GreenPoint Rated Checklist: Existing Multifamily

The GreenPoint Rated Checklist tracks green features for a unit or building. A project is only GreenPoint Rated if all features are verified by a Certified GreenPoint Rater through Build It Green. To achieve a Whole Building label, a project must have a minimum of 50 points. To achieve an Elements label, a project must have a minimum of 25 points (capped at 49 points). Both labels have minimum point requirements outlined at the end of the checklist. Both labels also have required measures highlighted in the checklist (See Key below). For more information about a particular measure or the prerequisites listed at the bottom of the checklist, see the GreenPoint Rated Existing Multifamily Rating Manual.

GreenPointRATED
A PROGRAM OF BUILD IT GREEN

Enter Label: Whole Building

Total Targeted Points: **68**

How to Use Checklist

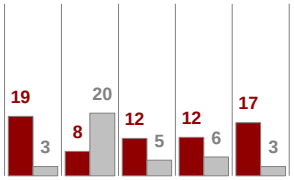
Select either Whole Building or Elements label in Cell Q3. The Elements label is for projects that cannot meet the requirements for the Whole Building label. Elements projects are often only doing partial renovation work.

To get points for a particular measure, choose from the green dropdown menu found in Column A. The points for each measure will automatically calculate under Column N, "Point Achieved" as well as at the bottom of the Checklist (Row 307). Choosing "Yes" or "≥90% "will give you full credit for that measure. For items that allow partial credit, choose the appropriate % amount (minimum of 10%) based on both the new and existing conditions for the entire building.

Key

(**Whole Building**) = Required measure for the Whole Building label
(**Elements**) = Required measure for the Elements label
(**EPA IAP**) = Requirement for meeting GreenPoint Rated Measure PJ1

GreenPoint Rated is provided as a public service by Build It Green, a professional non-profit whose mission is to promote healthy, energy and resource efficient buildings in California. For more information please visit www.builditgreen.org/greenpointrated.



HERITAGE HOUSE		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Responsible Party	Notes
AA. COMMUNITY DESIGN AND PLANNING			Possible Points						
0	**1. Conserve Resources by Increasing Density -15 Units Per Acre or Greater (1 Point for every additional 5 dwelling units/acre)** ***Enter Dwelling Units per Acre***	0	10						
	2. Design for Walking & Bicycling								
Yes	a. Provide Dedicated, Covered & Secure Bicycle Storage for 15% of Residents	1	1						
Yes	b. Provide Secure Bicycle Storage for 5% of Non-Residential Tenants and Visitors	1	1						
	3. Alternative Transportation								
	a. Site has Pedestrian Access Within ½ Mile of Community Services:								
5	TIER 1: *Enter number of services within ½ Mile:*								
	1) Day Care 2) Community Center 3) Public Park								
	4) Drug Store 5) Restaurant 6) School								
	7) Library 8) Farmer's Market 9) After School Programs								
	10) Convenience Store Where Meat & Produce are Sold								
5	TIER 2: *Enter number of services within ½ Mile:*								
	1) Bank 2) Place of Worship 3) Laundry/Cleaners								
	4) Hardware 5) Theater/Entertainment 6) Fitness/Gym								
	7) Post Office 8) Senior Care Facility 9) Medical/Dental								

