



NEW HOME RATING SYSTEM, VERSION 7.0

MULTIFAMILY

Points Targeted: **110.0**

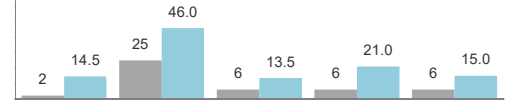
Certification Level: **Gold**

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.

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

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 through Build It Green.



New Home Multifamily Version 7.0

925 S Wolfe Krantz Consultants draft 190412

Measures

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Measures							
CALGreen							
Yes	CALGreen Res (REQUIRED)	4		1	1	1	1
A. SITE							
TBD	A1. Construction Footprint					1	
	A2. Job Site Construction Waste Diversion						
Yes	A2.1 75% C&D Waste Diversion (Including Alternative Daily Cover)	2				2	
Yes	A2.2 65% C&D Waste Diversion (Excluding Alternative Daily Cover)	2				2	
TBD	A2.3 Recycling Rates from Third-Party Verified Mixed-Use Waste Facility					1	
Yes	A3. Recycled Content Base Material	1				1	
TBD	A4. Heat Island Effect Reduction (Non-Roof)			1			
TBD	A5. Construction Environmental Quality Management Plan Including Flush-Out				1		
	A6. Stormwater Control: Prescriptive Path						
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	A7. Stormwater Control: Performance Path						3
B. FOUNDATION							
Yes	B1. Fly Ash and/or Slag in Concrete	1				1	
TBD	B2. Radon-Resistant Construction				2		
TBD	B3. Foundation Drainage System					2	
TBD	B4. Moisture Controlled Crawlspace				1		
	B5. Structural Pest Controls						
TBD	B5.1 Termite Shields and Separated Exterior Wood-to-Concrete Connections					1	
TBD	B5.2 Plant Trunks, Bases, or Stems at Least 36 Inches from the Foundation					1	
C. LANDSCAPE							
6.30%	Enter the landscape area percentage						
Yes	C1. Plants Grouped by Water Needs (Hydrozoning)	0					1
Yes	C2. Three Inches of Mulch in Planting Beds	1					1
	C3. Resource Efficient Landscapes						
Yes	C3.1 No Invasive Species Listed by Cal-IPC	1				1	
TBD	C3.2 Plants Chosen and Located to Grow to Natural Size					1	
TBD	C3.3 Drought Tolerant, California Native, Mediterranean Species, or Other Appropriate Species						3

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		Points Targeted	Community	Energy	IAQ/Health	Resources	Water
C4. Minimal Turf in Landscape							
Yes	C4.1 No Turf on Slopes Exceeding 10% and No Overhead Sprinklers Installed in Areas Less Than Eight Feet Wide	1					2
≤10%	C4.2 Turf on a Small Percentage of Landscaped Area	2					2
TBD	C5. Trees to Moderate Building Temperature			1	1		1
Yes	C6. High-Efficiency Irrigation System	0					2
Yes	C7. One Inch of Compost in the Top Six to Twelve Inches of Soil	0					2
TBD	C8. Rainwater Harvesting System						3
TBD	C9. Recycled Wastewater Irrigation System						1
Yes	C10. Submeter or Dedicated Meter for Landscape Irrigation	0					2
Yes	C11. Landscape Meets Water Budget	0					1
C12. Environmentally Preferable Materials for Site							
TBD	C12.1 Environmentally Preferable Materials for 70% of Non-Plant Landscape Elements and Fencing					1	
TBD	C12.2 Play Structures and Surfaces Have an Average Recycled Content ≥20%					1	
TBD	C13. Reduced Light Pollution		1				
TBD	C14. Large Stature Tree(s)		1				
TBD	C15. Third Party Landscape Program Certification						1
Yes	C16. Maintenance Contract with Certified Professional	1					1
TBD	C17. Community Garden		2				
D. STRUCTURAL FRAME AND BUILDING ENVELOPE							
D1. Optimal Value Engineering							
TBD	D1.1 Joists, Rafters, and Studs at 24 Inches on Center			1		2	
Yes	D1.2 Non-Load Bearing Door and Window Headers Sized for Load	1				1	
TBD	D1.3 Advanced Framing Measures					2	
TBD	D2. Construction Material Efficiencies					1	
D3. Engineered Lumber							
TBD	D3.1 Engineered Beams and Headers					1	
Yes	D3.2 Wood I-Joists or Web Trusses for Floors	1				1	
TBD	D3.3 Engineered Lumber for Roof Rafters					1	
TBD	D3.4 Engineered or Finger-Jointed Studs for Vertical Applications					1	
Yes	D3.5 OSB for Subfloor	0.5				0.5	
Yes	D3.6 OSB for Wall and Roof Sheathing	0.5				0.5	
TBD	D4. Insulated Headers			1			
D5. FSC-Certified Wood							
TBD	D5.1 Dimensional Lumber, Studs, and Timber					6	
TBD	D5.2 Panel Products					3	
D6. Solid Wall Systems							
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	D7. Energy Heels on Roof Trusses			1			
16 inches	D8. Overhangs and Gutters	1		1		1	
D9. Reduced Pollution Entering the Home from the Garage							
TBD	D9.1 Detached Garage				2		
TBD	D9.2 Mitigation Strategies for Attached Garage				1		
D10. Structural Pest and Rot Controls							
TBD	D10.1 All Wood Located At Least 12 Inches Above the Soil					1	

