



NEW HOME RATING SYSTEM, VERSION 7.0

MULTIFAMILY CHECKLIST

Total Points Targeted: 96

Certification Level:

The GreenPoint Rated checklist tracks green features incorporated into the home. GreenPoint Rated is administered by Build It Green, a 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: Community (2) Energy (25), Indoor Air Quality/Health (6), Resources (6), and Water (6); and meet the prerequisites CALGreen Mandatory, E5.2, H6.1, J5.1, O1, O7.

Directions for Use: Column A is a dropdown menu with the options of "Yes", "No", or "TBD" or a range of percentages to allocate points. Select the appropriate dropdown and the appropriate points will appear in the blue "points achieved" column.

The criteria for the green building practices listed below are described in the GreenPoint Rated New Home Rating Manual. For more information please visit [www.builditgreen.org/greenpointrated](http://www.builditgreen.org/greenpointrated)  
Build It Green is not a code enforcement agency.

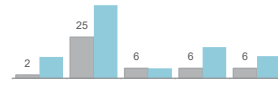
A home is only GreenPoint Rated if all features are verified by a Certified GreenPoint Rater and certified by Build It Green.

New Home Multifamily Version 7

Project Name: Kittredge Housing  
Project Street: 2176 Kittredge  
Project City: Berkeley  
Project Zip: 94704

POINTS REQUIRED

■ Minimum Points  
■ Targeted Points



Measures

Measures		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
		Possible Points						
CALGreen	TBD							
	<b>CALGreen Res (REQUIRED)</b>		1	1	1	1		
<b>A. SITE</b>								
TBD	<b>A1. Construction Footprint</b> (Site Preservation Plan Beyond Local Ordinance OR 40% of Site Undeveloped and Undisturbed)					1		
<b>A2. Job Site Construction Waste Diversion</b>								
Yes	A2.1 75% C&D Waste Diversion (Including Alternative Daily Cover)	2				2		
TBD	A2.2 65% C&D Waste Diversion (Excluding Alternative Daily Cover)					2		
TBD	A2.3 Recycling Rates from Third-Party Verified Mixed-Use Waste Facility					1		
TBD	<b>A3. Recycled Content Base Material</b> (Minimum 25% Post-Consumer Content)					1		
Yes	<b>A4. Heat Island Effect Reduction (Non-Roof)</b>	1		1				
TBD	<b>A5. Construction Environmental Quality Management Plan Including Flush-Out</b>				1			
<b>A6. Stormwater Control: Prescriptive Path</b>								
TBD	A6.1 Permeable Paving Material						1	
Yes	A6.2 Filtration and/or Bio-Retention Features	1					1	
Yes	A6.3 Non-Leaching Roofing Materials	1					1	
TBD	A6.4 Smart Stormwater Street Design		1					