HERITAGE HOUSE		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Responsible Party	Notes
	10) Hair Care 11) Other Commercial Office 12) Full Scale Supermarket								
	i. 5 Services Listed Above (Tier 2 Services Count as 1/2 Service Value)	1	1						
	ii.10 Services Listed Above (Tier 2 Services Count as 1/2 Service Value)	0	1						
Yes	b. Development is within 1/2 Mile Walking Distance of a Major Transit Stop (Commuter Train/Light Rail Transit System) or Two or More Planned/Current Bus Line Stops	1	1						
	c. Reduced Parking Capacity								
Yes	i. Less than 1.5 Parking Spaces Per Unit	1	1						
Yes	ii. Less than 1.0 Parking Spaces Per Unit	1	1						
	4. Outdoor Gathering Places								
No	a. Private or Semi-Public Outdoor Gathering Places for Residents (Minimum of 50 sf Per Unit) (mutually exclusive with AA4b)	0	1						
Yes	b. Outdoor Gathering Place of Compact Site Provides Natural Elements (mutually exclusive with AA4a) (Projects Must Be a Minimum of 50 dwelling units/acre)	1	1						
Yes	c. Outdoor Gathering Places are Contiguous to & Have Direct Access to At Least Two Tier 1 Community Services (See AA3a)	1	1						
	5. Design for Safety and Vandalism Deterrence								
Yes	a. Residence Entries Have Views to Callers (Windows or Double Peep Holes) & Can Be Seen By Neighbors	1	1						
Yes	b. All Main Entrances to the Building and Site are Prominent and Visible from the Street	1	1						
	6. Include Universal Design Principles in Units								
TBD	a. 50% of Units	0	1						
TBD	b. 80% of Units	0	1						
	7. Affordability								
	a. Units are Dedicated to Households Making 80% or Less of AMI								
Yes	i. 10% of All Units	1	1						
Yes	ii. 25%	1	1						
Yes	iii. 50% or More	1	1						
No	b. Development Includes Multiple Bedroom Units At or Less Than 80% AMI (Minimum of Two 3-Bedroom Units)	0	1						
No	c. At least 20% of Units at 120% or Less of AMI are For-Sale	0	1						
	Total Available Points in Community Design and Planning: 28	**13.0**							
A. SITE			Possible Points						
Yes	**1. Protect Topsoil and Minimize Disruption of Existing Plants & Trees**	2	1			1			
	2. Divert Construction and Demolition Waste								
Yes	a. Divert All Cardboard, Concrete, Asphalt, & Metals (**Whole Building & Elements**)	Y				R			
Yes	b. Divert 25% of Remaining Construction & Demolition Waste (Excluding all Materials Diverted in A2a)	2				2			
TBD	**3. Construction Environmental Quality Management Plan is Conducted (EPA IAP)**	0			2				
50%	**4. Use Minimum 25% Recycled Content Aggregate**	0.5				1			
TBD	**5. Cool Site: Reduce Heat Island Effect on Site**	0	1						
	Total Available Points in Site: 8	**4.5**							

HERITAGE HOUSE		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Responsible Party	Notes
B. LANDSCAPE			Possible Points						
9.0%	*Enter percentage of total site area dedicated to landscaping. Sites with less than 10% of the total site area dedicated to landscaping can only earn up to 4 points for measures B1 through B7. Calculate the landscape area percentage by dividing the landscape area by the total site area. Include the building footprint(s) and all other developed portions of the site up to the site boundary.*								
Yes	**1. Group Plants by Water Needs (Hydrozoning)**	2					2		
Yes	**2. Mulch All Planting Beds a Minimum of 3 Inches**	2					2		
	3. Construct Resource-Efficient Landscapes								
Yes	a. No Invasive Species Listed by Cal-IPC Are Planted	0				1			
Yes	b. No Plant Species will Require Shearing	0				1			
Yes	c. 75% of Plants are Drought-tolerant, California Natives, Mediterranean or Other Appropriate Species	0					3		
	4. Minimize Turf in Landscape								
Yes	a. Turf Shall Not Be Installed on Slopes Exceeding 10% and No Overhead Sprinklers Installed in Areas Less than 8 Feet Wide	0					2		
Yes	b. Turf Is ≤ 25% of Landscaped Area	0					2		
	5. Install High-Efficiency Irrigation Systems								
Yes	a. System Uses Only Low-Flow Drip, Bubblers or Sprinklers	0					2		
Yes	b. System Has Smart (Weather-based) Controllers	0					3		
Yes	**6. Incorporate Two Inches of Compost in the Top 6 to 12 Inches of Soil**	0					3		
	7. Design Landscape to Meet Water Budget								
TBD	a. Install Irrigation System That Will Be Operated at ≤70% Reference ET (B1. and B2. are Prerequisites for Credit)	0					1		
TBD	b. Install Irrigation System That Will Be Operated at ≤ 50% Reference ET (B1, B2. and B5a. or B5b. are Prerequisites for Credit)	0					1		
No	**8. Incorporate Community Garden**	0	1						
	9. Source Water Efficiency								
No	a. Use Recycled Water for Indoor and/or Outdoor Water Use	0					2		
No	b. Use Rainwater for Indoor and/or Outdoor Water Use	0					4		
	10. Outdoor Play Structures and Outdoor Furniture								
No	a. Play Structures & Surfaces Have an Average Recycled Content ≥20%	0				1			
TBD	b. Environmentally Preferable Exterior Site Furnishings	0				1			
Yes	**11. Reduce Light Pollution by Shielding Fixtures and Directing Light Downward**	1	1						
Yes	**12. High Efficacy Site Lighting**	1		1					
No	**13. Energy Efficient Water Heaters/Pumps for Pools and Fountains**	0		1					
	Total Available Points in Landscape: 35	**6.0**							
C. DESIGN CONSIDERATIONS			Possible Points						
	1. Existing Building Commissioning								
Yes	a. Equipment Review and Verification	1		1					
TBD	b. System Testing	0		2					
TBD	c. Remediation Plan, System Manual, and Operator Training	0		1					
TBD	**2. Conduct Green Physical Needs/Property Conditions Assessement**	0		0.5	0.5		0.5		
	Total Available Points in Design Considerations: 5.5	**1.0**							

