



NEW HOME RATING SYSTEM, VERSION 7.0

MULTIFAMILY CHECKLIST

Total Points Targeted: 126

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.

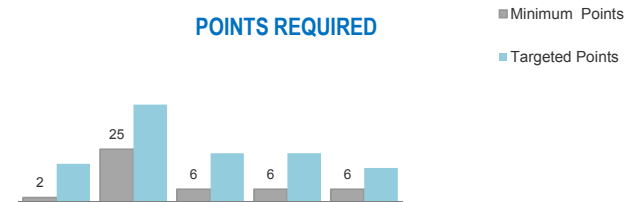
The criteria for the green building practices listed below are described in the GreenPoint Rated New Home Rating Manual. For more information please visit www.builditgreen.org/greenpointrated
Build It Green is not a code enforcement agency.

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: Enclave Dormitory
Project Street: 2503 Haste St
Project City: Berkeley
Project Zip: 94704

POINTS REQUIRED



Measures		Points Achieved	Possible Points					Notes
			Community	Energy	IAQ/Health	Resources	Water	
CALGreen								
TBD	CALGreen Res (REQUIRED)			1	1	1	1	
A. SITE								
No	A1. Construction Footprint (Site Preservation Plan Beyond Local Ordinance OR 40% of Site Undeveloped and Undisturbed)	0				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		
Yes	A2.3 Recycling Rates from Third-Party Verified Mixed-Use Waste Facility	1				1		
No	A3. Recycled Content Base Material (Minimum 25% Post-Consumer Content)	0				1		
No	A4. Heat Island Effect Reduction (Non-Roof)	0		1				
TBD	A5. Construction Environmental Quality Management Plan Including Flush-Out				1			Ducttesters to verify
A6. Stormwater Control: Prescriptive Path								
No	A6.1 Permeable Paving Material	0					1	
No	A6.2 Filtration and/or Bio-Retention Features	0					1	
No	A6.3 Non-Leaching Roofing Materials	0					1	
No	A6.4 Smart Stormwater Street Design	0	1					
Yes	A7. Stormwater Control: Performance Path (Capture and Treat 85% of Annual Runoff Onsite)	3					3	
B. FOUNDATION								
No	B1. Fly Ash and/or Slag in Concrete (Minimum of 30%)	0				1		
No	B2. Radon-Resistant Construction	0			2			

Project Name: Enclave Dormitory Project Street: 2503 Haste St Project City: Berkeley Project Zip: 94704		Points Achieved	Community	Energy	IAQ/Health	Resources	Water
Yes	B3. Foundation Drainage System	2				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	
Yes	B5.2 Plant Trunks, Bases, or Stems at Least 36 Inches from the Foundation	1				1	
C. LANDSCAPE							
5.40%	Enter the landscape area percentage. Points capped at 3 for areas less than 15%.						
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 (Limited Maintenance)	0				1	
Yes	C3.3 Drought Tolerant, California Native, Mediterranean Species, or Other Appropriate Species	0					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	0					2
Yes	C4.2 Turf on a Small Percentage of Landscaped Area	0					2
No	C5. Trees to Moderate Building Temperature (at least 50% of West Facing Glazing and Walls Shaded)	0		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 (with Soil Testing)	0					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	0					2
≤0.5 ETo	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	
No	C13. Reduced Light Pollution (Exterior lighting fixtures shielded and directed downward)	0	1				
No	C14. Large Stature Tree(s)	0	1				
No	C15. Third Party Landscape Program Certification	0					1
Yes	C16. Maintenance Contract with Certified Professional (Bay-Friendly Qualified Professional or Equiv.)	1					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	

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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 (Pre-assembled wall and roof framing for at least 80% of project)	0				1		
	D3. Engineered Lumber							
Yes	D3.1 Engineered Beams and Headers	1				1		
Yes	D3.2 Wood I-Joists or Web Trusses for Floors	1				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		
No	D4. Insulated Headers	0		1				
	D5. FSC-Certified Wood							
TBD	D5.1 Dimensional Lumber, Studs, and Timber					6		WEST to verify
TBD	D5.2 Panel Products					3		Ducttesters to verify
	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		
No	D10.2 Wood Framing Treating With Borates or Factory-Impregnated, or Wall Materials Other Than Wood	0				1		
TBD	D11. Moisture-Resistant Materials in Wet Areas (such as Kitchen, Bathrooms, Utility Rooms, and Basements)				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		
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	

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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) 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	
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	
No	G6. Submeter Water for Tenants	0				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		
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			

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No	H3.2 Pressure Balance the Ductwork System	0		1				Requires installing transfers in all bedrooms - cost addition
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	
Yes	H6.2 Advanced Ventilation Standards	2			2			Sign at breaker or wall switch to be provided by GC. Coordination needed
Yes	H6.3 Outdoor Air is Filtered and Tempered	1			1			
H7. Effective Range Design and Installation								
No	H7.1 Effective Range Hood Ducting and Design	0			1			
No	H7.2 Automatic Range Hood Control	0			1			
Yes	H8. High Efficiency HVAC Filter (MERV 13+)	1			1			
Yes	H9. Advanced Refrigerants (low global warming potential refrigerants)	1			1			
I. RENEWABLE ENERGY								
Yes	I1. Pre-Plumbing for Solar Water Heating	1		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 (offset at least 80% of annual site energy use)	0		2				
No	I4.2 Net Zero Electric (offset 100% of annual site energy use. All electric home required)	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			
Yes	J2. Supply and Return Air Flow Testing	2		1	1			Ductesters?