TBD	<b>A7. Stormwater Control: Performance Path</b> (Capture and Treat 85% of Annual Runoff Onsite)						3	
<b>B. FOUNDATION</b>								
No	<b>B1. Fly Ash and/or Slag in Concrete</b> (Minimum of 30%)	0				1		
No	<b>B2. Radon-Resistant Construction</b>	0			2			
No	<b>B3. Foundation Drainage System</b>	0				2		
TBD	<b>B4. Moisture Controlled Crawlspace</b>				1			
<b>B5. Structural Pest Controls</b>								
No	B5.1 Termite Shields and Separated Exterior Wood-to-Concrete Connections	0				1		
TBD	B5.2 Plant Trunks, Bases, or Stems at Least 36 Inches from the Foundation					1		
<b>C. LANDSCAPE</b>								
0.00%	Enter the landscape area percentage. Points capped at 3 for areas less than 15%.							
Yes	<b>C1. Plants Grouped by Water Needs (Hydrozoning)</b>	1					1	
Yes	<b>C2. Three Inches of Mulch in Planting Beds</b>	1					1	
<b>C3. Resource Efficient Landscapes</b>								
Yes	C3.1 No Invasive Species Listed by Cal-IPC	1				1		
Yes	C3.2 Plants Chosen and Located to Grow to Natural Size (Limited Maintenance)	0				1		
Yes	C3.3 Drought Tolerant, California Native, Mediterranean Species, or Other Appropriate Species	0					3	
<b>C4. Minimal Turf in Landscape</b>								
Yes	C4.1 No Turf on Slopes Exceeding 10% and No Overhead Sprinklers Installed in Areas Less Than Eight Feet Wide	0					2	
Yes	C4.2 Turf on a Small Percentage of Landscaped Area	0					2	
TBD	<b>C5. Trees to Moderate Building Temperature</b> (at least 50% of West Facing Glazing and Walls Shaded)		1	1			1	
Yes	<b>C6. High-Efficiency Irrigation System</b>	0					2	
Yes	<b>C7. One Inch of Compost in the Top Six to Twelve Inches of Soil</b> (with Soil Testing)	0					2	
No	<b>C8. Rainwater Harvesting System</b>	0					3	
TBD	<b>C9. Recycled Wastewater Irrigation System</b>						1	
Yes	<b>C10. Submeter or Dedicated Meter for Landscape Irrigation</b>	0					2	
TBD	<b>C11. Landscape Meets Water Budget</b>						1	
<b>C12. Environmentally Preferable Materials for Site</b>								
Yes	C12.1 Environmentally Preferable Materials for 70% of Non-Plant Landscape Elements and Fencing	1				1		
TBD	C12.2 Play Structures and Surfaces Have an Average Recycled Content ≥20%						1	
Yes	<b>C13. Reduced Light Pollution</b> (Exterior lighting fixtures shielded and directed downward)	1	1					
TBD	<b>C14. Large Stature Tree(s)</b>		1					
TBD	<b>C15. Third Party Landscape Program Certification</b>						1	
Yes	<b>C16. Maintenance Contract with Certified Professional</b> (Bay-Friendly Qualified Professional or Equiv.)	1					1	
TBD	<b>C17. Community Garden</b>		2					
<b>D. STRUCTURAL FRAME AND BUILDING ENVELOPE</b>								