HERITAGE HOUSE		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Responsible Party	Notes
D. FOUNDATION, STRUCTURAL FRAME & BUILDING ENVELOPE			Possible Points						
Yes	**1. Building Envelope Survey and Correction (Whole Building)**	Y		R					
Yes	**2. Foundation Survey and Correction (Whole Building)**	Y		R					
	3. Replace Portland Cement in Concrete with Minimum 20% Recycled Flyash and/or Slag								
No	a. Minimum 20% Flyash and/or Slag Content	0				1			
No	b. Minimum 30% Flyash and/or Slag Content	0				2			
TBD	**4. Design, Build and Maintain Structural Pest and Rot Controls (Low-Rise Only)**	0			1	1			
	5. Optimal Value Engineering								
No	a. Studs at 24 Inch on Center at Interior Non-Bearing Walls and Top Floor	0				1			
TBD	b. Door & Window Headers Sized for Load	0				1			
	6. Use Engineered Lumber								
TBD	a. Engineered Beams and Headers	0				1			
TBD	b. Wood I-Joists or Web Trusses for Floors	0				1			
TBD	c. Oriented Strand Board for Subfloor	0				1			
TBD	d. Oriented Strand Board for Wall and Roof Sheathing	0				1			
No	**7. Insulated Headers**	0		1					
	8. Use FSC-Certified Wood								
TBD	a. Dimensional Lumber, Studs and Timber	0				4			
TBD	b. Panel Products	0				2			
	9. Retrofit/Upgrade Structure for Wind/Seismic Lateral Load Reinforcement								
TBD	a. Partial Lateral Load Reinforcement Upgrade/Retrofit	0				2			
TBD	b. Complete Building Lateral Load Reinforcement Upgrade/Retrofit	0				2			
	Total Available Points in Foundation, Structural Frame & Building Envelope: 22	**0.0**							
E. EXTERIOR			Possible Points						
	1. Durable Cladding System								
No	a. Install a Rain Screen Wall System	0				2			
≥90%	b. Use Durable and Non-Combustible Cladding Materials	1				1			
≥90%	**2. Use Durable and Fire Resistant Roofing Materials/Assembly**	1				1			
No	**3. Vegetated Roof** (2 points for 25% of Roof, 4 points for 50% of Roof)	0	4						
	Total Available Points in Exterior: 8	**2.0**							
F. INSULATION			Possible Points						
	1. Install Insulation with 75% Recycled Content								
25%	a. Walls	0.25				1			
25%	b. Ceilings	0.25				1			
25%	c. Floors	0.25				1			
	Total Available Points in Insulation: 3	**0.8**							
G. PLUMBING			Possible Points						
Yes	**1. Plumbing Survey and Correction (Whole Building & Elements)**	Y					R		
	2. Water Efficient Fixtures								
Yes	a. All Fixtures Meet Federal Energy Policy Act of 1992 (**Whole Building**)	Y					R		
≥90%	b. Install High Efficiency Toilets (Dual Flush or ≤ 1.28 Gallons Per Flush (gpf))	2					2		
	c. High Efficiency Urinals or No-Water Urinals Are Specified:								
TBD	i. Average Flush Rate is ≤0.5 gpf	0					1		
TBD	ii. Average Flush Rate is ≤0.1 gpf	0					1		

