



NEW HOME RATING SYSTEM, VERSION 7.0

MULTIFAMILY CHECKLIST

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
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.

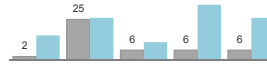
New Home Multifamily Version 7

Total Points Targeted: 112

Certification Level: G Id

POINTS REQUIRED

■ Minimum Points
 ■ Targeted Points



Project Name: Aquatic Ashby Street: 3000 San Pablo City: Berkeley Project Zip: 94702		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
Measures		Possible Points						Notes
CALGreen								
Yes	CALGreen Res (REQUIRED)	4	1	1	1	1		
A. SITE								
No	A1. Construction Footprint	0				1		
A2. Job Site Construction Waste Diversion								
No	A2.1 75% C&D Waste Diversion (Including Alternative Daily Cover)	0				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		
TBD	A3. Recycled Content Base Material					1		
No	A4. Heat Island Effect Reduction (Non-Roof)	0	1					
Yes	A5. Construction Environmental Quality Management Plan Including Flush-Out	1		1				
A6. Stormwater Control: Prescriptive Path								
No	A6.1 Permeable Paving Material	0					1	
Yes	A6.2 Filtration and/or Bio-Retention Features	0					1	
TBD	A6.3 Non-Leaching Roofing Materials						1	
No	A6.4 Smart Stormwater Street Design	0	1					
Yes	A7. Stormwater Control: Performance Path	0					3	
B. FOUNDATION								
No	B1. Fly Ash and/or Slag in Concrete	0				1		
No	B2. Radon-Resistant Construction	0		2				
Yes	B3. Foundation Drainage System	2				2		
N/A	B4. Moisture Controlled Crawlspace	0		1				
B5. Structural Pest Controls								
Yes	B5.1 Termite Shields and Separated Exterior Wood-to-Concrete Connections	1				1		
Yes	B5.2 Plant Trunks, Bases, or Stems at Least 36 Inches from the Foundation	1				1		
C. LANDSCAPE								
17.00%	Enter the landscape area percentage							
Yes	C1. Plants Grouped by Water Needs (Hydrozoning)	1					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		
Yes	C3.2 Plants Chosen and Located to Grow to Natural Size	1				1		
Yes	C3.3 Drought Tolerant, California Native, Mediterranean Species, or Other Appropriate Species	3					3	
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	2					2	
Yes	C4.2 Turf on a Small Percentage of Landscaped Area	2					2	
No	C5. Trees to Moderate Building Temperature	0	1	1			1	
Yes	C6. High-Efficiency Irrigation System	2					2	
Yes	C7. One Inch of Compost in the Top Six to Twelve Inches of Soil	2					2	
No	C8. Rainwater Harvesting System	0					3	
No	C9. Recycled Wastewater Irrigation System	0					1	
Yes	C10. Submeter or Dedicated Meter for Landscape Irrigation	2					2	
No	C11. Landscape Meets Water Budget	0					1	
C12. Environmentally Preferable Materials for Site								
No	C12.1 Environmentally Preferable Materials for 70% of Non-Plant Landscape Elements and Fencing	0				1		
No	C12.2 Play Structures and Surfaces Have an Average Recycled Content ≥20%	0				1		
Yes	C13. Reduced Light Pollution	1	1					
No	C14. Large Stature Tree(s)	0	1					
No	C15. Third Party Landscape Program Certification	0					1	
TBD	C16. Maintenance Contract with Certified Professional						1	
No	C17. Community Garden	0	2					

