



NEW HOME RATING SYSTEM, VERSION 6.0

MULTIFAMILY CHECKLIST

Total Points Targeted: 71

Certification Level: Certified

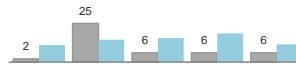
The GreenPoint Rated checklist tracks green features incorporated into the home. GreenPoint Rated is administered by Build It Green, a non-profit whose mission is to promote healthy, energy and resource efficient buildings in California. The minimum requirements of GreenPoint Rated are: verification 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 (8); 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. This is the public version of the Checklist and cannot be used for certification.

POINTS REQUIRED

■ Minimum Points
■ Targeted Points



New Home Multifamily Version 6.0.2

1900 4th Street Apartments		Points Achieved	Possible Points					Notes
Measures			Community	Energy	IAQ/Health	Resources	Water	
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 65% C&D Waste Diversion (Including Alternative Daily Cover)	2			2			
≥65%	A2.2 65% C&D Waste Diversion (Excluding Alternative Daily Cover)	4			2			
Yes	A2.3 Recycling Rates from Third-Party Verified Mixed-Use Waste Facility	1			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								
No	A6.1 Permeable Paving Material	0				1		
TBD	A6.2 Filtration and/or Bio-Retention Features					1		
Yes	A6.3 Non-Leaching Roofing Materials	1				1		
Yes	A6.4 Smart Stormwater Street Design	1	1					
No	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				
No	B3. Foundation Drainage System	0			2			
No	B4. Moisture Controlled Crawlspace	0		1				
B5. Structural Pest Controls								
No	B5.1 Termite Shields and Separated Exterior Wood-to-Concrete Connections	0			1			
No	B5.2 Plant Trunks, Bases, or Stems at Least 36 Inches from the Foundation	0			1			
C. LANDSCAPE								
0.00%	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	0			1			
Yes	C3.3 Drought Tolerant, California Native, Mediterranean Species, or Other Appropriate Species	0				3		
C4. Minimal Turf in Landscape								
No	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		
No	C5. Trees to Moderate Building Temperature	0	1	1		1		
TBD	C6. High-Efficiency Irrigation System					2		
No	C7. One Inch of Compost in the Top Six to Twelve Inches of Soil	0				2		
No	C8. Rainwater Harvesting System	0				3		
Yes	C9. Recycled Wastewater Irrigation System	0				1		
Yes	C10. Submeter or Dedicated Meter for Landscape Irrigation	0				2		
TBD	C11. Landscape Meets Water Budget					2		
C12. Environmentally Preferable Materials for Site								
No	C12.1 Environmentally Preferable Materials for 70% of Non-Plant Landscape Elements and Fencing	0			1			
Yes	C12.2 Play Structures and Surfaces Have an Average Recycled Content ≥20%	1			1			
No	C13. Reduced Light Pollution	0	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					
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			
No	D1.2 Non-Load Bearing Door and Window Headers Sized for Load	0			1			
No	D1.3 Advanced Framing Measures	0			2			
No	D2. Construction Material Efficiencies	0			1			
D3. Engineered Lumber								
No	D3.1 Engineered Beams and Headers	0			1			
No	D3.2 Wood I-Joists or Web Trusses for Floors	0			1			
No	D3.3 Engineered Lumber for Roof Rafters	0			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			
Yes	D4. Insulated Headers	1	1					
D5. FSC-Certified Wood								
No	D5.1 Dimensional Lumber, Studs, and Timber	0			6			
No	D5.2 Panel Products	0			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					
16 inches	D8. Overhangs and Gutters	1	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								