HERITAGE HOUSE		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Responsible Party	Notes
≥90%	d. High Efficiency Showerheads Use ≤ 2.0 Gallons Per Minute (gpm) at 80 psi	3					3		
	e. Flow Limiters Or Flow Control Valves Are Installed on All Faucets								
≥90%	i. Bath Faucets ≤ 1.5 gpm at 60psi	1					1		
≥90%	ii. Kitchen Faucets ≤ 2.0 gpm	1					1		
Yes	**3. Insulate All Hot Water Pipes (EPA IAP)**	2		1			1		
	4. Central Domestic Hot Water Survey and Tune-Up								
Yes	a. CDHW System Survey and Maintenance Manual	1					1		
Yes	b. CDHW System Upgrades (G4a. Is Prerequisite for Credit)	2					2		
No	**6. Water Submetering: Bill Tenants for Actual Usage**	0					4		
	Total Available Points in Plumbing: 18	**12.0**							
H. HEATING VENTILATION AND AIR CONDITIONING			Possible Points						
Yes	**1. HVAC Survey (Whole Building & Elements)**	Y			R				
TBD	**2. Combustion Safety Backdraft Test (Whole Building & Elements)**	N			R				
Yes	**3. Carbon Monoxide Testing and Correction (Whole Building)**	Y			R				
No	**4. Install High Performing Zoned Radiant Hydronic Heating**	0			2				
TBD	**5. Install High Efficiency Air Conditioning with Environmentally Preferable Refrigerants**	0	1						
	6. Advanced Ventilation Practices for Cooling								
TBD	a. Operable Windows/Skylights Induce Cross Ventilation (1+ Rooms in 80% of Units)	0		1	1				
TBD	b. ENERGY STAR Ceiling Fans and Light Kits in Living Areas & All Bedrooms	0		1					
	7. Advanced Mechanical Ventilation for IAQ								
TBD	a. Compliance with ASHRAE 62.1 and 62.2 Mechanical Ventilation Standard (As Adopted in Title 24 Part 6).	0			1				
TBD	b. Advanced Ventilation Practices	0			1				
TBD	c. Outdoor Air Ducted to Bedroom and Living Areas of Home	0			2				
≥90%	d. ENERGY STAR Bathroom Fans on Timer or Humidistat	1			1				
≥90%	e. Kitchen Range Hood Exhaust System Vented to Outside	1			1				
	8. Advanced HVAC Practices for Distributed Systems								
TBD	a. Conduct Diagnostic Testing of System	0			1				
TBD	b. Conduct Flow Hood Test and Assess Delivery of Air for Distributed Systems	0			1				
TBD	c. Air Conditioning Compressor Operates Properly and Refrigerant Charge is Optimal	0			2				
No	**9. Garage Ventilation Fans Are Controlled by Carbon Monoxide Sensors (EPA IAP)** (Passive Ventilation Not Eligible)	0			1				
≥90%	**10. Install Carbon Monoxide Alarms (EPA IAP)**	1			1				
	Total Available Points in Heating Ventilation and Air Conditioning: 18	**3.0**							
I. RENEWABLE ENERGY			Possible Points						
TBD	**1. Solar Hot Water System Preheats Domestic Hot Water**	0		4					
	2. Offset a Percentage of the Project's Estimated Electricity Demand with Onsite Renewable Generation								
TBD	a. 60% of Common Area Load	0	2	2					
No	b. 90% of Common Area Load	0	2	2					
No	c. 10% or More of Residential Units Load	0	2	2					
	Total Available Points in Renewable Energy: 16	**0.0**							

HERITAGE HOUSE		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Responsible Party	Notes
J. BUILDING PERFORMANCE			Possible Points						
TBD	**1. Complete Energy Survey (Elements)**	N		R					
	2. Energy Upgrades (Elements Only, Mutually Exclusive with J3)								
	Tier 1 (Each Worth 1 Point)								
TBD	a. Attic Insulation Meets or Exceeds Code (5 Story Maximum)	0		1					
TBD	b. Cool Roof	0		1					
TBD	c. Crawl Space Insulation Meets or Exceeds Current Code	0		1					
TBD	d. 75% of Wall Insulation Meets or Exceeds Current Code	0		1					
TBD	e. 80% of Windows Meet Current Code	0		1					
TBD	f. High Efficiency Space Heating (Central Furnace ≥ 90% AFUE; Central Boiler is 85%, HPSF 8)	0		1					
TBD	g. 14 SEER, 11.5 EER Air Conditioning Unit in Each Unit (in climate zones 2,4, 8 - 15)	0		1					
TBD	h. Complete Comprehensive Air Sealing Measures or Blower Door Test is .5ACH50 for Low Rise	0		1					
TBD	i. High Efficiency Water Heater ≥ .62 EF or Central Boiler ≥ .85 AFUE	0		1					
TBD	j. Recirculation Controls on Timer or Demand Installed	0		1					
	Tier 2 (Each Worth 0.5 Points)								
TBD	k. 50% of Wall Insulation Meets or Exceeds Current Code	0		0.5					
TBD	l. Radiant Barrier in Attic	0		0.5					
TBD	m. 14 SEER, 11.5 EER Air Conditioning Unit in Common Areas (All Climate Zones)	0		0.5					
TBD	n. 14 SEER, 11.5 EER Air Conditioning Unit in Each Unit (Climate Zones 1,3,5,6,7,16)	0		0.5					
TBD	o. Programmable Thermostat/Temperature Control in Common Areas and Each Unit	0		0.5					
TBD	p. Temperature Modulation Control on Boiler	0		0.5					
0	**3. Meet Energy Budget for Building Based on Year (Whole Building)**	0.0		30					
Yes	**4. Comprehensive Utility Bill Analysis**	1		1					
Yes	**5. Title 24 Prepared and Signed by a CABEC Certified Energy Plans Examiner (CEPE)**	1		1					
	6. Participation in Utility Program with Third Party Plan Review								
TBD	a. Energy Efficiency Program (EPA IAP)	0		1					
TBD	b. Renewable Energy Program with Min. 30% Better Than Title 24 (High Performing Home)	0		1					
	Total Available Points in Building Performance: 17+	2.0							
K. FINISHES			Possible Points						
	1. Entryways								
Yes	a. Design Entryways to Reduce Tracked-In Contaminants for All Home Entrances	1			1				
TBD	b. Permanent Walk-Off Systems Are Provided at All Main Building Entrances & In Common Areas	0			1				
No	**2. Use Recycled Content Paint on All Exteriors**	0				1			
	3. Low/No-VOC Paints & Coatings (EPA IAP)								
50%	a. Low-VOC Interior Wall/Ceiling Paints (<50 grams per liter (gpl))	0.5			1				
TBD	b. Zero-VOC: Interior Wall/Ceiling Paints (<5 gpl)	0			1				
≥90%	c. Use Low-VOC Coatings That Meet SCAQMD Rule 1113	2			2				
50%	**4. Use Low VOC Caulks, Construction Adhesives & Sealants that Meet SCAQMD Rule 1168**	0.5			1				