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		Points Achieved	Community	Energy	IAQ/Health	Resources	Water
D. STRUCTURAL FRAME AND BUILDING ENVELOPE							
D1. Optimal Value Engineering							
No	D1.1 Joists, Rafters, and Studs at 24 Inches on Center	0		1		2	
Yes	D1.2 Non-Load Bearing Door and Window Headers Sized for Load	1				1	
No	D1.3 Advanced Framing Measures	0				2	
No	D2. Construction Material Efficiencies	0				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	
Yes	D3.3 Engineered Lumber for Roof Rafters	1				1	
No	D3.4 Engineered or Finger-Jointed Studs for Vertical Applications	0				1	
Yes	D3.5 OSB for Subfloor	0.5				0.5	
Yes	D3.6 OSB for Wall and Roof Sheathing	0.5				0.5	
No	D4. Insulated Headers	0		1			
D5. FSC-Certified Wood							
TBD	D5.1 Dimensional Lumber, Studs, and Timber					6	
TBD	D5.2 Panel Products					3	
D6. Solid Wall Systems							
No	D6.1 At Least 90% of Floors	0				1	
No	D6.2 At Least 90% of Exterior Walls	0		1		1	
No	D6.3 At Least 90% of Roofs	0		1		1	
Yes	D7. Energy Heels on Roof Trusses	1		1			
No	D8. Overhangs and Gutters	0		1		1	
D9. Reduced Pollution Entering the Home from the Garage							
No	D9.1 Detached Garage	0			2		
No	D9.2 Mitigation Strategies for Attached Garage	0			1		
D10. Structural Pest and Rot Controls							
Yes	D10.1 All Wood Located At Least 12 Inches Above the Soil	1				1	
Yes	D10.2 Wood Framing Treating With Borates or Factory-Impregnated, or Wall Materials Other Than Wood	1				1	
Yes	D11. moisture-resistant materials in wet Areas (such as kitchen, bathrooms, utility Rooms, and Basements)	2			1	1	
E. EXTERIOR							
TBD	E1. Environmentally Preferable Decking					1	
TBD	E2. Flashing Installation Third-Party Verified					2	
Yes	E3. Rain Screen Wall System	2				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
No	E6. Vegetated Roof	0	2	2			
F. INSULATION							
F1. Insulation with 30% Post-Consumer or 60% Post-Industrial Recycled Content							
No	F1.1 Walls and Floors	0				1	
No	F1.2 Ceilings	0				1	
F2. Insulation that Meets the CDPH Standard Method—Residential for Low Emissions							
No	F2.1 Walls and Floors	0			1		
No	F2.2 Ceilings	0			1		
F3. Insulation That Does Not Contain Fire Retardants							
No	F3.1 Cavity Walls and Floors	0			1		
No	F3.2 Ceilings	0			1		
No	F3.3 Interior and Exterior Insulation	0			1		
G. PLUMBING							
G1. Efficient Distribution of Domestic Hot Water							
Yes	G1.1 Insulated Hot Water Pipes	1		1			
Yes	G1.2 WaterSense Volume Limit for Hot Water Distribution	1				1	
No	G1.3 Increased Efficiency in Hot Water Distribution	0				2	
G2. Install Water-Efficient Fixtures							
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) 1 threshold of No Less than 500 Grams 1.28gpf OR 1.1 gpf	1				2	
No	G2.4 Urinals with Flush Rate of ≤ 0.1 Gallons/Flush	0				1	
No	G3. Pre-Plumbing for Graywater System	0				1	
No	G4. Operational Graywater System	0				3	
Yes	G5. Thermostatic Shower Valve or Auto-Diversion Tub Spout	1				1	
Yes	G6. Submeter Water for Tenants	2				2	
H. HEATING, VENTILATION, AND AIR CONDITIONING							