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TBD	D10.2 Wood Framing Treating With Borates or Factory-Impregnated, or Wall Materials Other Than Wood					1	
TBD	D11. Moisture-Resistant Materials in Wet Areas (such as Kitchen, Bathrooms, Utility Rooms, and Basements)				1	1	
E. EXTERIOR							
TBD	E1. Environmentally Preferable Decking					1	
Yes	E2. Flashing Installation Third-Party Verified	2				2	
TBD	E3. Rain Screen Wall System					2	
Yes	E4. Durable and Non-Combustible Cladding Materials	1				1	
	E5. Durable Roofing Materials						
Yes	E5.1 Durable and Fire Resistant Roofing Materials or Assembly	1				1	
Yes	E5.2 Roofing Warranty for Shingle Roofing	Y	R	R	R	R	R
TBD	E6. Vegetated Roof		2	2			
F. INSULATION							
	F1. Insulation with 30% Post-Consumer or 60% Post-Industrial Recycled Content						
TBD	F1.1 Walls and Floors					1	
TBD	F1.2 Ceilings					1	
	F2. Insulation that Meets the CDPH Standard Method—Residential for Low Emissions						
TBD	F2.1 Walls and Floors				1		
TBD	F2.2 Ceilings				1		
	F3. Insulation That Does Not Contain Fire Retardants						
TBD	F3.1 Cavity Walls and Floors				1		
TBD	F3.2 Ceilings				1		
TBD	F3.3 Interior and Exterior Insulation				1		
G. PLUMBING							
	G1. Efficient Distribution of Domestic Hot Water						
Yes	G1.1 Insulated Hot Water Pipes	1		1			
TBD	G1.2 WaterSense Volume Limit for Hot Water Distribution						1
TBD	G1.3 Increased Efficiency in Hot Water Distribution						2
	G2. Install Water-Efficient Fixtures						
Yes	G2.1 WaterSense Showerheads 1.8 gpm with Matching Compensation Valve	2					2
TBD	G2.2 WaterSense Bathroom Faucets with 1.0gpm or less						1
TBD	G2.3 WaterSense Toilets with a Maximum Performance (MaP) Threshold of No Less Than 500 Grams 1.28gpf OR 1.1 gpf						2
TBD	G2.4 Urinals with Flush Rate of ≤ 0.1 Gallons/Flush						1
TBD	G3. Pre-Plumbing for Graywater System						1
TBD	G4. Operational Graywater System						3
TBD	G5. Thermostatic Shower Valve or Auto-Diversion Tub Spout						1
Yes	G6. Submeter Water for Tenants	2					2
H. HEATING, VENTILATION, AND AIR CONDITIONING							
	H1. Sealed Combustion Units						
Yes	H1.1 Sealed Combustion Furnace	1			1		
Yes	H1.2 Sealed Combustion Water Heater	2			2		
TBD	H2. High Performing Zoned Hydronic Radiant Heating System			1	1		
	H3. Effective Ductwork						
Yes	H3.1 Duct Mastic on Duct Joints and Seams	1		1			
TBD	H3.2 Pressure Balance the Ductwork System			1			
Yes	H4. ENERGY STAR® Bathroom Fans Per HVI Standards with Air Flow Verified	1			1		