HERITAGE HOUSE		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Responsible Party	Notes
	5. Environmentally Preferable Materials for Interior Finishes (FSC-Certified Wood, Reclaimed Lumber, Rapidly Renewable, Recycled Content, Finger-Jointed, or Local)								
TBD	a. Cabinets	0				1			
TBD	b. Interior Trim	0				1			
TBD	c. Shelving	0				1			
TBD	d. Doors	0				1			
TBD	e. Countertops	0				1			
Yes	**6. For Newly Installed Products, Reduce Formaldehyde in Interior Finish – Meet Current CARB Airborne Toxic Control Measure (ATCM) for Composite Wood Formaldehyde Limits by Mandatory Compliance Dates (Whole Building & Elements) (EPA IAP)**	Y			R				
	7. Reduce Formaldehyde in Interior Finish - Exceed Current CARB ATCM for Composite Wood Formaldehyde Limits Prior to Mandatory Compliance Dates								
TBD	a. Doors	0				1			
TBD	b. Cabinets and Countertops	0				2			
TBD	c. Interior Trim and Shelving	0				1			
≥90%	**8. Durable Cabinets**	1				1			
TBD	**9. At Least 25% of All Newly Supplied Interior Furniture has Environmentally Preferable Attributes**	0				1			
	Total Available Points in Finishes: 19	**5.0**							
L. FLOORING			Possible Points						
TBD	**1. Use Environmentally Preferable Flooring (Minimum 15% of Floor Area)** A) FSC-Certified Wood, B) Reclaimed or Refinished, C) Rapidly Renewable, D) Recycled-Content, E) Exposed Concrete, or F) Local. *Flooring Adhesives Must Meet SCAQMD Rule 1168 for VOCs*	0				4			
≥90%	**2. Low-Emitting Flooring** (EPA IAP) Section 01350, CRI Green Label, Floorscore, etc.	2			2				
	Total Available Points in Flooring: 6	**2.0**							
M. APPLIANCES & LIGHTING			Possible Points						
Yes	**1. Electrical Survey (Whole Building)**	Y			R				
Yes	**2. Verification of Entire Electrical System**	2				2			
	3. ENERGY STAR Appliances								
No	a. Install ENERGY STAR Dishwasher (Must Meet Current Specifications)	0		1			1		
	b. install ENERGY STAR Clothes Washer								
≥90%	i. Meets ENERGY STAR and CEE Tier 2 Requirements (Modified Energy Factor ≥2.0; Water Factor ≤6.0) (Total 3 Points)	3		1			2		
TBD	ii Meets ENERGY STAR and CEE Tier 3 Requirements (Modified Energy Factor ≥2.2; Water Factor ≤4.5) (Total 5 Points)	0					2		
	c. Install ENERGY STAR Refrigerators in ALL Locations								
≥90%	i. ENERGY STAR-Qualified & < 25 Cubic Feet Capacity	1		1					
≥90%	ii. ENERGY STAR-Qualified & < 20 Cubic Feet Capacity	1		1					
Yes	**4. Common Laundry Facilities Are Provided for All Occupants**	1				1			
No	**5. Provide Built-In Recycling Center In Each Residential Unit**	0				1			
TBD	**6. Low-Mercury Lamps (Linear and Compact Fluorescent)**	0				1			