Project Name: Kittredge Housing Project Street: 2176 Kittredge Project City: Berkeley Project Zip: 94704		Points Achieved	Community	Energy	IAQ/Health	Resources	Water
<b>D1. Optimal Value Engineering</b>							
TBD	D1.1 Joists, Rafters, and Studs at 24 Inches on Center			1		2	
TBD	D1.2 Non-Load Bearing Door and Window Headers Sized for Load					1	
TBD	D1.3 Advanced Framing Measures					2	
TBD	<b>D2. Construction Material Efficiencies</b> (Pre-assembled wall and roof framing for at least 80% of project)					1	
<b>D3. Engineered Lumber</b>							
Yes	D3.1 Engineered Beams and Headers	1				1	
Yes	D3.2 Wood I-Joists or Web Trusses for Floors	1				1	
Yes	D3.3 Engineered Lumber for Roof Rafters	1				1	
TBD	D3.4 Engineered or Finger-Jointed Studs for Vertical Applications					1	
TBD	D3.5 OSB for Subfloor					0.5	
TBD	D3.6 OSB for Wall and Roof Sheathing					0.5	
TBD	<b>D4. Insulated Headers</b>			1			
<b>D5. FSC-Certified Wood</b>							
TBD	D5.1 Dimensional Lumber, Studs, and Timber					6	
TBD	D5.2 Panel Products					3	
<b>D6. Solid Wall Systems</b>							
TBD	D6.1 At Least 90% of Floors					1	
TBD	D6.2 At Least 90% of Exterior Walls			1		1	
TBD	D6.3 At Least 90% of Roofs			1		1	
TBD	<b>D7. Energy Heels on Roof Trusses</b>			1			
TBD	<b>D8. Overhangs and Gutters</b>			1		1	
<b>D9. Reduced Pollution Entering the Home from the Garage</b>							
TBD	D9.1 Detached Garage					2	
TBD	D9.2 Mitigation Strategies for Attached Garage					1	
<b>D10. Structural Pest and Rot Controls</b>							
TBD	D10.1 All Wood Located At Least 12 Inches Above the Soil					1	
TBD	D10.2 Wood Framing Treating With Borates or Factory-Impregnated, or Wall Materials Other Than Wood					1	
Yes	<b>D11. Moisture-Resistant Materials in Wet Areas (such as Kitchen, Bathrooms, Utility Rooms, and Basements)</b>	2			1	1	
<b>E. EXTERIOR</b>							
TBD	<b>E1. Environmentally Preferable Decking</b>					1	
Yes	<b>E2. Flashing Installation Third-Party Verified</b>	2				2	
TBD	<b>E3. Rain Screen Wall System</b>					2	
Yes	<b>E4. Durable and Non-Combustible Cladding Materials</b>	1				1	
<b>E5. Durable Roofing Materials</b>							
Yes	E5.1 Durable and Fire Resistant Roofing Materials or Assembly	1				1	
TBD	E5.2 Roofing Warranty for Shingle Roofing		R	R	R	R	R
TBD	<b>E6. Vegetated Roof</b>		2	2			
<b>F. INSULATION</b>							
<b>F1. Insulation with 30% Post-Consumer or 60% Post-Industrial Recycled Content</b>							
TBD	F1.1 Walls and Floors					1	
Yes	F1.2 Ceilings	1				1	
<b>F2. Insulation that Meets the CDPH Standard Method—Residential for Low Emissions</b>							
TBD	F2.1 Walls and Floors				1		
TBD	F2.2 Ceilings				1		
<b>F3. Insulation That Does Not Contain Fire Retardants</b>							
TBD	F3.1 Cavity Walls and Floors				1		
TBD	F3.2 Ceilings				1		
TBD	F3.3 Interior and Exterior Insulation				1		
<b>G. PLUMBING</b>							
<b>G1. Efficient Distribution of Domestic Hot Water</b>							
TBD	G1.1 Insulated Hot Water Pipes			1			
TBD	G1.2 WaterSense Volume Limit for Hot Water Distribution					1	
TBD	G1.3 Increased Efficiency in Hot Water Distribution					2	
<b>G2. Install Water-Efficient Fixtures</b>							
Yes	G2.1 WaterSense Showerheads 1.8 gpm with Matching Compensation Valve	2				2	
Yes	G2.2 WaterSense Bathroom Faucets with 1.0gpm or less	1				1	
≤1.28 gpf	G2.3 WaterSense Toilets with a Maximum Performance (MaP) Threshold of No Less Than 500 Grams 1.28gpf OR 1.1 gpf	1				2	
Yes	G2.4 Urinals with Flush Rate of ≤ 0.1 Gallons/Flush	1				1	
TBD	<b>G3. Pre-Plumbing for Graywater System</b>					1	
TBD	<b>G4. Operational Graywater System</b>					3	
TBD	<b>G5. Thermostatic Shower Valve or Auto-Diversion Tub Spout</b>					1	
Yes	<b>G6. Submeter Water for Tenants</b>	2				2	
<b>H. HEATING, VENTILATION, AND AIR CONDITIONING</b>							
<b>H1. Sealed Combustion Units</b>							

