Offset Energy Consumption with Onsite Renewable Generation (Solar PV, Solar Thermal, Wind) Enter % total energy consumption offset, 1 point per 4% offset			25			
	Total Points Available in Renewable Energy = 25						

Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water
J. BUILDING PERFORMANCE			**Possible Points**				
TBD	**1. Energy Survey and Education (Required for Elements or Meet J3)**	N		R			
	2. Energy Upgrades (Available for Elements Rating Only, Mutually Exclusive with J3. 2 point minimum and 6 point maximum credit required)						
	TIER 1: Practices in Tier 1 Are Worth Full Value (1 point)						
TBD	a) Attic Insulation up to or Exceeding Current Code			1			
TBD	b) Crawl Space Insulation up to or Exceeding Current Code			1			
TBD	c) Wall Insulation up to or Exceeding Current Code			1			
TBD	d) High Efficiency Furnace (90% AFUE Minimum)			1			
TBD	e) Seal Ducts and Duct Leakage is <15%			1			
TBD	f) 14 SEER, 11.5 EER Air Conditioning Unit (in climate zones 2,4,8-15)			1			
TBD	g) House Passes Blower Door Test With ≤0.5 ACH or a 50% Improvement			1			
	TIER 2: Practices in Tier 2 Are Worth Half Value (0.5 points)						
TBD	h) High Efficiency Water Heater ≥.62EF			0.5			
TBD	i) Radiant Barrier in Attic			0.5			
TBD	j) Windows Upgraded to Current Code Requirements, Which are Typically Dual Pane			0.5			
TBD	k) Duct insulation to Code			0.5			
TBD	l) Programmable Thermostat			0.5			
TBD	m) 14 SEER, 11.5 EER Air Conditioning unit (in climate zones 1,3,5,6,7,16)			0.5			
	3. Meet Energy Budget for Home Based on Year (Based GreenPoint Rated Index, Includes Blower Door Test) (Required for Whole House, Available for Elements)			10+			
TBD	**4. Design and Build Zero Energy Homes**			5			
TBD	**5. Comprehensive Utility Bill Analysis**			1			
	Total Points Available in Building Performance = 16+						
K. FINISHES			**Possible Points**				
TBD	**1. Entryways Designed to Reduce Tracked in Contaminants**				1		
	2. Low/No-VOC Paint						
TBD	a. Low-VOC Interior Wall/Ceiling Paints (<50 gpl VOCs regardless of sheen)				1		
TBD	b. Zero-VOC: Interior Wall/Ceiling Paints (<5 gpl VOCs (flat))				2		
TBD	**3. Coatings Meet SCAQMD Rule 1113 for Low VOCs**				2		
TBD	**4. Low-VOC Caulks & Construction Adhesives (Meet SCAQMD Rule 1168)**				2		
TBD	**5. Recycled-Content Paint**					1	
	6. Environmentally Preferable Materials for Interior Finish: A) FSC Certified Wood B) Reclaimed Materials C) Rapidly Renewable D) Recycled-Content E) Finger-Jointed or F) Local						
TBD	a. Cabinets					1	
TBD	b. Interior Trim					1	
TBD	c. Shelving					1	
TBD	d. Doors					1	
TBD	e. Countertops					1	
TBD	**7. For Newly Installed Products, Reduce Formaldehyde in Interior Finish – Meet Current CARB Airborne Toxic Control Measure (ATCM) for Composite Wood Formaldehyde Limits by Mandatory Compliance Dates (Required for Whole Building & Elements) (EPA IAP)**	N			R		
	8. Reduce Formaldehyde in Interior Finish - Exceed Current CARB ATCM for Composite Wood Formaldehyde Limits Prior to Mandatory Compliance Dates						
TBD	a. Doors				1		
TBD	b. Cabinets and Countertops				2		
TBD	c. Interior Trim and Shelving				1		
TBD	**9. After Installation of Finishes, Test of Indoor Air Shows Formaldehyde Level <27ppb**				3		
	Total Points Available in Finishes = 21						
L. FLOORING			**Possible Points**				
TBD	**1. Environmentally Preferable Flooring: A) FSC-Certified Wood B) Reclaimed or Refinished C) Rapidly Renewable D) Recycled-Content, E) Exposed Concrete F) Local** ***Flooring Adhesives Must Have <70 gpl VOCs and sealer must meet SCAQMD Rule 1113.***					4	
TBD	**2. Thermal Mass Floors**			1			
TBD	**3. Flooring Meets CA Section 01350 or CRI Green Label Plus Requirements**				2		
	Total Points Available in Flooring = 7						

Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water
M. APPLIANCES AND LIGHTING			**Possible Points**				
TBD	**1. ENERGY STAR Dishwasher (Must Meet Current Specifications) (Mutually Exclusive with J3)**			1			1
	2. ENERGY STAR Clothes Washing Machine with Water Factor of 6 or Less						
TBD	a. Meets CEE Tier 2 Requirements (Modified Energy Factor 2.0, Water Factor 6.0)			1			2
TBD	b. Meets CEE Tier 3 Requirements (Modified Energy Factor 2.2, Water Factor 4.5)						2
	3. ENERGY STAR Refrigerator Installed						
TBD	a. ENERGY STAR Qualified & < 25 cu.ft.Capacity **(Mutually Exclusive with J3)**			1			
TBD	b. ENERGY STAR Qualified & < 20 cu.ft Capacity **(Mutually Exclusive with J3)**			1			
	4. Built-In Recycling & Composting Center						
TBD	a. Built-In Recycling Center					2	
TBD	b. Built-In Composting Center					1	
TBD	**5. Electrical Survey (Required for Whole House)**	N				R	
TBD	**6. Verification of Entire Electrical System**					2	
TBD	**7. Energy Efficient Lighting**			1			
TBD	**8.Low- Mercury Lamps (Linear and Compact Flourescent)**					1	
TBD	**9. Lighting Controls Installed**			1			
	Total Points Available in Appliances and Lighting = 13+						
N. OTHER			**Possible Points**				
TBD	**1. Incorporate GreenPoint Checklist in Blueprints Or Distribute Checklist (Required for Whole House and Elements)**	N		R			
TBD	**2. Develop Homeowner Manual of Green Features/Benefits**			1			1
	3. Hazardous Waste Testing						
TBD	a. Lead Testing Interior, Exterior and Soil				1		
TBD	b. Asbestos Testing and Remediation				1		
TBD	**4. Gas Shut Off Valve (motion/ non-motion)**				1	1	
	Total Points Available in Other = 6						
P. INNOVATIONS			**Possible Points**				
	AA. Community: No Innovation Measures At This Time						
	A. Site						
TBD	1. Cool Site		1				
	B. Foundation: No Innovation Measures At This Time						
	C. Landscaping						
TBD	1. Irrigation System Uses Recycled Wastewater						1
	D. Structural Frame and Building Envelope						
	1. Design, Build and Maintain Structural Pest and Rot Controls						
TBD	a. Locate All Wood (Siding, Trim, Structure) At Least 12 Inches Above Soil					1	
TBD	b. All Wood Framing 3 Feet from the Foundation is Treated with Borates (or Use Factory-Impregnated Materials) OR Walls are Not Made of Wood				1		
TBD	2. Use Moisture Resistant Materials and Practices in Wet Areas of Kitchen, Bathrooms, Utility Rooms, and Basements				1		
	3. Use FSC-Certified Engineered Lumber						
TBD	a. Engineered Beams and Headers					1	
TBD	b. Insulated Engineered Headers					1	
TBD	c. Wood I-Joists or Web Trusses for Floors					1	
TBD	d. Wood I-Joists for Roof Rafters					1	
TBD	e. Engineered or Finger-Jointed Studs for Vertical Applications					1	
TBD	f. Roof Trusses					1	
	E. Exterior Finish						
TBD	1. Green Roofs (25% or Roof Area Minimum)		2	2			

Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water
	F. Insulation: No Innovation Measures At This Time						
	G. Plumbing						
TBD	1. Graywater Pre-Plumbing (Includes Clothes Washer at Minimum)						1
TBD	2. Graywater System Operational (Includes Clothes Washer at Minimum)						2
TBD	3. Innovative Wastewater Technology (Constructed Wetland, Sand Filter, Aerobic System)						1
TBD	4. Composting or Waterless Toilet						1
TBD	5. Install Drain Water Heat-Recovery System			1			
	H. Heating, Ventilation and Air Conditioning (HVAC)						
TBD	1. Humidity Control Systems (Only in California Humid/Marine Climate Zones 1,3,5,6,7)				1		
	I. Renewable Energy: No Innovation Measures At This Time						
	J. Building Performance						
TBD	1. Test Total Supply Air Flow Rates			1			
TBD	2. Energy Budget Analysis (J3) Completed By CEPE			1			
	K. Finishes: No Innovation Measures At This Time.						
	L. Flooring: No Innovation Measures At This Time.						
	M. Appliances: No Innovation Measures At This Time.						
	N. Other						
TBD	1. Homebuilder's Management Staff Are Certified Green Building Professionals		1				
TBD	2. Comprehensive Owner's Manual and Homeowner Education Walkthroughs		1				
	3. Additional Innovations: List innovative measures that meet green building objectives. Points will be assessed by Build It Green and the GreenPoint Rater.						
TBD	a. Describe Innovation Here and Enter Possible Points in Columns L-P						
TBD	b. Describe Innovation Here and Enter Possible Points in Columns L-P						
TBD	c. Describe Innovation Here and Enter Possible Points in Columns L-P						
TBD	d. Describe Innovation Here and Enter Possible Points in Columns L-P						
TBD	e. Describe Innovation Here and Enter Possible Points in Columns L-P						
TBD	f. Describe Innovation Here and Enter Possible Points in Columns L-P						
TBD	g. Describe Innovation Here and Enter Possible Points in Columns L-P						
TBD	h. Describe Innovation Here and Enter Possible Points in Columns L-P						
	Total Points Available in Innovation = 26+						

Summary

Total Available Points	224+	25	83	46	76	47
Minimum Points Required (Whole House)	50		20	5	6	8
Minimum Points Required (Elements)	25		8	2	2	4
Total Points Achieved						

GreenPoint Rated Checklist: Single Family

The GreenPoint Rated checklist tracks green features incorporated into the home. **A home is only GreenPoint Rated if all features are verified by a Certified GreenPoint Rater through Build It Green**.
GreenPoint Rated is provided as a public service by Build It Green, a professional non-profit whose mission is to promote healthy, energy and resource efficient buildings in California.
The minimum requirements of GreenPoint Rated are: verification of 50 or more points; Earn the following minimum points per category: Energy (30), Indoor Air Quality/Health (5), Resources (6), and Water (9); and meet the prerequisites A.2.a, H10a., J.2., N.1, and Q0.

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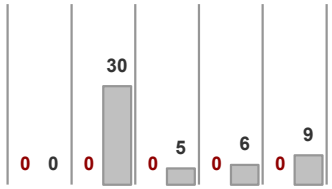
Total Points Targeted: **0**

This checklist accommodates the verification of mandatory CALGreen measures but does not signify compliance unless accepted by enforcing agency. All CALGreen measures within the checklist must be selected as "Yes" or "n/a" for compliance with GreenPoint Rated. Build It Green is not a code enforcement agency.

The criteria for the green building practices listed below are described in the GreenPoint Rated Single Family Rating Manual. For more information please visit **www.builditgreen.org/greenpointrated**



Single Family New Home 4.2 / 2008 Title 24

Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
A. SITE			Possible Points					
	1. Protect Topsoil and Minimize Disruption of Existing Plants & Trees							
TBD	a. Protect Topsoil and Reuse after Construction	0	1				1	
TBD	b. Limit and Delineate Construction Footprint for Maximum Protection	0					1	
	2. Divert/Recycle Job Site Construction Waste (Including Green Waste and Existing Structures)							
TBD	a. Required: Divert 50% (by weight) of All Construction and Demolition Waste (Recycling or Reuse) (CALGreen Code)	N				R		
TBD	b. Divert 100% of Asphalt and Concrete and 65% (by weight) of Remaining Materials	0				2		
TBD	c. Divert 100% of Asphalt and Concrete and 80% (by weight) of Remaining Materials	0				2		
	3. Use Recycled Content Aggregate (Minimum 25%)							
TBD	a. Walkway and Driveway Base	0				1		
TBD	b. Roadway Base	0				1		
TBD	**4. Cool Site: Reduce Heat Island Effect On Site**	0	1					
	5. Construction Environmental Quality Management Plan, Duct Sealing, and Pre-Occupancy Flush-Out [*This credit is a requirement associated with J4: EPA IAP]							
TBD	a. Duct openings and other related air distribution component openings shall be covered during construction. (CALGreen code if applicable)	0			1			
TBD	b. Full environmental quality management plan and pre-occupancy flush out is conducted (Prerequisite is A5a)	0			1			
	Total Points Available in Site = 12	**0**						
B. FOUNDATION			Possible Points					

Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
TBD	**1. Replace Portland Cement in Concrete with Recycled Fly Ash and/or Slag (Minimum 20%)**	0				2		
TBD	**2. Use Frost-Protected Shallow Foundation in Cold Areas (CEC Climate Zone 16)**	0				2		
TBD	**3. Use Radon Resistant Construction** [*This credit is a requirement associated with J4: EPA IAP]	0			2			
TBD	**4. Install a Foundation Drainage System** [*This credit is a requirement associated with J4: EPA IAP]	0				2		
TBD	**5. Moisture Controlled Crawlspace** [*This credit is a requirement associated with J4: EPA IAP]	0			2			
	6. Design and Build Structural Pest Controls							
TBD	a. Install Termite Shields & Separate All Exterior Wood-to-Concrete Connections	0				1		
TBD	b. All Plants Have Trunk, Base, or Stem Located At Least 36 Inches from Foundation	0				1		
	Total Points Available in Foundation = 12	**0**						
C. LANDSCAPE			Possible Points					
0%	*Enter in the % of landscape area. (Projects with less than 15% of the total site area (i.e. total lot size) as landscape area are capped at 6 points for the following measures: C1 through C7 and C9 through C11.*							
TBD	**1. Group Plants by Water Needs (Hydrozoning)**	0					2	
TBD	**2. Mulch All Planting Beds to the Greater of 3 Inches or Local Water Ordinance Requirement**	0					2	
	3. Construct Resource-Efficient Landscapes							
TBD	a. No Invasive Species Listed by Cal-IPC Are Planted	0					1	
TBD	b. No Plant Species Will Require Shearing	0				1		
TBD	c. 75% of Plants Are Drought Tolerant, California Natives or Mediterranean Species or Other Appropriate Species	0					3	
	4. Minimize Turf in Landscape Installed by Builder							
TBD	a. Turf Shall Not Be Installed on Slopes Exceeding 10% and No Overhead Sprinklers Installed in Areas Less than 8 Feet Wide	0					2	
TBD	b. Turf is Small Percentage of Landscaped Area (2 Points for ≤25%, 4 Points for ≤10%)	0					4	
TBD	**5. Plant Shade Trees**	0	1	1			1	
	6. Install High-Efficiency Irrigation Systems							
TBD	a. System Uses Only Low-Flow Drip, Bubblers, or Sprinklers	0					2	
TBD	b. System Has Smart (Weather-Based) Controller (CALGreen code if applicable)	0					3	
TBD	**7. Incorporate Two Inches of Compost in the Top 6 to 12 Inches of Soil**	0					3	
	8. Rain Water Harvesting System							
TBD	a. Cistern(s) is Less Than 750 Gallons	0					1	
TBD	b. Cistern(s) is 750 to 2,500 Gallons	0					1	
TBD	c. Cistern(s) is Greater Than 2,500 Gallons	0					1	
TBD	**9. Irrigation System Uses Recycled Wastewater**	0					1	
TBD	**10. Submetering for Landscape Irrigation**	0					1	
	11. Design Landscape to Meet Water Budget							
TBD	a. Install Irrigation System That Will Be Operated at ≤70% Reference ET (Prerequisites for Credit are C1. and C2.)	0					1	

Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
TBD	b. Install Irrigation System That Will Be Operated at ≤50% Reference ET (Prerequisites for Credit are C1, C2, and C6a or C6b.)	0					1	
TBD	**12. Use Environmentally Preferable Materials for 70% of Non-Plant Landscape Elements and Fencing** A) FSC-Certified Wood, B) Reclaimed, C) Rapidly Renewable, D) Recycled-Content E) Finger-Jointed or F) Local	0				1		
TBD	**13. Reduce Light Pollution by Shielding Fixtures and Directing Light Downward**	0	1					
	Total Points Available in Landscape = 35	**0**						
D. STRUCTURAL FRAME & BUILDING ENVELOPE			Possible Points					
	1. Apply Optimal Value Engineering							
TBD	a. Place Joists, Rafters and Studs at 24-Inch On Center	0				3		
TBD	b. Door and Window Headers are Sized for Load	0				1		
TBD	c. Use Only Cripple Studs Required for Load	0				1		
	2. Construction Material Efficiencies							
TBD	a. Wall and Floor Assemblies (Excluding Solid Wall Assemblies) are Delivered Panelized from Supplier (Minimum of 80% Square Feet)	0				2		
TBD	b. Modular Components Are Delivered Assembled to the Project (Minimum 25%)	0				6		
	3. Use Engineered Lumber							
TBD	a. Engineered Beams and Headers	0				1		
TBD	b. Wood I-Joists or Web Trusses for Floors	0				1		
TBD	c. Engineered Lumber for Roof Rafters	0				1		
TBD	d. Engineered or Finger-Jointed Studs for Vertical Applications	0				1		
TBD	e. Oriented Strand Board for Subfloor	0				1		
TBD	f. Oriented Strand Board for Wall and Roof Sheathing	0				1		
TBD	**4. Insulated Headers**	0		1				
	5. Use FSC-Certified Wood							
TBD	a. Dimensional Lumber, Studs and Timber (Minimum 40%)	0				6		
TBD	b. Panel Products (Minimum 40%)	0				3		
	6. Use Solid Wall Systems (Includes SIPS, ICFs, & Any Non-Stick Frame Assembly)							
TBD	a. Floors	0				2		
TBD	b. Walls	0				2		
TBD	c. Roofs	0				1		
TBD	**7. Energy Heels on Roof Trusses** (75% of Attic Insulation Height at Outside Edge of Exterior Wall)	0		1				
	8. Install Overhangs and Gutters							
TBD	a. Minimum 16-Inch Overhangs and Gutters	0				1		
TBD	b. Minimum 24-Inch Overhangs and Gutters	0		1				
	9. Reduce Pollution Entering the Home from the Garage [*This credit is a requirement associated with J4: EPA IAP]							
TBD	a. Install Garage Exhaust Fan OR Build a Detached Garage	0			1			
TBD	b. Tightly Seal the Air Barrier between Garage and Living Area (Performance Test Required)	0			1			
	Total Points Available in Structural Frame and Building Envelope = 39	**0**						

Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
E. EXTERIOR			Possible Points					
TBD	**1. Use Environmentally Preferable Decking**	0				2		
TBD	**2. Flashing Installation Techniques Specified and Third-Party Verified** [*This credit is a requirement associated with J4: EPA IAP]	0				1		
TBD	**3. Install a Rain Screen Wall System**	0				2		
TBD	**4. Use Durable and Non-Combustible Siding Materials**	0				1		
TBD	**5. Use Durable and Fire Resistant Roofing Materials or Assembly**	0				2		
	Total Points Available in Exterior = 8	**0**						
F. INSULATION			Possible Points					
	1. Install Insulation with 75% Recycled Content							
TBD	a. Walls	0				1		
TBD	b. Ceilings	0				1		
TBD	c. Floors	0				1		
	Total Points Available in Insulation = 3	**0**						
G. PLUMBING			Possible Points					
	1. Distribute Domestic Hot Water Efficiently (Max. 5 points, G1a. is a Prerequisite for G1b-e)							
TBD	a. Insulate All Hot Water Pipes [*This credit is a requirement associated with J4: EPA IAP]	0		1			1	
TBD	b. Use Engineered Parallel Plumbing	0					1	
TBD	c. Use Engineered Parallel Plumbing with Demand Controlled Circulation Loop(s)	0					1	
TBD	d. Use Traditional Trunk, Branch and Twig Plumbing with Demand Controlled Circulation Loop(s)	0		1			2	
TBD	e. Use Central Core Plumbing	0		1		1	1	
	2. Water Efficient Fixtures							
TBD	a. High Efficiency Showerheads ≤2.0 Gallons Per Minute (gpm) at 80 psi. (Multiple showerheads shall not exceed maximum flow rates) (CALGreen code if applicable)	0					3	
TBD	b. High Efficiency Bathroom Faucets ≤ 1.5 gpm at 60psi (CALGreen code)	0					1	
TBD	c. High Efficiency Kitchen and Utility Faucets ≤1.8 gpm (CALGreen code if applicable)	0					1	
TBD	**3. Install Only High Efficiency Toilets (Dual-Flush or ≤1.28 Gallons Per Flush (gpf)) (CALGreen code if applicable)**	0					2	
	Total Points Available in Plumbing = 12	**0**						
H. HEATING, VENTILATION & AIR CONDITIONING			Possible Points					
	1. Properly Design HVAC System and Perform Diagnostic Testing							
TBD	a. Design and Install HVAC System to ACCA Manual J, D, and S Recommendations (CALGreen code if applicable) [*This credit is a requirement associated with J4: EPA IAP]	0		4				
TBD	b. Test Total Supply Air Flow Rates [*This credit is a requirement associated with J4: EPA IAP]	0		1				
TBD	c. Third Party Testing of Mechanical Ventilation Rates for IAQ (meet ASHRAE 62.2)	0		1				
	2. Install Sealed Combustion Units [*This credit is a requirement associated with J4: EPA IAP]							
TBD	a. Furnaces	0			2			
TBD	b. Water Heaters	0			2			
TBD	**3. Install High Performing Zoned Hydronic Radiant Heating**	0		1	1			

Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
TBD	**4. Install High Efficiency Air Conditioning with Environmentally Preferable Refrigerants**	0	1					
	5. Design and Install Effective Ductwork							
TBD	a. Install HVAC Unit and Ductwork within Conditioned Space	0		1				
TBD	b. Use Duct Mastic on All Duct Joints and Seams [*This credit is a requirement associated with J4: EPA IAP]	0		1				
TBD	c. Pressure Relieve the Ductwork System [*This credit is a requirement associated with J4: EPA IAP]	0		1				
TBD	**6. Install High Efficiency HVAC Filter (MERV 6+)** [*This credit is a requirement associated with J4: EPA IAP]	0			1			
TBD	**7. No Fireplace OR Install Sealed Gas Fireplace(s) with Efficiency Rating >60% using CSA Standards** [*This credit is a requirement associated with J4: EPA IAP]	0			1			
TBD	**8. Install ENERGY STAR Bathroom Fans on Timer or Humidistat (CALGreen code if applicable)**	0			1			
	9. Install Mechanical Ventilation System for Cooling (Max. 4 Points)							
TBD	a. Install ENERGY STAR Ceiling Fans & Light Kits in Living Areas & All Bedrooms	0		1				
TBD	b. Install Whole House Fan (Credit Not Available if H9c Chosen) (CALGreen code if applicable)	0		1				
TBD	c. Automatically Controlled Integrated System with Variable Speed Control	0		3				
	10. Advanced Mechanical Ventilation for IAQ							
TBD	a. ***Required:*** Compliance with ASHRAE 62.2 Mechanical Ventilation Standards (as adopted in Title 24 Part 6) [*This credit is a requirement associated with J4: EPA IAP]	N			R			
TBD	b. Advanced Ventilation Practices (Continuous Operation, Sone Limit, Minimum Efficiency, Minimum Ventilation Rate, Homeowner Instructions)	0			1			
TBD	c. Outdoor Air Ducted to Bedroom and Living Areas of Home	0			2			
TBD	**11. Install Carbon Monoxide Alarm(s)** (or No Combustion Appliances in Living Space and No Attached Garage) [*This credit is a requirement associated with J4: EPA IAP]	0			1			
	Total Points Available in Heating, Ventilation and Air Conditioning = 27	**0**						
I. RENEWABLE ENERGY			Possible Points					
TBD	**1. Pre-Plumb for Solar Water Heating**	0				1		
TBD	**2. Install Wiring Conduit for Future Photovoltaic Installation & Provide 200 ft^2 of South-Facing Roof**	0				1		
0.0%	**3. Offset Energy Consumption with Onsite Renewable Generation (Solar PV, Solar Thermal, Wind)** *Enter % total energy consumption offset, 1 point per 4% offset*	0		25				
	Total Available Points in Renewable Energy = 27	**0**						
J. BUILDING PERFORMANCE			Possible Points					
	1. Building Envelope Diagnostic Evaluations							
TBD	a. Verify Quality of Insulation Installation & Thermal Bypass Checklist before Drywall [*This credit is a requirement associated with J4: EPA IAP]	0		1				
TBD	b. House Passes Blower Door Test [*This credit is a requirement associated with J4: EPA IAP]	0		1				

Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
TBD	c. Blower Door Results are Max 2.5 ACH_{50} for Unbalanced Systems (Supply or Exhaust) or Max 1.0 ACH_{50} for Balanced Systems (2 Total Points for J1b. and J1c.)	0		1				
TBD	d. House Passes Combustion Safety Backdraft Test	0			1			
0%	**2. *Required:* Building Performance Exceeds Title 24 (Minimum 15%)** *(Enter the Percent Better Than Title 24, Points for Every 1% Better Than Title 24)*	**0**		**≥30**				
TBD	**3. Design and Build Near Zero Energy Homes** *(Enter number of points, minimum of 2 and maximum of 6 points)*	0		6				
TBD	**4. Obtain EPA Indoor airPlus Certification** *(Total 42 points, not including Title 24 performance; read comment)*	0			2			
TBD	**5. Title 24 Prepared and Signed by a CABEC Certified Energy Plans Examiner (CEPE)**	0		1				
	6. Participation in Utility Program with Third Party Plan Review							
TBD	a. Energy Efficiency Program [*This credit is a requirement associated with J4: EPA IAP]	0		1				
TBD	b. Renewable Energy Program with Min. 30% Better Than Title 24 (High Performing Home)	0		1				
	Total Available Points in Building Performance = 45+	**0**						
K. FINISHES			Possible Points					
TBD	**1. Design Entryways to Reduce Tracked-In Contaminants**	0			1			
	2. Use Low-VOC or Zero-VOC Paint (Maximum 3 Points)							
TBD	a. Low-VOC Interior Wall/Ceiling Paints (CALGreen code if applicable) (<50 Grams Per Liter (gpl) VOCs Regardless of Sheen) [*This credit is a requirement associated with J4: EPA IAP]	0			1			
TBD	b. Zero-VOC: Interior Wall/Ceiling Paints (<5 gpl VOCs Regardless of Sheen)	0			2			
TBD	**3. Use Low-VOC Coatings that Meet SCAQMD Rule 1113 (CALGreen code if applicable) [*This credit is a requirement associated with J4: EPA IAP]**	0			2			
TBD	**4. Use Low-VOC Caulks, Construction Adhesives and Sealants that Meet SCAQMD Rule 1168 (CALGreen code if applicable)**	0			2			
TBD	**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 F) Local							
TBD	a. Cabinets (50% Minimum)	0				3		
TBD	b. Interior Trim (50% Minimum)	0				2		
TBD	c. Shelving (50% Minimum)	0				2		
TBD	d. Doors (50% Minimum)	0				2		
TBD	e. Countertops (50% Minimum)	0				2		
TBD	**7. Reduce Formaldehyde in Interior Finish – Meet Current CARB Airborne Toxic Control Measure (ATCM) for Composite Wood Formaldehyde Limits by Mandatory Compliance Dates (CALGreen code if applicable)** [*This credit is a requirement associated with J4: EPA IAP]	N			0			

Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
	8. Reduce Formaldehyde in Interior Finish - Exceed Current CARB ATCM for Composite Wood Formaldehyde Limits Prior to Mandatory Compliance Dates							
TBD	a. Doors (90% Minimum)	0			1			
TBD	b. Cabinets & Countertops (90% Minimum)	0			2			
TBD	c. Interior Trim and Shelving (90% Minimum)	0			1			
TBD	**9. After Installation of Finishes, Test of Indoor Air Shows Formaldehyde Level <27ppb**	0			3			
	Total Available Points in Finishes = 27	**0**						
L. FLOORING			Possible Points					
TBD	**1. Use Environmentally Preferable Flooring (Minimum 15% Floor Area)** A) FSC-Certified Wood, B) Reclaimed or Refinished, C) Rapidly Renewable, D) Recycled-Content, E) Exposed Concrete, F) Local. *Flooring Adhesives Must Meet SCAQMD Rule 1168 for VOCs.*	0				4		
TBD	**2. Thermal Mass Floors (Minimum 50%)**	0		1				
TBD	**3. Low Emitting Flooring (Section 01350, CRI Green Label Plus, Floorscore** [*This credit is a requirement associated with J4: EPA IAP]	0			3			
TBD	**4. All carpet and 50% of Resilient Flooring is low emitting. (CALGreen code if applicable)**	N						
	Total Available Points in Flooring = 8	**0**						
M. APPLIANCES AND LIGHTING			Possible Points					
TBD	**1. Install ENERGY STAR Dishwasher (Must Meet Current Specifications)**	0		1			1	
	2. Install ENERGY STAR Clothes Washer							
TBD	a. Meets ENERGY STAR and CEE Tier 2 Requirements (Modified Energy Factor 2.0, Water Factor 6.0 or less)	0		1			2	
TBD	b. Meets ENERGY STAR and CEE Tier 3 Requirements (Modified Energy Factor 2.2, Water Factor 4.5 or less)	0					2	
	3. Install ENERGY STAR Refrigerator							
TBD	a. ENERGY STAR Qualified & < 25 Cubic Feet Capacity	0		1				
TBD	b. ENERGY STAR Qualified & < 20 Cubic Feet Capacity	0		1				
	4. Install Built-In Recycling Center or Composting Center							
TBD	a. Built-In Recycling Center	0				1		
TBD	b. Built-In Composting Center	0				1		
	5. Install High-Efficacy Lighting and Design Lighting System							
TBD	a. Install High-Efficacy Lighting	0		1				
TBD	b. Install a Lighting System to IESNA Footcandle Standards or Hire Lighting Consultant	0		1				
	Total Available Points in Appliances and Lighting = 13	**0**						
N. OTHER			Possible Points					
TBD	**1. *Required:* Incorporate GreenPoint Rated Checklist in Blueprints** [*This credit is a requirement associated with J4: EPA IAP]	**N**				**R**		
TBD	**2. Pre-Construction Kick-Off Meeting with Rater and Subs**	0	1					
TBD	**3. Homebuilder's Management Staff are Certified Green Building Professionals**	0	1					

Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
	4. Develop Homeowner Education							
TBD	a. Develop Homeowner Manual of Green Features/Benefits (CALGreen code if applicable) [*This credit is a requirement associated with J4: EPA IAP]	0		1			1	
TBD	b. Conduct Educational Walkthroughs (Prerequisite is N4a) [*This credit is a requirement associated with J4: EPA IAP]	0			1			
TBD	**5. Install a Home System Monitor OR Participate in a Time-of-Use Pricing Program**	0		1				
	Total Available Points in Other = 6	0						
O. COMMUNITY DESIGN & PLANNING			Possible Points					
	1. Develop Infill Sites							
TBD	a. Project is an Urban Infill Development	0	1			1		
TBD	b. Home(s)/Development is Located within 1/2 Mile of a Major Transit Stop	0	2					
TBD	**2. Build on Designated Brownfield Site**	0	3					
	3. Cluster Homes & Keep Size in Check							
TBD	a. Cluster Homes for Land Preservation	0	1			1		
TBD	b. Conserve Resources by Increasing Density (10 Units per Acre or Greater)	0	2			2		
	c. Home Size Efficiency	0				9		
	i. Enter Average Unit Square Footage							
	ii. Enter Average Number of Bedrooms/Unit							
	4. Design for Walking & Bicycling							
	a. Site Has Pedestrian Access Within 1/2 Mile of Community Services: TIER 1: Enter Number of Services Within 1/2 Mile 1) Day Care 2) Community Center 3) Public Park 4) Drug Store 5) Restaurant 6) School 7) Library 8) Farmer's Market 9) After School Programs 10) Convenience Store Where Meat & Produce are Sold							
	TIER 2: Enter Number of Services Within 1/2 Mile 1) Bank 2) Place of Worship 3) Laundry/Cleaners 4) Hardware 5) Theater/Entertainment 6) Fitness/Gym 7) Post Office 8) Senior Care Facility 9) Medical/Dental 10) Hair Care 11) Commercial Office or Major Employer 12) Full Scale Supermarket							
	i. 5 Services Listed Above (Tier 2 Services Count as 1/2 Service Value)	0	1					
	ii. 10 Services Listed Above (Tier 2 Services Count as 1/2 Service Value)	0	1					
TBD	b. Development is Connected with A Dedicated Pedestrian Pathway to Places of Recreational Interest Within 1/4 mile	0	1					
TBD	c. Install Traffic Calming Strategies (Minimum of Two): - Designated Bicycle Lanes are Present on Roadways; - Ten-Foot Vehicle Travel Lanes; - Street Crossings Closest to Site are Located Less Than 300 Feet Apart; - Streets Have Rumble Strips, Bulbouts, Raised Crosswalks or Refuge Islands	0	2					
	5. Design for Safety & Social Gathering							
TBD	a. All Home Front Entrances Have Views from the Inside to Outside Callers	0	1					
TBD	b. All Home Front Entrances Can be Seen from the Street and/or from Other Front Doors	0	1					

Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
TBD	c. Orient Porches (min. 100sf) to Streets and Public Spaces	0	1					
TBD	d. Development Includes a Social Gathering Space	0	1					
	6. Design for Diverse Households (6a. is a Prerequisite for 6b. and 6c.)							
TBD	a. All Homes Have At Least One Zero-Step Entrance	0	1					
TBD	b. All Main Floor Interior Doors & Passageways Have a Minimum 32-Inch Clear Passage Space	0	1					
TBD	c. Locate Half-Bath on the Ground Floor	0	1					
TBD	d. Provide Full-Function Independent Rental Unit	0	1					
	Total Achievable Points in Community Design & Planning = 35	**0**						
P. INNOVATION			Possible Points					
	A. Site							
	1. Stormwater Control: Prescriptive Path (Maximum of 3 Points, Mutually Exclusive with PA2.)							
TBD	a. Use Permeable Paving for 25% of Driveways, Patios and Walkways	0	1					
TBD	b. Install Bio-Retention and Filtration Features	0	2					
TBD	c. Route Downspout Through Permeable Landscape	0	1					
TBD	d. Use Non-Leaching Roofing Materials	0	1					
TBD	e. Include Smart Street/Driveway Design	0	1					
TBD	2. Stormwater Control: Performance Path (Mutually Exclusive with PA1): Perform Soil Percolation Test and Capture and Treat 85% of Total Annual Runoff	0	3					
	C. Landscape							
TBD	1. Meet Local Landscape Program Requirement	0					2	
	D. Structural Frame & Building Envelope							
	1. Design, Build and Maintain Structural Pest and Rot Controls							
TBD	a. Locate All Wood (Siding, Trim, Structure) At Least 12" Above Soil	0				1		
TBD	b. All Wood Framing 3 Feet from the Foundation is Treated with Borates (or Use Factory-Impregnated Materials) OR Walls are Not Made of Wood	0				1		
TBD	2. Use Moisture Resistant Materials in Wet Areas: Kitchen, Bathrooms, Utility Rooms, and Basements [*This credit is a requirement associated with J4: EPA IAP]	0			1	1		
	E. Exterior							
TBD	1. Vegetated Roof (Minimum 25%)	0	2	2				
	G. Plumbing							
TBD	1. Greywater Pre-Plumbing (Includes Washing Machine at Minimum)	0					1	
TBD	2. Greywater System Operational (Includes Washing Machine at Minimum)	0					2	
TBD	3. Innovative Wastewater Technology (Constructed Wetland, Sand Filter, Aerobic System)	0					1	
TBD	4. Composting or Waterless Toilet	0					2	
TBD	5. Install Drain Water Heat-Recovery System	0		1				
TBD	6. Install a Hot Water Desuperheater	0		2				
	H. Heating, Ventilation, and Air Conditioning							
TBD	1. Humidity Control Systems (Only in California Humid/Marine Climate Zones 1,3,5,6,7) [*This credit is a requirement associated with J4: EPA IAP]	0			1			
TBD	2. Design HVAC System to Manual T for Register Design	0		1				
	K. Finishes							

Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
TBD	1. Materials Meet SMaRT Criteria *(Select the number of points, up to 5 points)*	0				5		
	N. Other							
TBD	1. Detailed Durability Plan and Third-Party Verification of Plan Implementation	0				2		
	2. Educational Signage of Project's Green Features							
TBD	a. Promotion of Green Building Practices	0	1					
TBD	b. Installed Green Building Educational Signage	0	1					
	3. Innovation: List innovative measures that meet green building objectives. Enter in the number of points in each category for a maximum of 4 points for the measure in the blue cells. Points achieved column will be automatically fill in based on the sum of the points in each category. Points and measures will be evaluated by Build It Green.							
TBD	Innovation: Enter up to 4 Points at right. Enter description here	0						
TBD	Innovation: Enter up to 4 Points at right. Enter description here	0						
TBD	Innovation: Enter up to 4 Points at right. Enter description here	0						
TBD	Innovation: Enter up to 4 Points at right. Enter description here	0						
TBD	Innovation: Enter up to 4 Points at right. Enter description here	0						
	Total Achievable Points in Innovation = 33+	**0**						
Q. CALIFORNIA CALGreen CODE			Possible Points					
No	Home meets all applicable CAL Green measures listed in above Sections A - P of the GreenPoint Rated checklist.	**N**	**R**					
	The following measures are mandatory in the CALGreen code and do not earn points in the GreenPoint Rated Checklist, but have been included in the Checklist for the convenience of jurisdictions. *The GreenPoint Rater is not a code enforcement official. The measures in this section may be verified by the GreenPoint Rater at their own discretion and/or discretion of the building official.*							
TBD	1. CALGreen 4.106.2 Storm water management during construction.	N						
TBD	2. CALGreen 4.106.3 Design for surface water drainage away from buildings.	N						
TBD	3. CALGreen 4.303.1 As an alternative to perscriptive compliance, a 20% reduction in baseline water use shall be demonstrated through calculation	N						
TBD	4. CALGreen 4.406.1 Joints and openings. Annular spaces around pipes, electric cables, conduits, or other openings in plates at exterior walls shall be protected	N						
TBD	5. CALGreen4.503.1 Gas fireplace shall be a direct-vent sealed-combustion type. Woodstove or pellet stove shall comply with US EPA Phase II emission limits	N						
TBD	6. CALGreen 4.505.2 Vapor retarder and capillary break is installed at slab on grade foundations.	N						
TBD	7. CALGreen 4.505.3 19% moisture content of building framing materials	N						
TBD	8. CALGreen 702.1 HVAC system installers are trained and certified in the proper installation of HVAC systems.	N						
	Total Achievable Points in California Green Code = 0	**0**						
Summary								
	Total Available Points in Specific Categories		35	96+	44	110	56	
	Minimum Points Required in Specific Categories	50	0	30	5	6	9	

Enter Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
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*
- *Required measures:*
  - *-A3a: 50% waste diversion by weight*
  - *-H10a: Compliance with ASHRAE 62.2 Mechanical Ventilation Standards*
  - *-J2: 15% above Title 24*
  - *-N1: Incorporate GreenPoint Rated Checklist into blueprints*
- *Minimum points in specific categories:*
  - *-Energy (30 points)*
  - *-IAQ/Health (5 points)*
  - *-Resources (6 points)*
  - *-Water (9 points)*

GreenPoint Rated Checklist: Existing Multifamily

The GreenPoint Rated Checklist tracks green features for a unit or building. A project is only GreenPoint Rated if all features are verified by a Certified GreenPoint Rater through Build It Green. To achieve a Whole Building label, a project must have a minimum of 50 points. To achieve an Elements label, a project must have a minimum of 25 points (capped at 49 points). Both labels have minimum point requirements outlined at the end of the checklist. Both labels also have required measures highlighted in the checklist (See Key below). For more information about a particular measure or the prerequisites listed at the bottom of the checklist, see the GreenPoint Rated Existing Multifamily Rating Manual.

GreenPointRATED
A PROGRAM OF BUILD IT GREEN

Enter Label: Whole Building

Total Targeted Points: **0**

How to Use Checklist

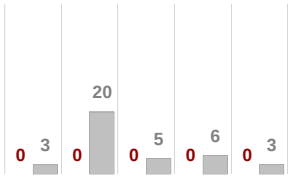
Select either Whole Building or Elements label in Cell Q3. The Elements label is for projects that cannot meet the requirements for the Whole Building label. Elements projects are often only doing partial renovation work.