1900 4th Street Apartments		Points Achieved	Community	Energy	IAQ/Health	Resources	Water
No	D10.1 All Wood Located At Least 12 Inches Above the Soil	0				1	
No	D10.2 Wood Framing Treating With Borates or Factory-Impregnated, or Wall Materials Other Than Wood	0				1	
Yes	D11. Moisture-Resistant Materials in Wet Areas (such as Kitchen, Bathrooms, Utility Rooms, and Basements)	2			1	1	
E. EXTERIOR							
No	E1. Environmentally Preferable Decking	0				1	
No	E2. Flashing Installation Third-Party Verified	0				2	
No	E3. Rain Screen Wall System	0				2	
No	E4. Durable and Non-Combustible Cladding Materials	0				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							
Yes	F3.1 Cavity Walls and Floors	1			1		
Yes	F3.2 Ceilings	1			1		
Yes	F3.3 Interior and Exterior Insulation	1			1		
G. PLUMBING							
G1. Efficient Distribution of Domestic Hot Water							
Yes	G1.1 Insulated Hot Water Pipes	1		1			
No	G1.2 WaterSense Volume Limit for Hot Water Distribution	0				1	
No	G1.3 Increased Efficiency in Hot Water Distribution	0				2	
G2. Install Water-Efficient Fixtures							
Yes	G2.1 WaterSense Showerheads with Matching Compensation Valve	2				2	
Yes	G2.2 WaterSense Bathroom Faucets	1				1	
Yes	G2.3 WaterSense Toilets with a Maximum Performance (MaP) Threshold of No Less Than 500 Grams	1				1	
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	
No	G5. Submeter Water for Tenants	0				2	
H. HEATING, VENTILATION, AND AIR CONDITIONING							
H1. Sealed Combustion Units							
No	H1.1 Sealed Combustion Furnace	0			1		
Yes	H1.2 Sealed Combustion Water Heater	2			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			
No	H3.2 Pressure Balance the Ductwork System	0		1			
Yes	H4. ENERGY STAR® Bathroom Fans Per HVI Standards with Air Flow Verified	1			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			1		
No	H6.3 Outdoor Air Ducted to Bedroom and Living Areas	0			2		
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		
I. RENEWABLE ENERGY							
No	I1. Pre-Plumbing for Solar Water Heating	0		1			
No	I2. Preparation for Future Photovoltaic Installation	0		1			
	I3. Onsite Renewable Generation (Solar PV, Solar Thermal, and Wind)			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. Solar Hot Water Systems to Preheat Domestic Hot Water	0		4			
No	I6. Photovoltaic System for Multifamily Projects	0		12			
J. BUILDING PERFORMANCE AND TESTING							
Yes	J1. Third-Party Verification of Quality of Insulation Installation	1			1		
Yes	J2. Supply and Return Air Flow Testing	2		1	1		
Yes	J3. Mechanical Ventilation Testing and Low Leakage	1			1		
Yes	J4. Combustion Appliance Safety Testing	1			1		
2013	J5. Building Performance Exceeds Title 24 Part 6						
0.0%	J5.1 Home Outperforms Title 24	0		30			
0.0%	J5.2 Non-Residential Spaces Outperform Title 24	0		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			
No	J8. ENERGY STAR for Homes	0		1			
No	J9. EPA Indoor airPlus Certification				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		
No	K2. Zero-VOC Interior Wall and Ceiling Paints	0			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		
No	K7. Indoor Air Formaldehyde Level Less Than 27 Parts Per Billion	0			2		
No	K8. Comprehensive Inclusion of Low Emitting Finishes				1		
No	K9. Durable Cabinets	0			2		
TBD	K10. At Least 25% of Interior Furniture Has Environmentally Preferable Attributes				1		
L. FLOORING							
TBD	L1. Environmentally Preferable Flooring					3	
TBD	L2. Low-Emitting Flooring Meets CDPH 2010 Standard Method—Residential				3		