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TBD	H1.1 Sealed Combustion Furnace				1		
TBD	H1.2 Sealed Combustion Water Heater				2		
TBD	<b>H2. High Performing Zoned Hydronic Radiant Heating System</b>			1	1		
	<b>H3. Effective Ductwork</b>						
TBD	H3.1 Duct Mastic on Duct Joints and Seams			1			
TBD	H3.2 Pressure Balance the Ductwork System			1			
Yes	<b>H4. ENERGY STAR® Bathroom Fans Per HVI Standards with Air Flow Verified</b>	1			1		
	<b>H5. Advanced Practices for Cooling</b>						
TBD	H5.1 ENERGY STAR Ceiling Fans in Living Areas and Bedrooms			1			
TBD	H5.2 Operable Windows and Skylights Located to Induce Cross Ventilation in At Least One Room in 80% of Units			1			
	<b>H6. Whole House Mechanical Ventilation Practices to Improve Indoor Air Quality</b>						
TBD	H6.1 Meet ASHRAE Standard 62.2-2010 Ventilation Residential Standards		R	R	R	R	R
TBD	H6.2 Advanced Ventilation Standards				2		
TBD	H6.3 Outdoor Air is Filtered and Tempered				1		
	<b>H7. Effective Range Design and Installation</b>						
Yes	H7.1 Effective Range Hood Ducting and Design	1			1		
TBD	H7.2 Automatic Range Hood Control				1		
TBD	<b>H8. High Efficiency HVAC Filter (MERV 13+)</b>				1		
TBD	<b>H9. Advanced Refrigerants</b> (low global warming potential refrigerants)				1		
<b>I. RENEWABLE ENERGY</b>							
TBD	<b>I1. Pre-Plumbing for Solar Water Heating</b>			1			
Yes	<b>I2. Preparation for Future Photovoltaic Installation</b>	1		1			
0.00%	<b>I3. Onsite Renewable Generation (Solar PV, Solar Thermal, and Wind)</b>	0		25			
	<b>I4. Net Zero Energy Home</b>						
TBD	I4.1 Near Zero Energy Home (offset at least 80% of annual site energy use)			2			
TBD	I4.2 Net Zero Electric (offset 100% of annual site energy use. All electric home required)			4			
TBD	<b>I5. Energy Storage System</b>			1			
TBD	<b>I6. Solar Hot Water Systems to Preheat Domestic Hot Water</b>			4			
TBD	<b>I7. Photovoltaic System for Multifamily Projects</b>			8			
<b>J. BUILDING PERFORMANCE AND TESTING</b>							
TBD	<b>J1. Third-Party Verification of Quality of Insulation Installation</b>				1		
TBD	<b>J2. Supply and Return Air Flow Testing</b>			1	1		
TBD	<b>J3. Mechanical Ventilation Testing</b>				1		
TBD	<b>J4. Combustion Appliance Safety Testing</b>				1		
	<b>J5. Building Energy Performance</b>						
15.00%	J5.1 Home Meets or Exceeds Energy Compliance Pathway	35		25+			
0.00%	J5.2 Non-Residential Spaces Outperform Title 24	0		15			
Yes	<b>J6. Title 24 Prepared and Signed by a CABEC Certified Energy Analyst</b>	1		1			
Yes	<b>J7. Participation in Utility Program with Third-Party Plan Review</b>	1		1			
TBD	<b>J8. ENERGY STAR for Homes</b>			1			
No	<b>J9. EPA Indoor airPlus Certification</b>				1		
TBD	<b>J10. Blower Door Testing</b>				3		
TBD	<b>J11. Compartmentalization of Units</b> (Minimize uncontrolled pathways for indoor air pollutants between units)			1	1		
<b>K. FINISHES</b>							
	<b>K1. Entryways Designed to Reduce Tracked-In Contaminants</b>						
TBD	K1.1 Entryways to Individual Units (Deliberate hard surface at entrances and permanent assembly for shoe storage)				1		
TBD	K1.2 Entryways to Buildings (Deliberate hard surface at entrances and built-in, permanent walk-off mat or grill)				1		
TBD	<b>K2. Zero-VOC Interior Wall and Ceiling Paints</b>				2		
Yes	<b>K3. Low-VOC Caulks and Adhesives</b>	1			1		
	<b>K4. Environmentally Preferable Materials for Interior Finish</b>						
TBD	K4.1 Cabinets					2	
TBD	K4.2 Interior Trim					2	
TBD	K4.3 Shelving					2	
TBD	K4.4 Doors					2	
TBD	K4.5 Countertops					1	
	<b>K5. Formaldehyde Emissions in Interior Finish Exceed CARB</b>						
TBD	K5.1 Doors				1		
TBD	K5.2 Cabinets and Countertops				2		
TBD	K5.3 Interior Trim and Shelving				2		
TBD	<b>K6. Products That Comply With the Health Product Declaration Open Standard</b>				2		
Yes	<b>K7. Indoor Air Formaldehyde Level Less Than 27 Parts Per Billion</b>	2			2		
No	<b>K8. Comprehensive Inclusion of Low Emitting Finishes</b>				1		
Yes	<b>K9. Durable Cabinets</b> (Plywood for casework and doors, ball bearing drawer slides, dovetail joints, two directional metal hinges)	2				2	
TBD	<b>K10. At Least 25% of Interior Furniture Has Environmentally Preferable Attributes</b>					1	
<b>L. FLOORING</b>							
TBD	<b>L1. Environmentally Preferable Flooring</b>					3	