To get points for a particular measure, choose from the green dropdown menu found in Column A. The points for each measure will automatically calculate under Column N, "Point Achieved" as well as at the bottom of the Checklist (Row 307). Choosing "Yes" or "≥90% "will give you full credit for that measure. For items that allow partial credit, choose the appropriate % amount (minimum of 10%) based on both the new and existing conditions for the entire building.

Key

(**Whole Building**) = Required measure for the Whole Building label
(**Elements**) = Required measure for the Elements label
(**EPA IAP**) = Requirement for meeting GreenPoint Rated Measure PJ1

GreenPoint Rated is provided as a public service by Build It Green, a professional non-profit whose mission is to promote healthy, energy and resource efficient buildings in California. For more information please visit www.builditgreen.org/greenpointrated.



Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Responsible Party	Notes
AA. COMMUNITY DESIGN AND PLANNING			Possible Points						
	1. Conserve Resources by Increasing Density -15 Units Per Acre or Greater (1 Point for every additional 5 dwelling units/acre) ***Enter Dwelling Units per Acre***	0	10						
	2. Design for Walking & Bicycling								
TBD	a. Provide Dedicated, Covered & Secure Bicycle Storage for 15% of Residents	0	1						
TBD	b. Provide Secure Bicycle Storage for 5% of Non-Residential Tenants and Visitors	0	1						
	3. Alternative Transportation								
	a. Site has Pedestrian Access Within ½ Mile of Community Services:								
	TIER 1: *Enter number of services within ½ Mile:*								
	1) Day Care 2) Community Center 3) Public Park								
	4) Drug Store 5) Restaurant 6) School								
	7) Library 8) Farmer's Market 9) After School Programs								
	10) Convenience Store Where Meat & Produce are Sold								
	TIER 2: *Enter number of services within ½ Mile:*								
	1) Bank 2) Place of Worship 3) Laundry/Cleaners								
	4) Hardware 5) Theater/Entertainment 6) Fitness/Gym								
	7) Post Office 8) Senior Care Facility 9) Medical/Dental								

Enter Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Responsible Party	Notes
10) Hair Care 11) Other Commercial Office 12) Full Scale Supermarket								
i. 5 Services Listed Above (Tier 2 Services Count as 1/2 Service Value)	0	1						
ii. 10 Services Listed Above (Tier 2 Services Count as 1/2 Service Value)	0	1						

Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Responsible Party	Notes
TBD	b. Development is within 1/2 Mile Walking Distance of a Major Transit Stop (Commuter Train/Light Rail Transit System) or Two or More Planned/Current Bus Line Stops	0	1						
	c. Reduced Parking Capacity								
TBD	i. Less than 1.5 Parking Spaces Per Unit	0	1						
TBD	ii. Less than 1.0 Parking Spaces Per Unit	0	1						
	4. Outdoor Gathering Places								
TBD	a. Private or Semi-Public Outdoor Gathering Places for Residents (Minimum of 50 sf Per Unit) (mutually exclusive with AA4b)	0	1						
TBD	b. Outdoor Gathering Place of Compact Site Provides Natural Elements (mutually exclusive with AA4a) (Projects Must Be a Minimum of 50 dwelling units/acre)	0	1						
TBD	c. Outdoor Gathering Places are Contiguous to & Have Direct Access to At Least Two Tier 1 Community Services (See AA3a)	0	1						
	5. Design for Safety and Vandalism Deterrence								
TBD	a. Residence Entries Have Views to Callers (Windows or Double Peep Holes) & Can Be Seen By Neighbors	0	1						
TBD	b. All Main Entrances to the Building and Site are Prominent and Visible from the Street	0	1						
	6. Include Universal Design Principles in Units								
TBD	a. 50% of Units	0	1						
TBD	b. 80% of Units	0	1						
	7. Affordability								
	a. Units are Dedicated to Households Making 80% or Less of AMI								
TBD	i. 10% of All Units	0	1						
TBD	ii. 25%	0	1						
TBD	iii. 50% or More	0	1						
TBD	b. Development Includes Multiple Bedroom Units At or Less Than 80% AMI (Minimum of Two 3-Bedroom Units)	0	1						
TBD	c. At least 20% of Units at 120% or Less of AMI are For-Sale	0	1						
	Total Available Points in Community Design and Planning: 28	**0.0**							
A. SITE			Possible Points						
TBD	**1. Protect Topsoil and Minimize Disruption of Existing Plants & Trees**	0	1			1			
	2. Divert Construction and Demolition Waste								
TBD	a. Divert All Cardboard, Concrete, Asphalt, & Metals (**Whole Building & Elements**)	**N**				**R**			
TBD	b. Divert 25% of Remaining Construction & Demolition Waste (Excluding all Materials Diverted in A2a)	0				2			
TBD	**3. Construction Environmental Quality Management Plan is Conducted (EPA IAP)**	0			2				
TBD	**4. Use Minimum 25% Recycled Content Aggregate**	0				1			
TBD	**5. Cool Site: Reduce Heat Island Effect on Site**	0	1						
	Total Available Points in Site: 8	**0.0**							

Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Responsible Party	Notes
B. LANDSCAPE			Possible Points						
0.0%	*Enter percentage of total site area dedicated to landscaping. Sites with less than 10% of the total site area dedicated to landscaping can only earn up to 4 points for measures B1 through B7. Calculate the landscape area percentage by dividing the landscape area by the total site area. Include the building footprint(s) and all other developed portions of the site up to the site boundary.*								
TBD	**1. Group Plants by Water Needs (Hydrozoning)**	0					2		
TBD	**2. Mulch All Planting Beds a Minimum of 3 Inches**	0					2		
	3. Construct Resource-Efficient Landscapes								
TBD	a. No Invasive Species Listed by Cal-IPC Are Planted	0				1			
TBD	b. No Plant Species will Require Shearing	0				1			
TBD	c. 75% of Plants are Drought-tolerant, California Natives, Mediterranean or Other Appropriate Species	0					3		
	4. Minimize Turf in Landscape								
TBD	a. Turf Shall Not Be Installed on Slopes Exceeding 10% and No Overhead Sprinklers Installed in Areas Less than 8 Feet Wide	0					2		
TBD	b. Turf Is ≤ 25% of Landscaped Area	0					2		
	5. Install High-Efficiency Irrigation Systems								
TBD	a. System Uses Only Low-Flow Drip, Bubblers or Sprinklers	0					2		
TBD	b. System Has Smart (Weather-based) Controllers	0					3		
TBD	**6. Incorporate Two Inches of Compost in the Top 6 to 12 Inches of Soil**	0					3		
	7. Design Landscape to Meet Water Budget								
TBD	a. Install Irrigation System That Will Be Operated at ≤70% Reference ET (B1. and B2. are Prerequisites for Credit)	0					1		
TBD	b. Install Irrigation System That Will Be Operated at ≤ 50% Reference ET (B1, B2. and B5a. or B5b. are Prerequisites for Credit)	0					1		
TBD	**8. Incorporate Community Garden**	0	1						
	9. Source Water Efficiency								
TBD	a. Use Recycled Water for Indoor and/or Outdoor Water Use	0					2		
TBD	b. Use Rainwater for Indoor and/or Outdoor Water Use	0					4		
	10. Outdoor Play Structures and Outdoor Furniture								
TBD	a. Play Structures & Surfaces Have an Average Recycled Content ≥20%	0				1			
TBD	b. Environmentally Preferable Exterior Site Furnishings	0				1			
TBD	**11. Reduce Light Pollution by Shielding Fixtures and Directing Light Downward**	0	1						
TBD	**12. High Efficacy Site Lighting**	0		1					
TBD	**13. Energy Efficient Water Heaters/Pumps for Pools and Fountains**	0		1					
	Total Available Points in Landscape: 35	**0.0**							
C. DESIGN CONSIDERATIONS			Possible Points						
	1. Existing Building Commissioning								
TBD	a. Equipment Review and Verification	0		1					
TBD	b. System Testing	0		2					
TBD	c. Remediation Plan, System Manual, and Operator Training	0		1					
TBD	**2. Conduct Green Physical Needs/Property Conditions Assessement**	0		0.5	0.5		0.5		
	Total Available Points in Design Considerations: 5.5	**0.0**							

Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Responsible Party	Notes
D. FOUNDATION, STRUCTURAL FRAME & BUILDING ENVELOPE			Possible Points						
TBD	**1. Building Envelope Survey and Correction (Whole Building)**	N		R					
TBD	**2. Foundation Survey and Correction (Whole Building)**	N		R					
	3. Replace Portland Cement in Concrete with Minimum 20% Recycled Flyash and/or Slag								
TBD	a. Minimum 20% Flyash and/or Slag Content	0				1			
TBD	b. Minimum 30% Flyash and/or Slag Content	0				2			
TBD	**4. Design, Build and Maintain Structural Pest and Rot Controls (Low-Rise Only)**	0			1	1			
	5. Optimal Value Engineering								
TBD	a. Studs at 24 Inch on Center at Interior Non-Bearing Walls and Top Floor	0				1			
TBD	b. Door & Window Headers Sized for Load	0				1			
	6. Use Engineered Lumber								
TBD	a. Engineered Beams and Headers	0				1			
TBD	b. Wood I-Joists or Web Trusses for Floors	0				1			
TBD	c. Oriented Strand Board for Subfloor	0				1			
TBD	d. Oriented Strand Board for Wall and Roof Sheathing	0				1			
TBD	**7. Insulated Headers**	0		1					
	8. Use FSC-Certified Wood								
TBD	a. Dimensional Lumber, Studs and Timber	0				4			
TBD	b. Panel Products	0				2			
	9. Retrofit/Upgrade Structure for Wind/Seismic Lateral Load Reinforcement								
TBD	a. Partial Lateral Load Reinforcement Upgrade/Retrofit	0				2			
TBD	b. Complete Building Lateral Load Reinforcement Upgrade/Retrofit	0				2			
	Total Available Points in Foundation, Structural Frame & Building Envelope: 22	**0.0**							
E. EXTERIOR			Possible Points						
	1. Durable Cladding System								
TBD	a. Install a Rain Screen Wall System	0				2			
TBD	b. Use Durable and Non-Combustible Cladding Materials	0				1			
TBD	**2. Use Durable and Fire Resistant Roofing Materials/Assembly**	0				1			
TBD	**3. Vegetated Roof** (2 points for 25% of Roof, 4 points for 50% of Roof)	0	4						
	Total Available Points in Exterior: 8	**0.0**							
F. INSULATION			Possible Points						
	1. Install Insulation with 75% Recycled Content								
TBD	a. Walls	0				1			
TBD	b. Ceilings	0				1			
TBD	c. Floors	0				1			
	Total Available Points in Insulation: 3	**0.0**							
G. PLUMBING			Possible Points						
TBD	**1. Plumbing Survey and Correction (Whole Building & Elements)**	N					R		
	2. Water Efficient Fixtures								
TBD	a. All Fixtures Meet Federal Energy Policy Act of 1992 (**Whole Building**)	N					R		
TBD	b. Install High Efficiency Toilets (Dual Flush or ≤ 1.28 Gallons Per Flush (gpf))	0					2		
	c. High Efficiency Urinals or No-Water Urinals Are Specified:								
TBD	i. Average Flush Rate is ≤0.5 gpf	0					1		
TBD	ii. Average Flush Rate is ≤0.1 gpf	0					1		

Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Responsible Party	Notes
TBD	d. High Efficiency Showerheads Use ≤ 2.0 Gallons Per Minute (gpm) at 80 psi	0					3		
	e. Flow Limiters Or Flow Control Valves Are Installed on All Faucets								
TBD	i. Bath Faucets ≤ 1.5 gpm at 60psi	0					1		
TBD	ii. Kitchen Faucets ≤ 2.0 gpm	0					1		
TBD	**3. Insulate All Hot Water Pipes (EPA IAP)**	0		1			1		
	4. Central Domestic Hot Water Survey and Tune-Up								
TBD	a. CDHW System Survey and Maintenance Manual	0					1		
TBD	b. CDHW System Upgrades (G4a. Is Prerequisite for Credit)	0					2		
TBD	**6. Water Submetering: Bill Tenants for Actual Usage**	0					4		
	Total Available Points in Plumbing: 18	**0.0**							
H. HEATING VENTILATION AND AIR CONDITIONING			Possible Points						
TBD	**1. HVAC Survey (Whole Building & Elements)**	**N**			**R**				
TBD	**2. Combustion Safety Backdraft Test (Whole Building & Elements)**	**N**			**R**				
TBD	**3. Carbon Monoxide Testing and Correction (Whole Building)**	**N**			**R**				
TBD	**4. Install High Performing Zoned Radiant Hydronic Heating**	0			2				
TBD	**5. Install High Efficiency Air Conditioning with Environmentally Preferable Refrigerants**	0	1						
	6. Advanced Ventilation Practices for Cooling								
TBD	a. Operable Windows/Skylights Induce Cross Ventilation (1+ Rooms in 80% of Units)	0		1	1				
TBD	b. ENERGY STAR Ceiling Fans and Light Kits in Living Areas & All Bedrooms	0		1					
	7. Advanced Mechanical Ventilation for IAQ								
TBD	a. Compliance with ASHRAE 62.1 and 62.2 Mechanical Ventilation Standard (As Adopted in Title 24 Part 6).	0			1				
TBD	b. Advanced Ventilation Practices	0			1				
TBD	c. Outdoor Air Ducted to Bedroom and Living Areas of Home	0			2				
TBD	d. ENERGY STAR Bathroom Fans on Timer or Humidistat	0			1				
TBD	e. Kitchen Range Hood Exhaust System Vented to Outside	0			1				
	8. Advanced HVAC Practices for Distributed Systems								
TBD	a. Conduct Diagnostic Testing of System	0			1				
TBD	b. Conduct Flow Hood Test and Assess Delivery of Air for Distributed Systems	0			1				
TBD	c. Air Conditioning Compressor Operates Properly and Refrigerant Charge is Optimal	0			2				
TBD	**9. Garage Ventilation Fans Are Controlled by Carbon Monoxide Sensors (EPA IAP)** (Passive Ventilation Not Eligible)	0			1				
TBD	**10. Install Carbon Monoxide Alarms (EPA IAP)**	0			1				
	Total Available Points in Heating Ventilation and Air Conditioning: 18	**0.0**							
I. RENEWABLE ENERGY			Possible Points						
TBD	**1. Solar Hot Water System Preheats Domestic Hot Water**	0		4					
	2. Offset a Percentage of the Project's Estimated Electricity Demand with Onsite Renewable Generation								
TBD	a. 60% of Common Area Load	0	2	2					
TBD	b. 90% of Common Area Load	0	2	2					
TBD	c. 10% or More of Residential Units Load	0	2	2					
	Total Available Points in Renewable Energy: 16	**0.0**							

Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Responsible Party	Notes
J. BUILDING PERFORMANCE			Possible Points						
TBD	**1. Complete Energy Survey (Elements)**	N		R					
	2. Energy Upgrades (Elements Only, Mutually Exclusive with J3)								
	Tier 1 (Each Worth 1 Point)								
TBD	a. Attic Insulation Meets or Exceeds Code (5 Story Maximum)	0		1					
TBD	b. Cool Roof	0		1					
TBD	c. Crawl Space Insulation Meets or Exceeds Current Code	0		1					
TBD	d. 75% of Wall Insulation Meets or Exceeds Current Code	0		1					
TBD	e. 80% of Windows Meet Current Code	0		1					
TBD	f. High Efficiency Space Heating (Central Furnace ≥ 90% AFUE; Central Boiler is 85%, HPSF 8)	0		1					
TBD	g. 14 SEER, 11.5 EER Air Conditioning Unit in Each Unit (in climate zones 2,4, 8 - 15)	0		1					
TBD	h. Complete Comprehensive Air Sealing Measures or Blower Door Test is .5ACH50 for Low Rise	0		1					
TBD	i. High Efficiency Water Heater ≥ .62 EF or Central Boiler ≥ .85 AFUE	0		1					
TBD	j. Recirculation Controls on Timer or Demand Installed	0		1					
	Tier 2 (Each Worth 0.5 Points)								
TBD	k. 50% of Wall Insulation Meets or Exceeds Current Code	0		0.5					
TBD	l. Radiant Barrier in Attic	0		0.5					
TBD	m. 14 SEER, 11.5 EER Air Conditioning Unit in Common Areas (All Climate Zones)	0		0.5					
TBD	n. 14 SEER, 11.5 EER Air Conditioning Unit in Each Unit (Climate Zones 1,3,5,6,7,16)	0		0.5					
TBD	o. Programmable Thermostat/Temperature Control in Common Areas and Each Unit	0		0.5					
TBD	p. Temperature Modulation Control on Boiler	0		0.5					
0	**3. Meet Energy Budget for Building Based on Year (Whole Building)**	0.0		30					
TBD	**4. Comprehensive Utility Bill Analysis**	0		1					
TBD	**5. Title 24 Prepared and Signed by a CABEC Certified Energy Plans Examiner (CEPE)**	0		1					
	6. Participation in Utility Program with Third Party Plan Review								
TBD	a. Energy Efficiency Program (EPA IAP)	0		1					
TBD	b. Renewable Energy Program with Min. 30% Better Than Title 24 (High Performing Home)	0		1					
	Total Available Points in Building Performance: 17+	0.0							
K. FINISHES			Possible Points						
	1. Entryways								
TBD	a. Design Entryways to Reduce Tracked-In Contaminants for All Home Entrances	0			1				
TBD	b. Permanent Walk-Off Systems Are Provided at All Main Building Entrances & In Common Areas	0			1				
TBD	**2. Use Recycled Content Paint on All Exteriors**	0				1			
	3. Low/No-VOC Paints & Coatings (EPA IAP)								
TBD	a. Low-VOC Interior Wall/Ceiling Paints (<50 grams per liter (gpl))	0			1				
TBD	b. Zero-VOC: Interior Wall/Ceiling Paints (<5 gpl)	0			1				
TBD	c. Use Low-VOC Coatings That Meet SCAQMD Rule 1113	0			2				
TBD	**4. Use Low VOC Caulks, Construction Adhesives & Sealants that Meet SCAQMD Rule 1168**	0			1				

Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Responsible Party	Notes
	5. Environmentally Preferable Materials for Interior Finishes (FSC-Certified Wood, Reclaimed Lumber, Rapidly Renewable, Recycled Content, Finger-Jointed, or Local)								
TBD	a. Cabinets	0				1			
TBD	b. Interior Trim	0				1			
TBD	c. Shelving	0				1			
TBD	d. Doors	0				1			
TBD	e. Countertops	0				1			
TBD	**6. For Newly Installed Products, Reduce Formaldehyde in Interior Finish – Meet Current CARB Airborne Toxic Control Measure (ATCM) for Composite Wood Formaldehyde Limits by Mandatory Compliance Dates (Whole Building & Elements) (EPA IAP)**	N			R				
	7. Reduce Formaldehyde in Interior Finish - Exceed Current CARB ATCM for Composite Wood Formaldehyde Limits Prior to Mandatory Compliance Dates								
TBD	a. Doors	0				1			
TBD	b. Cabinets and Countertops	0				2			
TBD	c. Interior Trim and Shelving	0				1			
TBD	**8. Durable Cabinets**	0				1			
TBD	**9. At Least 25% of All Newly Supplied Interior Furniture has Environmentally Preferable Attributes**	0				1			
	Total Available Points in Finishes: 19	**0.0**							
L. FLOORING			Possible Points						
TBD	**1. Use Environmentally Preferable Flooring (Minimum 15% of Floor Area)** A) FSC-Certified Wood, B) Reclaimed or Refinished, C) Rapidly Renewable, D) Recycled-Content, E) Exposed Concrete, or F) Local. *Flooring Adhesives Must Meet SCAQMD Rule 1168 for VOCs*	0				4			
TBD	**2. Low-Emitting Flooring (EPA IAP)** Section 01350, CRI Green Label, Floorscore, etc.	0			2				
	Total Available Points in Flooring: 6	**0.0**							
M. APPLIANCES & LIGHTING			Possible Points						
TBD	**1. Electrical Survey (Whole Building)**	N			R				
TBD	**2. Verification of Entire Electrical System**	0				2			
	3. ENERGY STAR Appliances								
TBD	a. Install ENERGY STAR Dishwasher (Must Meet Current Specifications)	0		1			1		
	b. install ENERGY STAR Clothes Washer								
TBD	i. Meets ENERGY STAR and CEE Tier 2 Requirements (Modified Energy Factor ≥2.0; Water Factor ≤6.0) (Total 3 Points)	0		1			2		
TBD	ii Meets ENERGY STAR and CEE Tier 3 Requirements (Modified Energy Factor ≥2.2; Water Factor ≤4.5) (Total 5 Points)	0					2		
	c. Install ENERGY STAR Refrigerators in ALL Locations								
TBD	i. ENERGY STAR-Qualified & < 25 Cubic Feet Capacity	0		1					
TBD	ii. ENERGY STAR-Qualified & < 20 Cubic Feet Capacity	0		1					
TBD	**4. Common Laundry Facilities Are Provided for All Occupants**	0				1			
TBD	**5. Provide Built-In Recycling Center In Each Residential Unit**	0				1			
TBD	**6. Low-Mercury Lamps (Linear and Compact Fluorescent)**	0				1			

Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Responsible Party	Notes
TBD	**7. Install High-Efficacy Interior Lighting**	0		1					
TBD	**8. Install Lighting Controls (Timers, Dimmers, Occupancy Sensors)**	0		1					
	Total Available Points in Appliances & Lighting: 16	**0.0**							
N. OTHER			Possible Points						
TBD	**1. Incorporate GreenPoint Rated Checklist in Blueprints (Whole Building & Elements) (EPA IAP)**	N	R						
	2. Operations & Maintenance Manuals and Training (EPA IAP)								
TBD	a. Provide O&M Manual and Orientation to Building Maintenance Staff (**Whole Building**)	N		R					
TBD	b. Train and Certify Upper Management & Maintenance Staff	0			1		1		
TBD	c. Provide Maintenance Manual and Orientation to Occupants	0		1			1		
TBD	**3. Residents Are Offered Free or Discounted Transit Passes**	0	2						
TBD	**4. Educational Signage of Project's Green Features**	0	1						
TBD	**5. Pre-Construction Kick-Off Meeting with Rater, Contractor and Subs**	0	1						
TBD	**6. Incorporate Unit "Green-Up" Policy**	0			1				
	7. Hazardous Materials Testing								
TBD	a. Lead Testing and Remediation	0			1				
TBD	b. Asbestos Testing and Remediation	0			1				
	Total Available Points in Other: 11	**0.0**							
O. (Not Used)									
P. INNOVATIONS			Possible Points						
	A. Site								
	1. Stormwater Control: Prescriptive Path (Maximum of 3 Points, Mutually Exclusive With PA2)								
TBD	a. Use Permeable Paving for 25% of Driveways, Patios and Walkways	0	1						
TBD	b. Install Bio-Retention and Filtration Features	0	2						
TBD	c. Route Downspout Through Permeable Landscape	0	1						
TBD	d. Use Non-Leaching Roofing Materials	0	1						
	2. Stormwater Control: Performance Path (Mutually Exclusive With PA1):								
TBD	Perform a Soil Percolation Test and Capture and Treat 85% of Total Annual Runoff	0	3						
	D. Foundation, Structural Frame and Building Envelope								
TBD	1. Use Radon Resistant Construction (EPA IAP)	0			2				
TBD	2. Install a Foundation Drainage System (EPA IAP)	0				2			
TBD	3. Moisture Controlled Crawlspace (EPA IAP)	0			2				
	E. Exterior								
TBD	1. Flashing Installation Techniques Specified and Third-Party Verified (EPA IAP)	0				1			
	H. Heating Ventilation and Air Conditioning								
TBD	1. Pressure Relieve the Ductwork System (Mutually exclusive with H3) (EPA IAP)	0		1					
TBD	2. Install High Efficiency HVAC Filter (MERV 6+, Mutually exclusive with H3) (EPA IAP)	0		1					
TBD	3. Design & Install HVAC System to ACCA Manual J, D, and S (EPA IAP)	0		4					
	J. Building Performance								
TBD	1. Obtain EPA Indoor airPlus Certification *(Total 39 possible points, not including Title 24 performance; read comment)*	0		2					
TBD	2. Third-Party Testing of Mechanical Ventilation Rates for IAQ Meets ASHRAE 62.2 (EPA IAP)	0			2				
TBD	3. ENERGY STAR® New Homes: Multifamily High-Rise Pilot Program	0		1					

Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Responsible Party	Notes
	K. Finishes								
TBD	1. Use Moisture Resistant Material in Wet Areas (EPA IAP) (Kitchens, Bathrooms, Utility Rooms & Basements)	0			1	1			
	N. Other								
	1. Innovation: List innovative measures that meet green building objectives. Enter in the number of points in each category in the blue cells for a maximum of 4 points for the measure. The "points achieved" column will be automatically fill in based on the sum of the points in each category. Points and measures will be evaluated by Build It Green.								
TBD	Innovation: Enter up to 4 Points in blue cells at right. Enter description here	0							
TBD	Innovation: Enter up to 4 Points in blue cells at right. Enter description here	0							
TBD	Innovation: Enter up to 4 Points in blue cells at right. Enter description here	0							
TBD	Innovation: Enter up to 4 Points in blue cells at right. Enter description here	0							
TBD	Innovation: Enter up to 4 Points in blue cells at right. Enter description here	0							
	Total Available Points in Innovation: 19+	**0.0**							
Summary									
	Total Available Points	**287**	**56**	**84**	**37**	**59**	**52**		
	Minimum Points Required (Whole Building)	**50**	3	20	5	6	3		
	Minimum Points Required (Elements)	**25**	2	8	2	2	2		
	Total Points Achieved	**0**	**0**	**0**	**0**	**0**	**0**		

Project has not yet met the recommended minimum requirements for Whole Building

- *Total Project Score of At Least 50 Points*
- *Required measures:*
  - *-A2a: Divert All Cardboard, Concrete, Asphalt, & Metals*
  - *-D1: Building Envelope Survey and Correction*
  - *-D2: Foundation Survey and Correction*
  - *-G1: Plumbing Survey and Correction*
  - *-G2a: All Fixtures Meet Federal Energy Policy Act*
  - *-H1: HVAC System Survey*
  - *-H2: Combustion Safety Backdraft Test*
  - *-H3: Carbon Monoxide Testing and Correction*
  - *-J3: Meet Energy Budget for Building Based on Year*
  - *-K6: Meet CARB ATCM for Composite Wood Formaldehyde Limits*
  - *-M1: Electrical Survey*
  - *-N1: Incorporate GreenPoint Rated Checklist in Blueprints*
  - *-N2a: Provide O&M Manual to Building Maintenance Staff*
- *Minimum points in specific categories:*
  - *-Community (3 points)*
  - *-Energy (20 points)*
  - *-IAQ/Health (5 points)*
  - *-Resources (6 points)*
  - *-Water (3 points)*

GreenPoint Rated Checklist: Multifamily

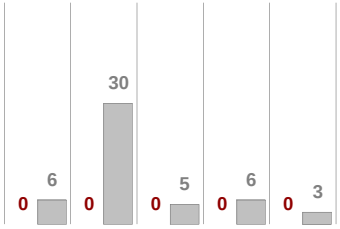
The GreenPoint Rated checklist tracks green features incorporated into the home. **A home is only GreenPoint Rated if all features are verified by a Certified GreenPoint Rater through Build It Green**. GreenPoint Rated is provided as a public service by Build It Green, a professional non-profit whose mission is to promote healthy, energy and resource efficient buildings in California.
The minimum requirements for a GreenPoint Rated 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 A2a, E2a, H4a. (for 2008 permitted projects), J1a, N1. and Q0.