1900 4th Street Apartments		Points Achieved	Community	Energy	IAQ/Health	Resources	Water
TBD	L3. Durable Flooring						
No	L4. Thermal Mass Flooring	0		1			
M. APPLIANCES AND LIGHTING							
Yes	M1. ENERGY STAR® Dishwasher	1				1	
No	M2. CEE-Rated Clothes Washer	0		1		2	
<25 cubic feet	M3. Size-Efficient ENERGY STAR Refrigerator	1		2			
M4. Permanent Centers for Waste Reduction Strategies							
No	M4.1 Built-In Recycling Center	0				1	
No	M4.2 Built-In Composting Center	0				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			
Yes	M6. Central Laundry	1				1	
No	M7. Gearless Elevator	0		1			
N. COMMUNITY							
N1. Smart Development							
No	N1.1 Infill Site	0	1			1	
No	N1.2 Designated Brownfield Site	0	1		1		
>25	N1.3 Conserve Resources by Increasing Density	2		2		2	
No	N1.4 Cluster Homes for Land Preservation	0	1			1	
	N1.5 Home Size Efficiency					9	
	Enter the area of the home, in square feet						
	Enter the number of bedrooms						
TBD	N2. Home(s)/Development Located Within 1/2 Mile of a Major Transit Stop		2				
N3. Pedestrian and Bicycle Access							
	N3.1 Pedestrian Access to Services Within 1/2 Mile of Community Services		2				
	Enter the number of Tier 1 services						
	Enter the number of Tier 2 services						
Yes	N3.2 Connection to Pedestrian Pathways	1	1				
No	N3.3 Traffic Calming Strategies	0	2				
No	N3.4 Sidewalks Buffered from Roadways and 5-8 Feet Wide	0	1				
No	N3.5 Bicycle Storage for Residents	0	1				
Yes	N3.6 Bicycle Storage for Non-Residents	1	1				
No	N3.7 Reduced Parking Capacity	0	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				
Yes	N5.4 Social Gathering Space	1	1				
N6. Passive Solar Design							
No	N6.1 Heating Load	0		2			
No	N6.2 Cooling Load	0		2			
N7. Adaptable Building							
TBD	N7.1 Universal Design Principles in Units		1		1		
No	N7.2 Full-Function Independent Rental Unit	0	1				
N8. Affordability							
≥25%	N8.1 Dedicated Units for Households Making 80% of AMI or Less	1	2				
Yes	N8.2 Units with Multiple Bedrooms for Households Making 80% of AMI or Less	1	1				
Yes	N8.3 At Least 20% of Units at 120% AMI or Less are For Sale	1	1				
N9. Mixed-Use Developments							
No	N9.1 Live/Work Units Include a Dedicated Commercial Entrance	0	1				
No	N9.2 At Least 2% of Development Floor Space Supports Mixed Use	0	1				
No	N9.3 Half of the Non-Residential Floor Space is Dedicated to Community Service	0	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
Yes	O3. Orientation and Training to Occupants—Conduct Educational Walkthroughs	2		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
No	O5. Home System Monitors	0		2			1
O6. Green Building Education							
Yes	O6.1 Marketing Green Building	2	2				
Yes	O6.2 Green Building Signage	1		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				
Yes	O10. Vandalism Deterrence Practices and Vandalism Management Plan	1				1	
P. DESIGN CONSIDERATIONS							
P1. Acoustics: Noise and Vibration Control							
	Enter the number of Tier 1 practices		1		1		
	Enter the number of Tier 2 practices						
P2. Mixed-Use Design Strategies							
No	P2.1 Tenant Improvement Requirements for Build-Outs	0			1		1
No	P2.2 Commercial Loading Area Separated from Residential Area	0			1		
No	P2.3 Separate Mechanical and Plumbing Systems	0			1		
P3. Commissioning							
No	P3.1 Design Phase	0		1	1		
No	P3.2 Construction Phase	0		1	1		
No	P3.3 Post-Construction Phase	0		1	1		
No	P4. Building Enclosure Testing	0		1	1	1	
Summary							
Total Available Points in Specific Categories		381	43	138	61	86	53
Minimum Points Required in Specific Categories		50	2	25	6	6	6
Total Points Achieved		71.0	11.0	14.5	15.5	18.5	11.5