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TBD	<b>L2. Low-Emitting Flooring Meets CDPH 2010 Standard Method—Residential</b>				3		
TBD	<b>L3. Durable Flooring</b> (All flooring is hard surface)					1	
TBD	<b>L4. Thermal Mass Flooring</b>			1			
<b>M. APPLIANCES AND LIGHTING</b>							
Yes	<b>M1. ENERGY STAR® Dishwasher</b>	1					1
	<b>M2. Efficient Clothes Washing and Drying</b>						
TBD	M2.1 CEE-Rated Clothes Washer			1			2
Yes	M2.2 Energy Star Dryer	1		1			
TBD	M2.3 Solar Dryer/ Laundry Lines			0.5			
TBD	<b>M3. Size-Efficient ENERGY STAR Refrigerator</b>			2			
	<b>M4. Permanent Centers for Waste Reduction Strategies</b>						
TBD	M4.1 Built-In Recycling Center					1	
TBD	M4.2 Built-In Composting Center					1	
	<b>M5. Lighting Efficiency</b>						
Yes	M5.1 High-Efficacy Lighting	2		2			
TBD	M5.2 Lighting System Designed to IESNA Footcandle Standards or Designed by Lighting Consultant			2			
TBD	<b>M6. Electric Vehicle Charging Stations and Infrastructure</b>			2			
TBD	<b>M7. Central Laundry</b>						1
TBD	<b>M8. Gearless Elevator</b>			1			
<b>N. COMMUNITY</b>							
	<b>N1. Smart Development</b>						
Yes	N1.1 Infill Site	2	1			1	
TBD	N1.2 Designated Brownfield Site		1			1	
>35	N1.3 Conserve Resources by Increasing Density	4		2		2	
TBD	N1.4 Cluster Homes for Land Preservation		1			1	
	N1.5 Home Size Efficiency					9	
	Enter the area of the home, in square feet						
	Enter the number of bedrooms						
	<b>N2. Home(s)/Development Located Near Major Transit Stop</b>						
TBD	N2.1 Within 1 Mile of a Major Transit Stop		1				
Yes	N2.2 Within 1/2 mile of a Major Transit Stop	2	2				
	<b>N3. Pedestrian and Bicycle Access</b>						
	N3.1 Pedestrian Access to Services Within 1/2 Mile of Community Services	2	2				
8	Enter the number of Tier 1 services						
8	Enter the number of Tier 2 services						
TBD	N3.2 Connection to Pedestrian Pathways		1				
TBD	N3.3 Traffic Calming Strategies		2				
TBD	N3.4 Sidewalks Buffered from Roadways and 5-8 Feet Wide		1				
Yes	N3.5 Bicycle Storage for Residents	1	1				
Yes	N3.6 Bicycle Storage for Non-Residents	1	1				
1 space per unit	N3.7 Reduced Parking Capacity	2	2				
	<b>N4. Outdoor Gathering Places</b>						
TBD	N4.1 Public or Semi-Public Outdoor Gathering Places for Residents		1				
TBD	N4.2 Public Outdoor Gathering Places with Direct Access to Tier 1 Community Services		1				
	<b>N5. Social Interaction</b>						
Yes	N5.1 Residence Entries with Views to Callers	1	1				
TBD	N5.2 Entrances Visible from Street and/or Other Front Doors		1				
TBD	N5.3 Porches Oriented to Street and Public Space		1				
	<b>N6. Passive Solar Design</b>						
TBD	N6.1 Heating Load			2			
TBD	N6.2 Cooling Load			2			
	<b>N7. Adaptable Building</b>						
TBD	N7.1 Universal Design Principles in Units		1		1		
TBD	N7.2 Full-Function Independent Rental Unit		1				
	<b>N8. Resiliency</b>						
TBD	N8.1 Vulnerability Assessment (Cal-Adapt, Fortified Standard, HAZUS, FEMA P58, or Seismic Evaluation)		1		1	1	
TBD	N8.2 Strategies to Address Assessment Findings		1		1	1	
	<b>N9. Social Equity</b>						
TBD	N9.1 Diverse Workforce (Supplier Diversity or Local Hire)		1			1	
TBD	N9.2 Community Location (Disadvantaged Community)		1		1		
	<b>N10. Affordability</b>						
TBD	N10.1 Dedicated Units for Households Making 80% of AMI or Less		2				
TBD	N10.2 Units with Multiple Bedrooms for Households Making 80% of AMI or Less		1				
TBD	N10.3 At Least 20% of Units at 120% AMI or Less are For Sale		1				
	<b>N11. Mixed-Use Developments</b>						
TBD	N11.1 Live/Work Units Include a Dedicated Commercial Entrance		1				