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H5. Advanced Practices for Cooling							
TBD	H5.1 ENERGY STAR Ceiling Fans in Living Areas and Bedrooms			1			
Yes	H5.2 Operable Windows and Skylights Located to Induce Cross Ventilation in At Least One Room in 80% of Units	1		1			
H6. Whole House Mechanical Ventilation Practices to Improve Indoor Air Quality							
Yes	H6.1 Meet ASHRAE Standard 62.2-2010 Ventilation Residential Standards	Y	R	R	R	R	R
TBD	H6.2 Advanced Ventilation Standards				2		
TBD	H6.3 Outdoor Air is Filtered and Tempered				1		
H7. Effective Range Design and Installation							
TBD	H7.1 Effective Range Hood Ducting and Design				1		
TBD	H7.2 Automatic Range Hood Control				1		
TBD	H8. High Efficiency HVAC Filter (MERV 13+)				1		
Yes	H9 Advanced Refrigerants	1			1		
I. RENEWABLE ENERGY							
TBD	I1. Pre-Plumbing for Solar Water Heating			1			
Yes	I2. Preparation for Future Photovoltaic Installation	1		1			
0.0%	I3. Onsite Renewable Generation (Solar PV, Solar Thermal, and Wind)	0		25			
I4. Net Zero Energy Home							
TBD	I4.1 Near Zero Energy Home			2			
TBD	I4.2 Net Zero Electric			4			
TBD	I5. Energy Storage			1			
TBD	I6. Solar Hot Water Systems to Preheat Domestic Hot Water			4			
TBD	I7. Photovoltaic System for Multifamily Projects			8			
J. BUILDING PERFORMANCE AND TESTING							
TBD	J1. Third-Party Verification of Quality of Insulation Installation				1		
TBD	J2. Supply and Return Air Flow Testing			1	1		
TBD	J3. Mechanical Ventilation Testing and Low Leakage				1		
TBD	J4. Combustion Appliance Safety Testing				1		
J5. Building Performance Exceeds Title 24 Part 6							
Option 1: Compliance Over Title 24	J5.1 Home Outperforms Title 24	25		30+			
10.0%	J5.2 Non-Residential Spaces Outperform Title 24	10.0		15+			
TBD	J6. Title 24 Prepared and Signed by a CABEC Certified Energy Analyst			1			
TBD	J7. Participation in Utility Program with Third-Party Plan Review			1			
TBD	J8. ENERGY STAR for Homes			1			
No	J9. EPA Indoor airPlus Certification				2		
TBD	J10. Blower Door Testing				3		
TBD	J11. Compartmentalization of Units			1	1		
K. FINISHES							
K1. Entryways Designed to Reduce Tracked-In Contaminants							
TBD	K1.1 Entryways to Individual Units				1		
TBD	K1.2 Entryways to Buildings				1		
Yes	K2. Zero-VOC Interior Wall and Ceiling Paints	2			2		
Yes	K3. Low-VOC Caulks and Adhesives	1			1		
K4. Environmentally Preferable Materials for Interior Finish							
TBD	K4.1 Cabinets					2	
TBD	K4.2 Interior Trim					2	
TBD	K4.3 Shelving					2	

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TBD	K4.4 Doors					2	
TBD	K4.5 Countertops					1	
K5. Formaldehyde Emissions in Interior Finish Exceed CARB							
TBD	K5.1 Doors				1		
TBD	K5.2 Cabinets and Countertops				2		
TBD	K5.3 Interior Trim and Shelving				2		
TBD	K6. Products That Comply With the Health Product Declaration Open Standard				2		
TBD	K7. Indoor Air Formaldehyde Level Less Than 27 Parts Per Billion				2		
No	K8. Comprehensive Inclusion of Low Emitting Finishes				1		
TBD	K9. Durable Cabinets					2	
TBD	K10. At Least 25% of Interior Furniture Has Environmentally Preferable Attributes					1	
L. FLOORING							
TBD	L1. Environmentally Preferable Flooring					3	
≥75%	L2. Low-Emitting Flooring Meets CDPH 2010 Standard Method—Residential	3			3		
TBD	L3. Durable Flooring					1	
TBD	L4. Thermal Mass Flooring			1			
M. APPLIANCES AND LIGHTING							
Yes	M1. ENERGY STAR® Dishwasher	1					1
M2. Efficient Clothes Washing and Drying							
CEE Tier 2	M2.1. CEE-Rated Clothes Washer	2		1			2
TBD	M2.2 Energy Star Dryer			1			
TBD	M2.3 Solar Dryer/ Laundry Lines			0.5			
TBD	M3. Size-Efficient ENERGY STAR Refrigerator			2			
M4. Permanent Centers for Waste Reduction Strategies							
Yes	M4.1 Built-In Recycling Center	1				1	
Yes	M4.2 Built-In Composting Center	1				1	
M5. Lighting Efficiency							
Yes	M5.1 High-Efficacy Lighting	2		2			
Yes	M5.2 Lighting System Designed to IESNA Footcandle Standards or Designed by Lighting Consultant	2		2			
Tier 1	M6. Electric Vehicle Charging Stations and Infrastructure	1		2			
TBD	M7. Central Laundry						1
TBD	M8. Gearless Elevator			1			
N. COMMUNITY							
N1. Smart Development							
Yes	N1.1 Infill Site	2	1			1	
TBD	N1.2 Designated Brownfield Site		1			1	
TBD	N1.3 Conserve Resources by Increasing Density			2		2	
TBD	N1.4 Cluster Homes for Land Preservation		1			1	
	N1.5 Home Size Efficiency	1				9	
1800	Enter the area of the home, in square feet						
3	Enter the number of bedrooms						
N2. Home(s)/Development Located Near Transit							
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				
N3. Pedestrian and Bicycle Access							
	N3.1 Pedestrian Access to Services Within 1/2 Mile of Community Services	1	2				