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Yes	J3. Mechanical Ventilation Testing	1			1			Ducttesters?
Yes	J4. Combustion Appliance Safety Testing	1			1			WEST to verify
	J5. Building Energy Performance							
10.00%	J5.1 Home Meets or Exceeds Energy Compliance Pathway	25		25+				Ducttesters?
0.00%	J5.2 Non-Residential Spaces Outperform Title 24	0		15				Ducttesters?
Yes	J6. Title 24 Prepared and Signed by a CABEC Certified Energy Analyst	1		1				Ducttesters?
Yes	J7. Participation in Utility Program with Third-Party Plan Review	1		1				PG&E Savings by Design?
Yes	J8. ENERGY STAR for Homes	1		1				
No	J9. EPA Indoor airPlus Certification				1			
No	J10. Blower Door Testing	0			3			Ducttesters
Yes	J11. Compartmentalization of Units (Minimize uncontrolled pathways for indoor air pollutants between units)	2		1	1			
K. FINISHES								
	K1. Entryways Designed to Reduce Tracked-In Contaminants							
No	K1.1 Entryways to Individual Units (Deliberate hard surface at entrances and permanent assembly for shoe storage)	0			1			
No	K1.2 Entryways to Buildings (Deliberate hard surface at entrances and built-in, permanent walk-off mat or grill)	0			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							
No	K4.1 Cabinets	0				2		
No	K4.2 Interior Trim	0				2		
No	K4.3 Shelving	0				2		
No	K4.4 Doors	0				2		
No	K4.5 Countertops	0				1		
	K5. Formaldehyde Emissions in Interior Finish Exceed CARB							
No	K5.1 Doors	0			1			
No	K5.2 Cabinets and Countertops	0			2			
No	K5.3 Interior Trim and Shelving	0			2			
No	K6. Products That Comply With the Health Product Declaration Open Standard	0			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 (Plywood for casework and doors, ball bearing drawer slides, dovetail joints, two directional metal hinges)	0				2		
Yes	K10. At Least 25% of Interior Furniture Has Environmentally Preferable Attributes	1				1		Ducttesters?
L. FLOORING								
No	L1. Environmentally Preferable Flooring	0				3		
No	L2. Low-Emitting Flooring Meets CDPH 2010 Standard Method—Residential	0			3			

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No	L3. Durable Flooring (All flooring is hard surface)	0				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							
No	M2.1 CEE-Rated Clothes Washer	0		1			2	
No	M2.2 Energy Star Dryer	0		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							
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				
No	M6. Electric Vehicle Charging Stations and Infrastructure	0		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		55 units
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							
	N2. Home(s)/Development Located Near Major Transit Stop							
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		2					
	Enter the number of Tier 1 services							
	Enter the number of Tier 2 services							
Yes	N3.2 Connection to Pedestrian Pathways	1	1					

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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					
No	N3.7 Reduced Parking Capacity	0	2					
N4. Outdoor Gathering Places								
No	N4.1 Public or Semi-Public Outdoor Gathering Places for Residents	0	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					
Yes	N5.3 Porches Oriented to Street and Public Space	1	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			
Yes	N7.2 Full-Function Independent Rental Unit	1	1					
N8. Resiliency								
No	N8.1 Vulnerability Assessment (Cal-Adapt, Fortified Standard, HAZUS, FEMA P58, or Seismic Evaluation)	0	1		1	1		
No	N8.2 Strategies to Address Assessment Findings	0	1		1	1		
N9. Social Equity								
Yes	N9.1 Diverse Workforce (Supplier Diversity or Local Hire)	2	1			1		verify w/ UC Berkeley
No	N9.2 Community Location (Disadvantaged Community)	0	1		1			
N10. Affordability								
≥25%	N10.1 Dedicated Units for Households Making 80% of AMI or Less	1	2					verify w/ UC Berkeley
No	N10.2 Units with Multiple Bedrooms for Households Making 80% of AMI or Less	0	1					
No	N10.3 At Least 20% of Units at 120% AMI or Less are For Sale	0	1					
N11. Mixed-Use Developments								
No	N11.1 Live/Work Units Include a Dedicated Commercial Entrance	0	1					
Yes	N11.2 At Least 2% of Development Floor Space Supports Mixed Use	1	1					
No	N11.3 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	

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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							
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	
TBD	O8. Detailed Durability Plan and Third-Party Verification of Plan Implementation					1		
Yes	O9. Residents Are Offered Free or Discounted Transit Passes	2	2					verify w/ UC Berkeley, believe included discount for AC Transit
Yes	O10. Vandalism Deterrence Practices and Vandalism Management Plan	1				1		WEST to verify
Yes	O11. Smokefree Buildings	2			2			verify w/ UC Berkeley
No	O12. Integrated Pest Management Plan	0				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							
Yes	P2.1 Tenant Improvement Requirements for Build-Outs	2			1		1	WEST to verify
Yes	P2.2 Commercial Loading Area Separated for Residential Area	1			1			
Yes	P2.3 Separate Mechanical and Plumbing Systems	1			1			
	P3. Commissioning							
No	P3.1 Design Phase	0		1	1			
No	P3.2 Construction Phase	0		2	1			WEST to verify
No	P3.3 Post-Construction Phase	0		2	1			WEST to verify
Yes	P4. Building Enclosure Testing	3		1	1	1		
Summary								
Total Available Points in Specific Categories		374	46	111	69	94	54	
Minimum Points Required in Specific Categories		50	2	25	6	6	6	
Total Points Achieved		126.0	18.0	46.0	23.0	23.0	16.0	