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H1. Sealed Combustion Units							
TBD	H1.1 Sealed Combustion Furnace				1		
TBD	H1.2 Sealed Combustion Water Heater				2		
No	H2. High Performing Zoned Hydronic Radiant Heating System	0		1	1		
H3. Effective Ductwork							
Yes	H3.1 Duct Mastic on Duct Joints and Seams	1		1			
Yes	H3.2 Pressure Balance the Ductwork System	1		1			
No	H4. ENERGY STAR® Bathroom Fans Per HVI Standards with Air Flow Verified	0			1		
H5. Advanced Practices for Cooling							
No	H5.1 ENERGY STAR Ceiling Fans in Living Areas and Bedrooms	0		1			
No	H5.2 Operable Windows and Skylights Located to Induce Cross Ventilation in At Least One Room in 80% of Units	0		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
No	H6.2 Advanced Ventilation Standards	0			2		
Yes	H6.3 Outdoor Air is Filtered and Tempered	1			1		
H7. Effective Range Design and Installation							
Yes	H7.1 Effective Range Hood Ducting and Design	1			1		
No	H7.2 Automatic Range Hood Control	0			1		
No	H8. High Efficiency HVAC Filter (MERV 13+)	0			1		
No	H9. Advanced Refrigerants	0			1		
I. RENEWABLE ENERGY							
No	I1. Pre-Plumbing for Solar Water Heating	0		1			
Yes	I2. Preparation for Future Photovoltaic Installation	1		1			
0.00%	I3. Onsite Renewable Generation (Solar PV, Solar Thermal, and Wind)	0		25			
I4. Net Zero Energy Home							
No	I4.1 Near Zero Energy Home	0		2			
No	I4.2 Net Zero Electric	0		4			
No	I5. Energy Storage System	0		1			
No	I6. Solar Hot Water Systems to Preheat Domestic Hot Water	0		4			
No	I7. Photovoltaic System for Multifamily Projects	0		8			
J. BUILDING PERFORMANCE AND TESTING							
No	J1. Third-Party Verification of Quality of Insulation Installation	0			1		
No	J2. Supply and Return Air Flow Testing	0		1	1		
No	J3. Mechanical Ventilation Testing	0			1		
No	J4. Combustion Appliance Safety Testing	0			1		
J5. Building Energy Performance							
1.00%	J5.1 Home Meets or Exceeds Energy Compliance Pathway	7		30			
1.00%	J5.2 Non-Residential Spaces Outperform Title 24	1		15			
Yes	J6. Title 24 Prepared and Signed by a CABEC Certified Energy Analyst	1		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				1		
No	J10. Blower Door Testing	0			3		
No	J11. Compartmentalization of Units	0		1	1		
K. FINISHES							
K1. Entryways Designed to Reduce Tracked-In Contaminants							
No	K1.1 Entryways to Individual Units	0			1		
Yes	K1.2 Entryways to Buildings	1			1		
TBD	K2. Zero-VOC Interior Wall and Ceiling Paints				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		
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							

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TBD	L1. Environmentally Preferable Flooring					3	
TBD	L2. Low-Emitting Flooring Meets CDPH 2010 Standard Method--Residential				3		
Yes	L3. Durable Flooring	1				1	
No	L4. Thermal Mass Flooring	0	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
Yes	M2.2 Energy Star Dryer	1		1			
No	M2.3 Solar Dryer/ Laundry Lines	0		0.5			
<20 cubic feet	M3. Size-Efficient ENERGY STAR Refrigerator	2		2			
	M4. Permanent Centers for Waste Reduction Strategies						
TBD	M4.1 Built-In Recycling Center					1	
TBD	M4.2 Built-In Composting Center					1	
	M5. Lighting Efficiency						
Yes	M5.1 High-Efficacy Lighting	2		2			
Yes	M5.2 Lighting System Designed to Exceed Footcandle Standards or Designed by Lighting Consultant	2		2			
TBD	M6. Electric Vehicle Charging Stations and Infrastructure			2			
No	M7. Central Laundry	0					1
Yes	M8. Gearless Elevator	1		1			
N. COMMUNITY							
	N1. Smart Development						
Yes	N1.1 Infill Site	2	1			1	
No	N1.2 Designated Brownfield Site	0	1			1	
>35	N1.3 Conserve Resources by Increasing Density	4		2		2	
Yes	N1.4 Cluster Homes for Land Preservation	2	1			1	
	N1.5 Home Size Efficiency	9				9	
811	Enter the area of the home, in square feet						
2	Enter the number of bedrooms						
	N2. Home(s)/Development Located Near Major Transit Stop						
Yes	N2.1 Within 1 Mile of a Major Transit Stop	1	1				
Yes	N2.2 Within 1/2 mile of a Major Transit Stop	0	2				
	N3. Pedestrian and Bicycle Access						
	N3.1 Pedestrian Access to Services Within 1/2 Mile of Community Services	2	2				
63	Enter the number of Tier 1 services						
23	Enter the number of Tier 2 services						
No	N3.2 Connection to Pedestrian Pathways	0	1				
No	N3.3 Traffic Calming Strategies	0	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				
1 space per unit	N3.7 Reduced Parking Capacity	2	2				
	N4. Outdoor Gathering Places						
Yes	N4.1 Public or Semi-Public Outdoor Gathering Places for Residents	1	1				
No	N4.2 Public Outdoor Gathering Places with Direct Access to Tier 1 Community Services	0	1				
	N5. Social Interaction						
No	N5.1 Residence Entries with Views to Callers	0	1				
Yes	N5.2 Entrances Visible from Street and/or Other Front Doors	1	1				
No	N5.3 Porches Oriented to Street and Public Space	0	1				
	N6. Passive Solar Design						
No	N6.1 Heating Load	0		2			
No	N6.2 Cooling Load	0		2			
	N7. Adaptable Building						
Yes	N7.1 Universal Design Principles in Units	2	1		1		
No	N7.2 Full-Function Independent Rental Unit	0	1				
	N8. Affordability						
No	N8.1 Dedicated Units for Households Making 80% of AMI or Less	0	2				
No	N8.2 Units with Multiple Bedrooms for Households Making 80% of AMI or Less	0	1				
TBD	N8.3 At Least 20% of Units at 120% AMI or Less are For Sale		1				
	N9. Mixed-Use Developments						
No	N9.1 Live/Work Units Include a Dedicated Commercial Entrance	0	1				
Yes	N9.2 At Least 2% of Development Floor Space Supports Mixed Use	1	1				5.2% of developed space devoted to commercial
No	N9.3 Half of the Non-Residential Floor Space is Dedicated to Community Service	0	1				
	N8. Resiliency						
TBD	N8.1 Climate Impact Assessment		1		1	1	
TBD	N8.2 Strategies to Address Assessment Findings		1		1	1	