HERITAGE HOUSE		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Responsible Party	Notes
75%	**7. Install High-Efficacy Interior Lighting**	0.75		1					
≥90%	**8. Install Lighting Controls (Timers, Dimmers, Occupancy Sensors)**	1		1					
	Total Available Points in Appliances & Lighting: 16	**9.8**							
N. OTHER			Possible Points						
Yes	**1. Incorporate GreenPoint Rated Checklist in Blueprints (Whole Building & Elements) (EPA IAP)**	Y	R						
	2. Operations & Maintenance Manuals and Training (EPA IAP)								
Yes	a. Provide O&M Manual and Orientation to Building Maintenance Staff (**Whole Building**)	Y		R					
TBD	b. Train and Certify Upper Management & Maintenance Staff	0			1		1		
TBD	c. Provide Maintenance Manual and Orientation to Occupants	0		1			1		
TBD	**3. Residents Are Offered Free or Discounted Transit Passes**	0	2						
TBD	**4. Educational Signage of Project's Green Features**	0	1						
TBD	**5. Pre-Construction Kick-Off Meeting with Rater, Contractor and Subs**	0	1						
TBD	**6. Incorporate Unit "Green-Up" Policy**	0			1				
	7. Hazardous Materials Testing								
Yes	a. Lead Testing and Remediation	1			1				
Yes	b. Asbestos Testing and Remediation	1			1				
	Total Available Points in Other: 11	**2.0**							
O. (Not Used)									
P. INNOVATIONS			Possible Points						
	A. Site								
	1. Stormwater Control: Prescriptive Path (Maximum of 3 Points, Mutually Exclusive With PA2)								
TBD	a. Use Permeable Paving for 25% of Driveways, Patios and Walkways	0	1						
Yes	b. Install Bio-Retention and Filtration Features	2	2						
No	c. Route Downspout Through Permeable Landscape	0	1						
TBD	d. Use Non-Leaching Roofing Materials	0	1						
	2. Stormwater Control: Performance Path (Mutually Exclusive With PA1):								
TBD	Perform a Soil Percolation Test and Capture and Treat 85% of Total Annual Runoff	0	3						
	D. Foundation, Structural Frame and Building Envelope								
No	1. Use Radon Resistant Construction (**EPA IAP**)	0			2				
No	2. Install a Foundation Drainage System (**EPA IAP**)	0				2			
No	3. Moisture Controlled Crawlspace (**EPA IAP**)	0			2				
	E. Exterior								
Yes	1. Flashing Installation Techniques Specified and Third-Party Verified (**EPA IAP**)	1				1			
	H. Heating Ventilation and Air Conditioning								
TBD	1. Pressure Relieve the Ductwork System (Mutually exclusive with H3) (**EPA IAP**)	0		1					Mutually exclusive with H4
TBD	2. Install High Efficiency HVAC Filter (MERV 6+, Mutually exclusive with H3) (**EPA IAP**)	0		1					Mutually exclusive with H4
TBD	3. Design & Install HVAC System to ACCA Manual J, D, and S (**EPA IAP**)	0		4					
	J. Building Performance								
TBD	1. Obtain EPA Indoor airPlus Certification *(Total 39 possible points, not including Title 24 performance; read comment)*	0		2					
TBD	2. Third-Party Testing of Mechanical Ventilation Rates for IAQ Meets ASHRAE 62.2 (**EPA IAP**)	0			2				
TBD	3. ENERGY STAR® New Homes: Multifamily High-Rise Pilot Program	0		1					

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	K. Finishes								
Yes	1. Use Moisture Resistant Material in Wet Areas (EPA IAP) (Kitchens, Bathrooms, Utility Rooms & Basements)	2			1	1			
	N. Other								
	1. Innovation: List innovative measures that meet green building objectives. Enter in the number of points in each category in the blue cells for a maximum of 4 points for the measure. The "points achieved" column will be automatically fill in based on the sum of the points in each category. Points and measures will be evaluated by Build It Green.								
TBD	Innovation: Enter up to 4 Points in blue cells at right. Enter description here	0							
TBD	Innovation: Enter up to 4 Points in blue cells at right. Enter description here	0							
TBD	Innovation: Enter up to 4 Points in blue cells at right. Enter description here	0							
TBD	Innovation: Enter up to 4 Points in blue cells at right. Enter description here	0							
TBD	Innovation: Enter up to 4 Points in blue cells at right. Enter description here	0							
	Total Available Points in Innovation: 19+	**5.0**							
Summary									
	Total Available Points	**287**	**56**	**84**	**37**	**59**	**52**		
	Minimum Points Required (Whole Building)	**50**	3	20	5	6	3		
	Minimum Points Required (Elements)	**25**	2	8	2	2	2		
	Total Points Achieved	**68**	**19**	**7.8**	**12**	**12.3**	**17**		