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TBD	N11.2 At Least 2% of Development Floor Space Supports Mixed Use	1						
TBD	N11.3 Half of the Non-Residential Floor Space is Dedicated to Community Service	1						
<b>O. OTHER</b>								
Yes	<b>O1. GreenPoint Rated Checklist in Blueprints</b>	Y	R	R	R	R	R	
Yes	<b>O2. Pre-Construction Kickoff Meeting with Rater and Subcontractors</b>	2		0.5		1	0.5	
TBD	<b>O3. Orientation and Training to Occupants—Conduct Educational Walkthroughs</b>			0.5	0.5	0.5	0.5	
TBD	<b>O4. Builder's or Developer's Management Staff are Certified Green Building Professionals</b>			0.5	0.5	0.5	0.5	
<b>O5. Home System Monitors</b>								
TBD	O5.1 Energy Home System Monitors			1				
TBD	O5.2. Water Home System Monitors						1	
<b>O6. Green Building Education</b>								
Yes	O6.1 Marketing Green Building	2	2					
TBD	O6.2 Green Building Signage			0.5			0.5	
TBD	<b>O7. Green Appraisal Addendum</b>		R	R	R	R	R	
TBD	<b>O8. Detailed Durability Plan and Third-Party Verification of Plan Implementation</b>					1		
TBD	<b>O9. Residents Are Offered Free or Discounted Transit Passes</b>	2						
TBD	<b>O10. Vandalism Deterrence Practices and Vandalism Management Plan</b>					1		
TBD	<b>O11. Smokefree Buildings</b>				2			
TBD	<b>O12. Integrated Pest Management Plan</b>					1		
<b>P. DESIGN CONSIDERATIONS</b>								
<b>P1. Acoustics: Noise and Vibration Control</b>								
	Enter the number of Tier 1 practices	1			1			
	Enter the number of Tier 2 practices							
<b>P2. Mixed-Use Design Strategies</b>								
TBD	P2.1 Tenant Improvement Requirements for Build-Outs				1		1	
TBD	P2.2 Commercial Loading Area Separated for Residential Area				1			
TBD	P2.3 Separate Mechanical and Plumbing Systems				1			
<b>P3. Commissioning</b>								
TBD	P3.1 Design Phase			1	1			
TBD	P3.2 Construction Phase			2	1			
TBD	P3.3 Post-Construction Phase			2	1			
TBD	<b>P4. Building Enclosure Testing</b>			1	1	1		
<b>Summary</b>								
Total Available Points in Specific Categories		374	46	111	69	94	54	
Minimum Points Required in Specific Categories		50	2	25	6	6	6	
<b>Total Points Achieved</b>		<b>96.0</b>	<b>13.0</b>	<b>44.5</b>	<b>6.0</b>	<b>19.0</b>	<b>13.5</b>	