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N9. Social Equity							
No	N9.1 Diverse Workforce	0	1			1	
No	N9.2 Community Location	0	1		1		
O. OTHER							
Yes	O1. GreenPoint Rated Checklist in Blueprints	Y	R	R	R	R	R
TBD	O2. Pre-Construction Kickoff Meeting with Rater and Subcontractors			0.5		1	0.5
No	O3. Orientation and Training to Occupants—Conduct Educational Walkthroughs	0		0.5	0.5	0.5	0.5
No	O4. Builder's or Developer's Management Staff are Certified Green Building Professionals	0		0.5	0.5	0.5	0.5
O5. Home System Monitors							
No	O5.1 Energy Home System Monitors	0		1			
No	O5.2 Water Home System Monitors	0					1
O6. Green Building Education							
TBD	O6.1 Marketing Green Building		2				
TBD	O6.2 Green Building Signage			0.5			0.5
Yes	O7. Green Appraisal Addendum	Y	R	R	R	R	R
No	O8. Detailed Durability Plan and Third-Party Verification of Plan Implementation	0				1	
No	O9. Residents Are Offered Free or Discounted Transit Passes	0	2				
TBD	O10. Vandalism Deterrence Practices and Vandalism Management Plan					1	
Yes	O11. Tobacco Free Buildings	2			2		
TBD	O12. Integrated Pest Management Plan					1	
P. DESIGN CONSIDERATIONS							
P1. Acoustics: Noise and Vibration Control			1		1		
	Enter the number of Tier 1 practices						
	Enter the number of Tier 2 practices						
P2. Mixed-Use Design Strategies							
TBD	P2.1 Tenant Improvement Requirements for Build-Outs				1		1
No	P2.2 Commercial Loading Area Separated for Residential Area	0			1		
Yes	P2.3 Separate Mechanical and Plumbing Systems	1			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		
No	P4. Building Enclosure Testing	0		1	1	1	
Summary							
Total Available Points in Specific Categories		404	46	141	69	94	54
Minimum Points Required in Specific Categories		50	2	25	6	6	6
Total Points Achieved		112.0	15.0	26.0	11.0	34.0	26.0