Project has not yet met the recommended minimum requirements for Whole Building

- *Total Project Score of At Least 50 Points*
- *Required measures:*
  - *-A2a: Divert All Cardboard, Concrete, Asphalt, & Metals*
  - *-D1: Building Envelope Survey and Correction*
  - *-D2: Foundation Survey and Correction*
  - *-G1: Plumbing Survey and Correction*
  - *-G2a: All Fixtures Meet Federal Energy Policy Act*
  - *-H1: HVAC System Survey*
  - *-H2: Combustion Safety Backdraft Test*
  - *-H3: Carbon Monoxide Testing and Correction*
  - *-J3: Meet Energy Budget for Building Based on Year*
  - *-K6: Meet CARB ATCM for Composite Wood Formaldehyde Limits*
  - *-M1: Electrical Survey*
  - *-N1: Incorporate GreenPoint Rated Checklist in Blueprints*
  - *-N2a: Provide O&M Manual to Building Maintenance Staff*
- *Minimum points in specific categories:*
  - *-Community (3 points)*
  - *-Energy (20 points)*
  - *-IAQ/Health (5 points)*
  - *-Resources (6 points)*
  - *-Water (3 points)*

NEW HOME RATING SYSTEM, VERSION 6.0

MULTIFAMILY CHECKLIST

Total Points Targeted: 0

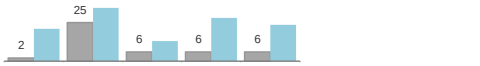
Certfication Level:

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: Commuity (3) Energy (22), 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



New Home Multifamily Version 6.0

VALLE VERDE Measures		Points Achieved	Possible Points: Community	Energy	IAQ/Health	Resources	Water	Notes
CALGreen								
Yes	**CALGreen Res (REQUIRED)**	4		1	1	1	1	
A. SITE								
Yes	**A1. Construction Footprint**	1				1		
	A2. Job Site Construction Waste Diversion							
TBD	A2.1 65% C&D Waste Diversion **(Including** Alternative Daily Cover)					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		
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	0					1	
TBD	A6.3 Non-Leaching Roofing Materials						1	
TBD	A6.4 Smart Stormwater Street Design		1					
Yes	**A7. Stormwater Control: Performance Path**	0					3	
B. FOUNDATION								
TBD	**B1. Fly Ash and/or Slag in Concrete**					1		
Yes	**B2. Radon-Resistant Construction**	2			2			
Yes	**B3. Foundation Drainage System**	2				2		
No	**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								
60.00%	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	
Yes	**C5. Trees to Moderate Building Temperature**	3	1	1			1	
Yes	**C6. High-Efficiency Irrigation System**	2					2	
TBD	**C7. One Inch of Compost in the Top Six to Twelve Inches of Soil**						2	
TBD	**C8. Rainwater Harvesting System**						3	
TBD	**C9. Recycled Wastewater Irrigation System**						1	
Yes	**C10. Submeter or Dedicated Meter for Landscape Irrigation**	2					2	
≤0.65 ETo	**C11. Landscape Meets Water Budget**	1					2	
	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		
Yes	**C13. Reduced Light Pollution**	1	1					
TBD	**C14. Large Stature Tree(s)**		1					
TBD	**C15. Third Party Landscape Program Certification**						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		
TBD	D1.2 Non-Load Bearing Door and Window Headers Sized for Load					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		
TBD	D3.2 Wood I-Joists or Web Trusses for Floors					1		
TBD	D3.3 Engineered Lumber for Roof Rafters					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		
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		
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							
No	D9.1 Detached Garage	0			2			
No	D9.2 Mitigation Strategies for Attached Garage	0			1			