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4	Enter the number of Tier 1 services						
4	Enter the number of Tier 2 services						
TBD	N3.2 Connection to Pedestrian Pathways		1				
Yes	N3.3 Traffic Calming Strategies	2	2				
Yes	N3.4 Sidewalks Buffered from Roadways and 5-8 Feet Wide	1	1				
Yes	N3.5 Bicycle Storage for Residents	1	1				
Yes	N3.6 Bicycle Storage for Non-Residents	1	1				
TBD	N3.7 Reduced Parking Capacity		2				
N4. Outdoor Gathering Places							
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				
N5. Social Interaction							
Yes	N5.1 Residence Entries with Views to Callers	1	1				
Yes	N5.2 Entrances Visible from Street and/or Other Front Doors	1	1				
Yes	N5.3 Porches Oriented to Street and Public Space	1	1				
N6. Passive Solar Design							
TBD	N6.1 Heating Load			2			
TBD	N6.2 Cooling Load			2			
N7. Adaptable Building							
TBD	N7.1 Universal Design Principles in Units		1		1		
TBD	N7.2 Full-Function Independent Rental Unit		1				
N8. Resiliency							
TBD	N8.1 Climate Impact Assessment		1		1	1	
TBD	N8.2 Strategies to Address Assessment Findings		1		1	1	
N9. Social Equity							
TBD	N9.1 Diverse Workforce		1			1	
Yes	N9.2 Community Location	2	1		1		
N10. Affordability							
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				
N11. Mixed-Use Developments							
TBD	N11.1 Live/Work Units Include a Dedicated Commercial Entrance		1				
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				
O. OTHER							
Yes	O1. GreenPoint Rated Checklist in Blueprints	Y	R	R	R	R	R
Yes	O2. Pre-Construction Kickoff Meeting with Rater and Subcontractors	2		0.5		1	0.5
TBD	O3. Orientation and Training to Occupants—Conduct Educational Walkthroughs			0.5	0.5	0.5	0.5
TBD	O4. Builder's or Developer's Management Staff are Certified Green Building Professionals			0.5	0.5	0.5	0.5
O5. Home System Monitors							
TBD	O5.1. Home Energy Monitoring Systems			1			
TBD	O5.2. Home Water System Monitors						1
O6. Green Building Education							
TBD	O6.1 Marketing Green Building		2				
Yes	O6.2 Green Building Signage	1		0.5			0.5

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Yes	O7. Green Appraisal Addendum	Y	R	R	R	R	R
TBD	O8. Detailed Durability Plan and Third-Party Verification of Plan Implementation					1	
TBD	O9. Residents Are Offered Free or Discounted Transit Passes		2				
TBD	O10. Vandalism Deterrence Practices and Vandalism Management Plan					1	
TBD	O11. Tobacco Free Buildings				2		
TBD	O12. Integrated Pest Management Plan					1	
P. DESIGN CONSIDERATIONS							
	P1. Acoustics: Noise and Vibration Control	1	1		1		
4	Enter the number of Tier 1 practices						
2	Enter the number of Tier 2 practices						
	P2. Mixed-Use Design Strategies						
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		
	P3. Commissioning						
TBD	P3.1 Design Phase			1	1		
TBD	P3.2 Construction Phase			2	1		
TBD	P3.3 Post-Construction Phase			2	1		
TBD	P4. Building Enclosure Testing			1	1	1	
INNOVATIONS							
TBD	Enter Innovation 1 description here. Enter up to four points at right.						
TBD	Enter Innovation 2 description here. Enter up to four points at right.						
TBD	Enter Innovation 3 description here. Enter up to four points at right.						
TBD	Enter Innovation 4 description here. Enter up to four points at right.						
Summary			Community	Energy	IAQ/Health	Resources	Water
Total Available Points in Specific Categories		360	46	96	70	94	54
Minimum Points Required in Specific Categories		50	2	25	6	6	6
Total Points Targeted		110.0	14.5	46.0	13.5	21.0	15.0