This checklist accommodates the verification of mandatory CALGreen measures but does not signify compliance unless accepted by jurisdictional authority. All CALGreen measures within the checklist must be selected as "Yes" or "n/a" for compliance with GreenPoint Rated. Build It Green is not a code enforcement agency.

The green building practices listed below are described in the GreenPoint Rated Multifamily Rating Manual. For more information please visit **www.builditgreen.org/greenpointrated.**

GreenPointRATED
A PROGRAM OF BUILD IT GREEN

Total Targeted Points: **0**



Multifamily New Home 2.2 / 2008 Title 24

REQUIRED: ENTER FLOOR AREAS AND LANDSCAPED AREA BEFORE BEGINNING CHECKLIST

Enter Total Conditioned Floor Area of the Project:	**100**
Enter Total Non-Residential Floor Area of Project:	**0**
Percent of Project Dedicated to Residential Use	**100%**
Percentage of Site Dedicated to Landscaping	**0%**

Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
AA. COMMUNITY DESIGN AND PLANNING			Possible Points					
	1. Develop Infill Sites							
TBD	a. Project is an Urban Infill Development	0	1					
	b. Conserve Resources by Increasing Density -15 Units Per Acre or Greater (1 Point for every additional 5 dwelling units/acre) *Enter Project Density Number (In du/acre)*	0	10					
TBD	c. Project Includes the Redevelopment of At Least One Existing Building	0				1		
TBD	d. Build on Designated Brownfield Site or City-Designated Redevelopment Area	0	1					
	2. Design for Walking & Bicycling							
TBD	a. Sidewalks Are Buffered from Roadways & Are 5 Feet Wide (8 Feet in Retail Areas)	0	1					
TBD	b. Install Traffic Calming Strategies	0	1					
TBD	c. Provide Dedicated, Covered & Secure Bicycle Storage for 15% of Residents	0	1					
TBD	d. Provide Secure Bicycle Storage for 5% of Non-Residential Tenant Employees & Visitors	0	1					
	3. Alternative Transportation							
	a. Site has Pedestrian Access Within ½ Mile of Community Services:							
	TIER 1: *Enter number of services within ½ Mile:*							
	1) Day Care 2) Community Center 3) Public Park							
	4) Drug Store 5) Restaurant 6) School							
	7) Library 8) Farmer's Market 9) After School Programs							
	10) Convenience Store Where Meat & Produce are Sold							
	TIER 2: *Enter number of services within ½ Mile:*							

Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
	1) Bank 2) Place of Worship 3) Laundry/Cleaners 4) Hardware 5) Theater/Entertainment 6) Fitness/Gym 7) Post Office 8) Senior Care Facility 9) Medical/Dental 10) Hair Care 11) Commercial Office or Major Employer 12) Full Scale Supermarket							
	i. 5 Services Listed Above (Tier 2 Services Count as 1/2 Service Value)	0	1					
	ii.10 Services Listed Above (Tier 2 Services Count as 1/2 Service Value)	0	1					
	b. Proximity to Public Transit: Development is Located Within							
TBD	i. 1/4 Mile of One Planned or Current Bus Line Stop	0	1					
TBD	ii. 1/2 Mile of a Major Transit Stop (Commuter Train/Light Rail Transit System OR Two or More Planned/Current Bus Line Stops	0	1					
	c. Reduced Parking Capacity							
TBD	i. Less than 1.5 Parking Spaces Per Unit	0	1					
TBD	ii. Less than 1.0 Parking Spaces Per Unit	0	1					
	4. Mixed-Use Developments							
TBD	a. At least 2% of Development Floor Space Supports Mixed-Use (Non-Residential Tenants)	0	1					
TBD	b. Half of the Non-Residential Floor Space is Dedicated to Community Services (See AA3a)	0	1					
	5. Outdoor Gathering Places							
TBD	a. Private or Semi-Public Outdoor Gathering Places for Residents (Minimum of 50 sf Per Unit) (mutually exclusive with AA5b)	0	1					
TBD	b. Outdoor Gathering Place of Compact Site Provides Natural Elements (mutually exclusive with AA5a) (Projects Must Be a Minimum of 50 du/acre)	0	1					
TBD	c. Public Outdoor Gathering Places have Direct Access to At Least Two Tier 1 Community Services (See AA3a)	0	1					
	6. Design for Safety and Vandalism Deterrence							
TBD	a. Residence Entries Have Views to Callers (Windows or Double Peep Holes) & Can Be Seen By Neighbors	0	1					
TBD	b. All Main Entrances to the Building and Site are Prominent and Visible from the Street	0	1					
	7. Passive Solar Design							
TBD	a. Provide Appropriate Orientation for Maximum Energy Efficiency	0		2				
TBD	b. Provide Appropriate Shading On All South-Facing Windows for Effective Passive Solar Control	0		1				
TBD	c. Provide Thermal Mass	0		2				
	8. Adaptable Buildings							
	a. Include Universal Design Principles in Units							
TBD	i. 50% of Units	0	1					
TBD	ii. 80% of Units	0	1					
TBD	b. Live/Work Units Include A Dedicated Commercial Entrance	0	1					
	9. Affordability							

Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
	a. Units are Dedicated to Households Making 80% or Less of AMI							
TBD	i. 10% of All Units	0	1					
TBD	ii. 25%	0	1					
TBD	iii. 50% or More	0	1					
TBD	b. Development Includes Multiple Bedroom Units (Minimum of 2 3-Bdrm Units At or Less Than 80% AMI)	0	1					
TBD	c. At least 20% of Units at 120% or Less of AMI are For-Sale	0	1					
	Total Available Points in Community Design and Planning: 42	**0**						
A. SITE			Possible Points					
	1. Protect Topsoil and Minimize Disruption of Existing Plants & Trees							
TBD	a. Protect Topsoil and Reuse After Construction	0	1			1		
TBD	b. Limit and Delineate Construction Footprint for Maximum Protection	0				1		
	2. Divert/Recycle Job Site Construction Waste (Including Green Waste and Existing Structures)							
TBD	a. Required: Divert 50% (by weight) of All Construction & Demolition Waste (Recycling or Reuse) (CALGreen code)	**N**				**R**		
TBD	b. Divert 100% of Asphalt and Concrete and 65% (by weight) of Remaining Materials	0				2		
TBD	c. Divert 100% of Asphalt and Concrete and 80% (by weight) of Remaining Materials	0				2		
	3. Construction Environmental Quality Management Plan, Duct Sealing, and Pre-Occupancy Flush-Out [*This credit is a requirement associated with PJ1: EPA IAP]							
TBD	a. Duct openings and other related air distribution component openings shall be covered during construction. (CALGreen code if applicable)	0			1			
TBD	b. Full environmental quality management plan and pre-occupancy flush out is conducted (Prerequisite is A5a)	0			1			
TBD	**4. Use Recycled Content Aggregate (Minimum 25%)**	0				1		
TBD	**5. Cool Site: Reduce Heat Island Effect on Site**	0	1					
	Total Available Points in Site: 11	**0**						
B. LANDSCAPE			Possible Points					
	1. Landscaping							
No	*Is the landscape ≥ 10% of the site area? Sites with less than 10% of the total site area dedicated to landscaping can only earn up to 4 points for measure B1a through B1g. Calculate the landscape area percentage by dividing the landscape area by the total site area. Include the building footprint(s) and all other developed portions of the site up to the site boundary.*							
TBD	a. Group Plants by Water Needs (Hydrozoning)	0					2	
TBD	b. Mulch All Planting Beds to the Greater of 3 Inches or Local Water Ordinance Requirement	0					2	
	c. Construct Resource-Efficient Landscapes							
TBD	i. No Invasive Species Listed by Cal-IPC Are Planted	0				1		
TBD	ii. No Plant Species will Require Shearing	0				1		
TBD	iii. 75% of Plants are Drought-tolerant, California Natives, Mediterranean or Other Appropriate Species	0					3	
	d. Minimize Turf in Landscape Installed by Builder							

Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
TBD	i. Turf Shall Not Be Installed on Slopes Exceeding 10% and No Overhead Sprinklers Installed in Areas Less than 8 Feet Wide	0					2	
TBD	ii. Turf Is ≤ 25% of Landscaped Area	0					2	
	e. Install High-Efficiency Irrigation Systems							
TBD	i. System Uses Only Low-Flow Drip, Bubblers or Sprinklers	0					2	
TBD	ii. System Has Smart (Weather-based) Controller (CALGreen code if applicable)	0					3	
TBD	f. Incorporate Two Inches of Compost in the Top 6 to 12 Inches of Soil	0					3	
	g. Design Landscape to Meet Water Budget							
TBD	i. Install Irrigation System That Will Be Operated at <70% Reference ET (B1a. and B1b. are Prerequisites for Credit)	0					1	
TBD	ii. Install Irrigation System That Will Be Operated at <50% Reference ET (B1a., B1b. and B1ei. or B1eii. are Prerequisites for Credit)	0					1	
TBD	h. Incorporate Community Garden	0	1					
	2. Source Water Efficiency							
TBD	a. Use Recycled Water for Indoor and/or Outdoor Water Use	0					2	
TBD	b. Use Rainwater for Indoor and/or Outdoor Water Use	0					4	
	3. Outdoor Play Structures and Outdoor Furniture							
TBD	a. Play Structures & Surfaces Have an Average Recycled Content ≥20%	0				1		
TBD	b. Environmentally Preferable Exterior Site Furnishings	0				1		
TBD	**4. Reduce Light Pollution by Shielding Fixtures and Directing Light Downward**	0	1					
	Total Available Points in Landscape: 33	**0**						
C. DESIGN CONSIDERATIONS			Possible Points					
	1. Acoustics: Noise and Vibration Control (minimum 2 points for credit, including 1 Tier 1 measure, maximum of 4 points)							
TBD	TIER 1: 1) Exterior Noise Reduction	0	1					
TBD	2) Loud Single-Event Noise Reduction in Noise-Sensitive Spaces	0	1					
TBD	3) Airborne and Structure-borne Noise Reduction (e.g., walls, floor-ceilings)	0	1					
TBD	4) Mechanical Ventilation Noise and Vibration Control	0	1					
TBD	5) Plumbing Noise and Vibration Reduction	0	1					
TBD	TIER 2: 1) Minimize Stair Impact Noise	0	0.5					
TBD	2) Minimize Floor Squeaks	0	0.5					
TBD	3) Minimize Trash Chute Noise	0	0.5					
TBD	4) Mixed-Use Noise and Vibration Reduction	0	0.5					
	2. Mixed-Use Design Strategies							
TBD	a. Develop Green Tenant Improvement Requirements for Build Outs	0	2					
TBD	b. Commercial Loading Area Separated from Residential area	0			1			
TBD	c. Separate Mechanical and Plumbing Systems	0			1			
	3. Commissioning							
TBD	a. Design Phase (Define Owner's Project Requirements, Basis of Design, and Develop Plan)	0		1	1			
TBD	b. Construction Phase (Perform Functional Testing)	0		2				
TBD	c. Post-Construction Phase (Verify Compliance, Commissioning Report, Training and Warranty Review)	0	1	1				
	Total Available Points in Design Considerations: 14	**0**						
D. FOUNDATION, STRUCTURAL FRAME & BUILDING ENVELOPE		Multifamily Checklist version 2.2/1.9	Possible Points					

Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
TBD	**1. Replace Portland Cement in Concrete with Recycled Fly Ash and/or Slag (Minimum 20%)**	0				3		
TBD	**2. Design, Build and Maintain Structural Pest and Rot Controls (for low-rise projects)**	0			1	1		
	3. Construction Material Efficiencies							
TBD	a. Wall and Floor Assemblies (excluding solid wall assemblies) are Delivered Panelized from Supplier (Minimum of 80% square feet)	0				1		
TBD	b. Modular Components are Delivered Assembled to the Project (Minimum 25%)	0				6		
	c. Optimal Value Engineering							
TBD	i. Studs at 24 Inch on Center at Interior Non-Bearing Walls and Top Floor	0				1		
TBD	ii. Door & Window Headers Sized for Load	0				1		
TBD	iii. Use Only Cripple Studs Required for Load	0				1		
	4. Use Engineered Lumber							
TBD	a. Engineered Beams and Headers	0				1		
TBD	b. Wood I-Joists or Web Trusses for Floors	0				1		
TBD	c. Engineered Lumber for Roof Rafters	0				1		
TBD	d. Engineered or Finger-Jointed Studs for Vertical Applications	0				1		
TBD	e. Oriented Strand Board for Subfloor	0				1		
TBD	f. Oriented Strand Board for Wall and Roof Sheathing	0				1		
TBD	**5. Insulated Headers**	0		1				
	6. Use FSC-Certified Wood							
TBD	a. Dimensional Lumber, Studs and Timber (Minimum 40%)	0				4		
TBD	b. Panel Products (Minimum 40%)	0				2		
TBD	**7. Energy Heels on Roof Trusses for Low-Rise Projects**	0		1				
	8. Use Solid Wall Systems (Includes SIPS, ICFs, & Any Non-Stick Frame Assembly)							
TBD	a. Floors	0				2		
TBD	b. Walls	0				2		
TBD	c. Roofs	0				1		
	Total Available Points in Foundation, Structural Frame & Building Envelope: 34	**0**						
E. EXTERIOR			Possible Points					
	1. Drainage Planes and Durable Siding							
TBD	a. Install a Rain Screen Wall System	0				2		
TBD	b. Use Durable and Non-Combustible Siding Materials	0				1		
	2. Durable Roofing Options							
TBD	a. ***Required:*** All Roofing Has 3-Year Subcontractor Warranty and a 20-Year Manufacturer Warranty	N				R		
TBD	b. Use Durable and Fire Resistant Roofing Materials or Assembly	0				1		
TBD	**3. Vegetated Roof** (2 points for 25%, 4 points for 50%)	0	4					
	Total Available Points in Exterior: 8	**0**						
F. INSULATION			Possible Points					
	1. Install Insulation with 75% Recycled Content							
TBD	a. Walls	0				1		
TBD	b. Ceilings	0				1		

Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
TBD	c. Floors	0				1		
	Total Available Points in Insulation: 3	**0**						
G. PLUMBING			Possible Points					
	1. Water Efficient Fixtures							
	a. Install High Efficiency Toilets (Dual Flush or ≤ 1.28 Gallons Per Flush (gpf)) (CALGreen code if applicable)							
TBD	i. In All Residences	0					2	
TBD	ii. In All Non-Residential Areas	0					0	
	b. High Efficiency Urinals or No-Water Urinals Are Specified:							
TBD	i. Average Flush Rate is ≤0.5 gpf (CALGreen code if applicable)	0					1	
TBD	ii. Average Flush Rate is ≤0.1 gpf	0					1	
TBD	c. High Efficiency Showerheads Use ≤ 2.0 Gallons Per Minute (gpm) at 80 psi (CALGreen code if applicable)	0					3	
	d. Flow Limiters Or Flow Control Valves Are Installed on All Faucets							
TBD	i. Residences: Kitchen - ≤ 1.8 gpm (CALGreen code if applicable)	0					1	
TBD	ii. Non-Residential Areas: Kitchen - ≤ 1.8 gpm (CALGreen code applicable)	0					0	
TBD	iii. Residences: Bathroom Faucets- ≤ 1.5 gpm at 60psi	0					1	
TBD	iv. Non-Residential Areas: Bath Faucets - ≤ .5 gpm or .25 gal for meter faucets (CALGreen code if applicable)	N					0	
	2. Distribute Domestic Hot Water Efficiently (G2a is a Prerequisite for credit for G2 b-e. Maximum 5 Points)							
TBD	a. Insulate All Hot Water Pipes [*This credit is a requirement associated with PJ1: EPA IAP]	0		1			1	
TBD	b. Use Engineered Parallel Plumbing	0					1	
TBD	c. Use Engineered Parallel Plumbing with Demand Controlled Circulation Loop(s)	0					1	
TBD	d. Use Traditional Trunk, Branch and Twig Plumbing with Demand Controlled Circulation Loop(s)	0		1			2	
TBD	e. Use Central Core Plumbing	0		1		1	1	
TBD	**3. Water Submetering: Bill Tenants for Actual Usage**	0					4	
	Total Available Points in Plumbing: 18	**0**						
H. HEATING VENTILATION AND AIR CONDITIONING			Possible Points					
TBD	**1. Install High Performing Zoned Radiant Hydronic Heating**	0			2			
TBD	**2. Install High Efficiency Air Conditioning with Environmentally Preferable Refrigerants**	0	1					
	3. Advanced Ventilation Practices for Cooling							
TBD	a. Operable Windows or Skylights Are Placed To Induce Cross Ventilation In At Least One Room In 80% of Units	0		1	1			
	b. Mechanical Ventilation System for Cooling:							
TBD	i. ENERGY STAR Ceiling Fans and Light Kits in Living Areas & All Bedrooms	0		1				
TBD	ii. Whole House Fan (CALGreen code if applicable)	0		1				
	4. Advanced Mechanical Ventilation for IAQ							
TBD	a. ***Required:*** Compliance with ASHRAE 62.2 Mechanical Ventilation Standard (As Adopted in Title 24 Part 6). *N/A for projects permitted under 2005 Title 24*	**N**			**R**			

Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
TBD	b. Advanced Ventilation Practices (Continuous Operation, Sone Limit, Minimum Efficiency, Minimum Ventilation Rate, Homeowner Instructions)	0			1			
TBD	c. Outdoor Air Ducted to Bedroom and Living Areas of Home	0			2			
TBD	d. ENERGY STAR Bathroom Fans on Timer or Humidistat (CALGreen code if applicable)	0			1			
TBD	**5. Garage Ventilation Fans Are Controlled by Carbon Monoxide Sensors** (Passive Ventilation Not Eligible) [*This credit is a requirement associated with PJ1: EPA IAP]	0			1			
TBD	**6. Install Carbon Monoxide Alarms** (or No Combustion Appliances in Living Space and No Attached Garage) [*This credit is a requirement associated with PJ1: EPA IAP]	0			1			
	Total Available Points in Heating Ventilation and Air Conditioning: 13	**0**						
I. RENEWABLE ENERGY				Possible Points				
TBD	**1. Solar Hot Water System Preheats Domestic Hot Water**	0		4				
	2. Offset a Percentage of the Project's Estimated Electricity Demand with Onsite Renewable Generation							
TBD	a. 60% of Common Area Load	0	2	2				
TBD	b. 90% of Common Area Load	0	2	2				
TBD	c. 10% or More of Residential Units Load	0	2	2				
	Total Available Points in Renewable Energy: 16	**0**						
J. BUILDING PERFORMANCE				Possible Points				
	1. Building Performance Exceeds Title 24							
2008	*Is project permitted under 2005 Title 24 or 2008 Title 24?*							
	Enter the Percent Better Than Title 24 for Residential and Non-Residential Portions of the Project.							
0%	a. ***Required:*** Residences: Minimum 15% Better Than Title 24. 2 Points for Every 1% Better Than Title 24	**0**		30+				
0%	b. Non-Residential Spaces: 1 Point for Every 1% Better Than Title 24, adjusted for square footage	0		1+				
	2. Building Envelope Diagnostic Evaluations							
TBD	a. Duct Testing Results in Leakage < 6% [*This credit is a requirement associated with PJ1: EPA IAP]	0		1				
TBD	b. Blower Door Testing Results for Air Change per Hour is < 3.5 ACH_{50} [*This credit is a requirement associated with PJ1: EPA IAP]	0		2				
TBD	c. Verify Quality of Insulation Installation & Thermal Bypass Checklist before Drywall [*This credit is a requirement associated with PJ1: EPA IAP]	0		1				
TBD	**3. Design and Build Near Zero Energy Homes** *(Enter number of points, minimum of 2 and maximum of 6 points)*	0		6				
TBD	**4. Title 24 Prepared and Signed by a CABEC Certified Energy Plans Examiner (CEPE)**	0		1				
	5. Participation in Utility Program with Third Party Plan Review							
TBD	a. Energy Efficiency Program [*This credit is a requirement associated with PJ1: EPA IAP]	0		1				
TBD	b. Renewable Energy Program with Min. 30% Better Than Title 24 (High Performing Home)	0		1				

Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
	Total Available Points in Building Performance: 43+	0						
K. FINISHES			Possible Points					
	1. Entryways							
TBD	a. Design Entryways to Reduce Tracked-In Contaminants for All Home Entrances	0			1			
TBD	b. Permanent Walk-Off Systems Are Provided at All Main Building Entrances & In Common Areas	0			1			
TBD	**2. Use Recycled Content Paint**	0				1		
	3. Low/No-VOC Paints & Coatings [*This credit is a requirement associated with PJ1: EPA IAP] a. Low-VOC Interior Wall/Ceiling Paints (<50 grams per liter (gpl) VOCs regardless of sheen) (CALGreen code if applicable)							
TBD	i. In All Residences	0			1			
TBD	ii. In All Non-Residential Areas	0			0			
	b. Zero-VOC: Interior Wall/Ceiling Paints (<5 gpl regardless of sheen)							
TBD	i. In All Residences	0			1			
TBD	ii. In All Non-Residential Areas	0			0			
	c. Use Low-VOC Coatings That Meet SCAQMD Rule 1113 (CALGreen code if applicable)							
TBD	i. In All Residences	0			2			
TBD	ii. In All Non-Residential Areas	0			0			
TBD	**4. Use Low VOC Caulks, Construction Adhesives and Sealants that Meet SCAQMD Rule 1168 (CALGreen code if applicable)**	0			1			
	5. Environmentally Preferable Materials for Interior Finish: A) FSC-Certified Wood, B) Reclaimed Lumber, C) Rapidly Renewable, D) Recycled-Content, E) Finger-Jointed, or F) Local a. Residences: At Least 50% of Each Material:							
TBD	i. Cabinets	0				4		
TBD	ii. Interior Trim	0				2		
TBD	iii. Shelving	0				2		
TBD	iv. Doors	0				2		
TBD	v. Countertops	0				2		
	b. Non-Residential Areas: At Least 50% of Each Material:							
TBD	i. Cabinets	0				0		
TBD	ii. Interior Trim	0				0		
TBD	iii. Shelving	0				0		
TBD	iv. Doors	0				0		
TBD	v. Countertops	0				0		
TBD	**6. Reduce Formaldehyde in Interior Finish – Meet Current CARB Airborne Toxic Control Measure (ATCM) for Composite Wood Formaldehyde Limits by Mandatory Compliance Dates (CALGreen code if applicable) [*This credit is a requirement associated with PJ1: EPA IAP]**	N			0			
	7. Reduce Formaldehyde in Interior Finish - Exceed Current CARB ATCM for Composite Wood Formaldehyde Limits Prior to Mandatory Compliance Dates							

Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
	a. Residences: At Least 90% of Each Material:							
TBD	i. Doors	0			1			
TBD	ii. Cabinets and Countertops	0			2			
TBD	iii. Interior Trim and Shelving	0			1			
	b. Non-Residential Areas: At Least 90% of Each Material							
TBD	i. Doors	0			0			
TBD	ii. Cabinets and Countertops	0			0			
TBD	iii. Interior Trim and Shelving	0			0			
	8. Durable Cabinets							
TBD	a. Residences	0				1		
TBD	b. Non-Residential Areas	0				0		
TBD	**9. At Least 25% of All Newly Supplied Interior Furniture has Environmentally Preferable Attributes**	0				1		
	Total Available Points in Finishes: 26	**0**						
L. FLOORING			Possible Points					
	1. Use Environmentally Preferable Flooring (Minimum 15% of Floor Area) A) FSC-Certified Wood, B) Reclaimed or Refinished, C) Rapidly Renewable, D) Recycled-Content, E) Exposed Concrete, or F) Local. *Flooring Adhesives Must Meet SCAQMD Rule 1168 for VOCs*							
TBD	a. Residences	0				4		
TBD	b. Non-Residential Areas	0				0		
	2. Low-Emitting Flooring [*This credit is a requirement associated with PJ1: EPA IAP]							
TBD	a. Residences: Low Emitting Flooring (50% Minimum) (Section 01350, CRI Green Label Plus, Floorscore)	0			2			
TBD	b. Non-Residential Areas: Low-Emitting Flooring (50% Minimum) (Section 01350, CRI Green Label Plus, Floorscore)	0			0			
TBD	**3. All carpet and 50% of Resilient Flooring is low emitting. (CALGreen code if applicable)**	N			0			
	Total Available Points in Flooring: 6	**0**						
M. APPLIANCES & LIGHTING			Possible Points					
	1. ENERGY STAR Appliances							
TBD	a. Install ENERGY STAR Dishwasher (Must Meet Current Specifications)	0		1			1	
	b. install ENERGY STAR Clothes Washer							
TBD	i. Meets ENERGY STAR and CEE Tier 2 Requirements (Modified Energy Factor ≥2.0; Water Factor ≤6.0) (Total 3 Points)	0		1			2	
TBD	ii Meets ENERGY STAR and CEE Tier 3 Requirements (Modified Energy Factor ≥2.2; Water Factor ≤4.5) (Total 5 Points)	0					2	
	c. Install ENERGY STAR Refrigerators in All Locations							
TBD	i. ENERGY STAR-Qualified & < 25 Cubic Feet Capacity	0		1				
TBD	ii. ENERGY STAR-Qualified & < 20 Cubic Feet Capacity	0		1				
TBD	**2. Common Laundry Facilities Are Provided for All Occupants**	0				1		
TBD	**3. Provide Built-In Recycling Center In Each Residential Unit**	0				1		
	4. Low-Mercury Lamps							

Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
TBD	a. Low-Mercury Products Are Installed Wherever Linear Fluorescent Lamps Are Used or Replaced	0				1		
TBD	b. Low-Mercury Products Are Installed Wherever Compact Fluorescent Lamps Are Used or Replaced	0				1		
	5. Install High-Efficacy Lighting and Design Lighting System							
TBD	a. Install High-Efficacy Lighting	0		1				
TBD	b. Install a Lighting System to IESNA Footcandle Standards or Hire Lighting Consultant	0		1				
TBD	**6. Gearless Elevators Are Installed**	0		1				
	Total Available Points in Appliances & Lighting: 16	**0**						
N. OTHER			Possible Points					
TBD	**1. *Required:* Incorporate GreenPoint Rated Checklist in Blueprints** [*This credit is a requirement associated with PJ1: EPA IAP]	**N**	**R**					
TBD	**2. Pre-Construction Kick-Off Meeting with Rater and Subs**	0	1					
	3. Operations & Maintenance Manuals and Training [*This credit is a requirement associated with PJ1: EPA IAP]							
TBD	a. Provide O&M Manual to Building Maintenance Staff (CALGreen code if applicable)	0		1				
TBD	b. Provide O&M Manual to Occupants and Orientation	0		1			1	
TBD	**4. Residents Are Offered Free or Discounted Transit Passes**	0	2					
TBD	**5. Educational Signage of Project's Green Features**	0	1					
TBD	**6. Install Home/Building System Monitor(s)**	0		1				
TBD	**7. Use Vandalism Deterrence Practices and Develop Vandalism Management Plan**	0	1					
	Total Available Points in Other: 9	**0**						
O. (Not Used)								
P. INNOVATIONS			Possible Points					
	A. Site							
	1. Stormwater Control: Prescriptive Path (Maximum of 3 Points, Mutually Exclusive With PA2)							
TBD	a. Use Permeable Paving for 25% of Driveways, Patios and Walkways	0	1					
TBD	b. Install Bio-Retention and Filtration Features	0	2					
TBD	c. Route Downspout Through Permeable Landscape	0	1					
TBD	d. Use Non-Leaching Roofing Materials	0	1					
TBD	e. Include Smart Street/Driveway Design	0	1					
	2. Stormwater Control: Performance Path (Mutually Exclusive With PA1):	0						
TBD	Perform a Soil Percolation Test and Capture and Treat 85% of Total Annual Runoff	0	3					
	D. Foundation, Structural Frame and Building Envelope							
TBD	1. Use Radon Resistant Construction [*This credit is a requirement associated with PJ1: EPA IAP]	0			2			
TBD	2. Install a Foundation Drainage System [*This credit is a requirement associated with PJ1: EPA IAP]	0				2		
TBD	3. Moisture Controlled Crawlspace [*For projects with crawlspaces, this credit is a requirement associated with PJ1: EPA IAP]	0			2			
	E. Exterior							

Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
TBD	1. Flashing Installation Techniques Specified and Third-Party Verified [*This credit is a requirement associated with PJ1: EPA IAP]	0				1		
	H. Heating Ventilation and Air Conditioning							
TBD	1. Design and Install HVAC System to ACCA Manual J, D, and S Recommendations (CALGreen code if applicable) [*This credit is a requirement associated with PJ1: EPA IAP]	0		4				
TBD	2. Pressure Relieve the Ductwork System (Mutually exclusive with H1) [*For projects with ducted systems, this credit is a requirement associated with PJ1: EPA IAP]	0		1				
TBD	3. Install High Efficiency HVAC Filter (MERV 6+, Mutually exclusive with H1.) [*This credit is a requirement associated with PJ1: EPA IAP]	0		1				
	J. Building Performance							
TBD	1. Obtain EPA Indoor airPlus Certification *(Total 39 possible points, not including Title 24 performance; read comment)*	0		2				
TBD	2. Third-Party Testing of Mechanical Ventilation Rates for IAQ (Meet ASHRAE 62.2) [*This credit is a requirement associated with PJ1: EPA IAP]	0			2			
TBD	3. ENERGY STAR New Homes: High-Rise Pilot Program	0		1				
	K. Finishes							
TBD	1. Use Moisture Resistant Material in Wet Areas: Kitchens, Bathrooms, Utility Rooms and Basements [*This credit is a requirement associated with PJ1: EPA IAP]	0			1	1		
TBD	2. Materials Meet SMaRT Criteria *(Select number of points, up to 5 points)*	0				5		
	N. Other							
	1. Innovation: List innovative measures that meet green building objectives. Enter in the number of points in each category in the blue cells for a maximum of 4 points for the measure. The "points achieved" column will be automatically fill in based on the sum of the points in each category. Points and measures will be evaluated by Build It Green.							
TBD	Innovation: Enter up to 4 Points in blue cells at right. Enter description here	0						
TBD	Innovation: Enter up to 4 Points in blue cells at right. Enter description here	0						
TBD	Innovation: Enter up to 4 Points in blue cells at right. Enter description here	0						
TBD	Innovation: Enter up to 4 Points in blue cells at right. Enter description here	0						
TBD	Innovation: Enter up to 4 Points in blue cells at right. Enter description here	0						
	Total Available Points in Innovation: 26+	**0**						
Q. CALGreen CODE			Possible Points					
No	**0. Home meets all applicable CALGreen measures listed in above Sections A - P of the GreenPoint Rated checklist.**	**N**	**R**					
	The following measures are mandatory in the CALGreen code and do not earn points in the GreenPoint Rated Checklist but have been included in the Checklist for the convenience of jurisdictions. *The GreenPoint Rater is not a code enforcement official. The measures in this section may be verified by the GreenPoint Rater at their own discretion and/or discretion of the building official.*							

Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
TBD	1. CALGreen 4.106.2 Storm water management during construction.	N						
TBD	2. CALGreen 4.106.3 Design for surface water drainage away from buildings.	N						
TBD	3. CALGreen 4.303.1 As an alternative to perscriptive compliance, a 20% reduction in baseline water use shall be demonstrated through calculation	N						
TBD	4. CALGreen 4.406.1 Joints and openings. Annular spaces around pipes, electric cables, conduits, or other openings in plates at exterior walls shall be protected	N						
TBD	5. CALGreen4.503.1 Gas fireplace shall be a direct-vent sealed-combustion type. Woodstove or pellet stove shall comply with US EPA Phase II emission limits	N						
TBD	6. CALGreen 4.505.2 Vapor retarder and capillary break is installed at slab on grade foundations.	N						
TBD	7. CALGreen 4.505.3 19% moisture content of building framing materials	N						
TBD	8. CALGreen 702.1 HVAC system installers are trained and certified in the proper installation of HVAC systems.	N						
	Total Available Points in CALGreen Code: 0	**0**						

Summary

		Community	Energy	IAQ/Health	Resources	Water
Total Available Points		**62**	**86+**	**35**	**87**	**48**
Minimum Points Required		6	30	5	6	3
Total Points Achieved	**0**	**0**	**0**	**0**	**0**	**0**

Project has not yet met the recommended minimum requirements

- Total Project Score of At Least 50 Points

- Required measures:

-A2a: 50% waste diversion by weight

-E2a: All Shingle Roofing Has 3-Yr Subcontractor Warranty & 20-Yr Manufacturer Warranty

-H4a: Compliance with ASHRAE 62.2 Mechanical Ventilation Standards (2008 Title 24 projects)

-J1a: 15% above Title 24

-N1: Incorporate GreenPoint Rated Checklist in Blueprints

- Minimum points in specific categories:

-Community (6 points)

-Energy (30 points)

-IAQ/Health (5 points)

-Resources (6 points)

-Water (3 points)

LEED 2009 for Commercial Interiors

Project Checklist

Project Name

Date

Sustainable Sites — Possible Points: 21

Y	?	N			
			Credit 1	Site Selection	1 to 5
			Credit 2	Development Density and Community Connectivity	6
			Credit 3.1	Alternative Transportation—Public Transportation Access	6
			Credit 3.2	Alternative Transportation—Bicycle Storage and Changing Rooms	2
			Credit 3.3	Alternative Transportation—Parking Availability	2

Water Efficiency — Possible Points: 11

Y			Prereq 1	Water Use Reduction—20% Reduction	
			Credit 1	Water Use Reduction	6 to 11

Energy and Atmosphere — Possible Points: 37

Y			Prereq 1	Fundamental Commissioning of Building Energy Systems	
Y			Prereq 2	Minimum Energy Performance	
Y			Prereq 3	Fundamental Refrigerant Management	
			Credit 1.1	Optimize Energy Performance—Lighting Power	1 to 5
			Credit 1.2	Optimize Energy Performance—Lighting Controls	1 to 3
			Credit 1.3	Optimize Energy Performance—HVAC	5 to 10
			Credit 1.4	Optimize Energy Performance—Equipment and Appliances	1 to 4
			Credit 2	Enhanced Commissioning	5
			Credit 3	Measurement and Verification	2 to 5
			Credit 4	Green Power	5

Materials and Resources — Possible Points: 14

Y			Prereq 1	Storage and Collection of Recyclables	
			Credit 1.1	Tenant Space—Long-Term Commitment	1
			Credit 1.2	Building Reuse	1 to 2
			Credit 2	Construction Waste Management	1 to 2
			Credit 3.1	Materials Reuse	1 to 2
			Credit 3.2	Materials Reuse—Furniture and Furnishings	1
			Credit 4	Recycled Content	1 to 2
			Credit 5	Regional Materials	1 to 2
			Credit 6	Rapidly Renewable Materials	1
			Credit 7	Certified Wood	1

Indoor Environmental Quality — Possible Points: 17

Y	?	N			
Y			Prereq 1	Minimum IAQ Performance	
Y			Prereq 2	Environmental Tobacco Smoke (ETS) Control	
			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 and Sealants	1
			Credit 4.2	Low-Emitting Materials—Paints and Coatings	1
			Credit 4.3	Low-Emitting Materials—Flooring Systems	1
			Credit 4.4	Low-Emitting Materials—Composite Wood and Agrifiber Products	1
			Credit 4.5	Low-Emitting Materials—Systems Furniture and Seating	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 and Views—Daylight	1 to 2
			Credit 8.2	Daylight and Views—Views for Seated Spaces	1

Innovation and Design Process — Possible Points: 6

			Credit 1.1	Innovation in Design: Specific Title	1
			Credit 1.2	Innovation in Design: Specific Title	1
			Credit 1.3	Innovation in Design: Specific Title	1
			Credit 1.4	Innovation in Design: Specific Title	1
			Credit 1.5	Innovation in Design: Specific Title	1
			Credit 2	LEED Accredited Professional	1

Regional Priority Credits — Possible Points: 4

			Credit 1.1	Regional Priority: Specific Credit	1
			Credit 1.2	Regional Priority: Specific Credit	1
			Credit 1.3	Regional Priority: Specific Credit	1
			Credit 1.4	Regional Priority: Specific Credit	1

Total — Possible Points: 110

Certified 40 to 49 points Silver 50 to 59 points Gold 60 to 79 points Platinum 80 to 110

LEED 2009 for New Construction and Major Renovations

Project Checklist

Project Name

Date

Sustainable Sites — Possible Points: 26

Y	?	N			
Y			Prereq 1	Construction Activity Pollution Prevention	
			Credit 1	Site Selection	1
			Credit 2	Development Density and Community Connectivity	5
			Credit 3	Brownfield Redevelopment	1
			Credit 4.1	Alternative Transportation—Public Transportation Access	6
			Credit 4.2	Alternative Transportation—Bicycle Storage and Changing Rooms	1
			Credit 4.3	Alternative Transportation—Low-Emitting and Fuel-Efficient Vehicles	3
			Credit 4.4	Alternative Transportation—Parking Capacity	2
			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

Water Efficiency — Possible Points: 10

Y			Prereq 1	Water Use Reduction—20% Reduction	
			Credit 1	Water Efficient Landscaping	2 to 4
			Credit 2	Innovative Wastewater Technologies	2
			Credit 3	Water Use Reduction	2 to 4

Energy and Atmosphere — Possible Points: 35

Y			Prereq 1	Fundamental Commissioning of Building Energy Systems	
Y			Prereq 2	Minimum Energy Performance	
Y			Prereq 3	Fundamental Refrigerant Management	
			Credit 1	Optimize Energy Performance	1 to 19
			Credit 2	On-Site Renewable Energy	1 to 7
			Credit 3	Enhanced Commissioning	2
			Credit 4	Enhanced Refrigerant Management	2
			Credit 5	Measurement and Verification	3
			Credit 6	Green Power	2

Materials and Resources — Possible Points: 14

Y			Prereq 1	Storage and Collection of Recyclables	
			Credit 1.1	Building Reuse—Maintain Existing Walls, Floors, and Roof	1 to 3
			Credit 1.2	Building Reuse—Maintain 50% of Interior Non-Structural Elements	1
			Credit 2	Construction Waste Management	1 to 2
			Credit 3	Materials Reuse	1 to 2

Materials and Resources, Continued

Y	?	N			
			Credit 4	Recycled Content	1 to 2
			Credit 5	Regional Materials	1 to 2
			Credit 6	Rapidly Renewable Materials	1
			Credit 7	Certified Wood	1

Indoor Environmental Quality — Possible Points: 15

Y			Prereq 1	Minimum Indoor Air Quality Performance	
Y			Prereq 2	Environmental Tobacco Smoke (ETS) Control	
			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 and Sealants	1
			Credit 4.2	Low-Emitting Materials—Paints and Coatings	1
			Credit 4.3	Low-Emitting Materials—Flooring Systems	1
			Credit 4.4	Low-Emitting Materials—Composite Wood and Agrifiber Products	1
			Credit 5	Indoor Chemical and 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 and Views—Daylight	1
			Credit 8.2	Daylight and Views—Views	1

Innovation and Design Process — Possible Points: 6

			Credit 1.1	Innovation in Design: Specific Title	1
			Credit 1.2	Innovation in Design: Specific Title	1
			Credit 1.3	Innovation in Design: Specific Title	1
			Credit 1.4	Innovation in Design: Specific Title	1
			Credit 1.5	Innovation in Design: Specific Title	1
			Credit 2	LEED Accredited Professional	1

Regional Priority Credits — Possible Points: 4

			Credit 1.1	Regional Priority: Specific Credit	1
			Credit 1.2	Regional Priority: Specific Credit	1
			Credit 1.3	Regional Priority: Specific Credit	1
			Credit 1.4	Regional Priority: Specific Credit	1

Total — Possible Points: 110

Certified 40 to 49 points Silver 50 to 59 points Gold 60 to 79 points Platinum 80 to 110