VALLE VERDE		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	
	D10. Structural Pest and Rot Controls							
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	**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		
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	
No	**E6. Vegetated Roof**	0	2	2				
F. INSULATION								
	F1. Insulation with 30% Post-Consumer or 60% Post-Industrial Recycled Content							
Yes	F1.1 Walls and Floors	1				1		
Yes	F1.2 Ceilings	1				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 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	
TBD	G2.4 Urinals with Flush Rate of ≤ 0.1 Gallons/Flush						1	
No	**G3. Pre-Plumbing for Graywater System**	0					1	
No	**G4. Operational Graywater System**	0					3	
TBD	**G5. Submeter Water for Tenants**						2	
H. HEATING, VENTILATION, AND AIR CONDITIONING								
	H1. Sealed Combustion Units							
TBD	H1.1 Sealed Combustion Furnace				1			
TBD	H1.2 Sealed Combustion Water Heater				2			
TBD	**H2. High Performing Zoned Hydronic Radiant Heating System**			1	1			
	H3. Effective Ductwork							
TBD	H3.1 Duct Mastic on Duct Joints and Seams			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			
	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 62.2-2012 Ventilation Residential Standards	Y	R	R	R	R	R	
TBD	H6.2 Advanced Ventilation Standards				1			
TBD	H6.3 Outdoor Air Ducted to Bedroom and Living Areas				2			
	H7. Effective Range Design and Installation							
TBD	H7.1 Effective Range Hood Ducting and Design				1			
TBD	H7.2 Automatic Range Hood Control				1			
I. RENEWABLE ENERGY								
TBD	**I1. Pre-Plumbing for Solar Water Heating**			1				
Yes	**I2. Preparation for Future Photovoltaic Installation**	0		1				
20.00%	**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				
TBD	**I5. Solar Hot Water Systems to Preheat Domestic Hot Water**			4				
≥90% of common area	**I6. Photovoltaic System for Multifamily Projects**	0		12				
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			
2008	**J5. Building Performance Exceeds Title 24 Part 6**							
15.0%	J5.1 Home Outperforms Title 24	25		30				
	J5.2 Non-Residential Spaces Outperform Title 24			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			
K. FINISHES								
	K1. Entryways Designed to Reduce Tracked-In Contaminants							
Yes	K1.1 Entryways to Individual Units	1			1			
Yes	K1.2 Entryways to Buildiings	1			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		
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			
Yes	**K9. Durable Cabinets**	2			2			
TBD	**K10. At Least 25% of Interior Furniture Has Environmentally Preferable Attributes**				1			

VALLE VERDE		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	
L. FLOORING								
TBD	**L1. Environmentally Preferable Flooring**					3		
TBD	**L2. Low-Emitting Flooring Meets CDPH 2010 Standard Method—Residential**				3			
Yes	**L3. Durable Flooring**	1				1		
TBD	**L4. Thermal Mass Flooring**			1				
M. APPLIANCES AND LIGHTING								
Yes	**M1. ENERGY STAR® Dishwasher**	1					1	
CEE Tier 2	**M2. CEE-Rated Clothes Washer**	2		1			2	
<25 cubic feet	**M3. Size-Efficient ENERGY STAR Refrigerator**	1		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				
TBD	M5.2 Lighting System Designed to IESNA Footcandle Standards or Designed by Lighting Consultant			2				
Yes	**M6. Central Laundry**	1					1	
TBD	**M7. Gearless Elevator**			1				
N. COMMUNITY								
	N1. Smart Development							
TBD	N1.1 Infill Site		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	9				9		
800	Enter the area of the home, in square feet							
2	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					
5	Enter the number of Tier 1 services							
	Enter the number of Tier 2 services							
Yes	N3.2 Connection to Pedestrian Pathways	1	1					
TBD	N3.3 Traffic Calming Strategies		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					
1.5 spaces per unit	N3.7 Reduced Parking Capacity	1	2					
	N4. Outdoor Gathering Places							
Yes	N4.1 Public or Semi-Public Outdoor Gathering Places for Residents	1	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					
Yes	N5.4 Social Gathering 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			
Yes	N7.2 Full-Function Independent Rental Unit	0	1					
	N8. Affordability							
≥50%	N8.1 Dedicated Units for Households Making 80% of AMI or Less	2	2					
Yes	N8.2 Units with Multiple Bedrooms for Households Making 80% of AMI or Less	1	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					
TBD	N9.2 At Least 2% of Development Floor Space Supports Mixed Use		1					
Yes	N9.3 Half of the Non-Residential Floor Space is Dedicated to Community Service	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	
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	
TBD	**O5. Home System Monitors**			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	
TBD	**O8. Detailed Durability Plan and Third-Party Verification of Plan Implementation**					1		
TBD	**O9. Residents Are Offered Free or Discounted Transit Passes**		2					
Yes	**O10. Vandalism Deterrence Practices and Vandalism Management Plan**	1				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	
TBD	P2.2 Commercial Loading Area Separated for Residential Area				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			1	1			
TBD	P3.3 Post-Construction Phase			1	1			
TBD	**P4. Building Enclosure Testing**			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		**120.0**	**21.0**	**34.5**	**13.0**	**28.0**	**23.5**	