

RECEIVED

MAR 15 2017

GreenPoint RATED  
A PROGRAM OF BUILD IT GREEN

## 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, ES.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](http://www.builditgreen.org/greenpointrated). Build It Green is not a code enforcement agency.

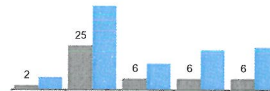
A home is only GreenPoint Rated if all features are verified by a Certified GreenPoint Rater through Build It Green. This is the public version of the Checklist and cannot be used for certification.

New Home Multifamily Version 7

Total Points Targeted: 118

Certification Level:

## POINTS REQUIRED



PLANNING DIVISION

Points Achieved  
Targeted Points

Dividend Homes 617 East Evelyn Avenue, Sunnyvale		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
Measures		Possible Points						
CALGreen								
Yes	CALGreen Res (REQUIRED)	4	1	1	1	1	1	
A. SITE								
TBD	A1. Construction Footprint					1		
A2. Job Site Construction Waste Diversion								
TBD	A2.1 75% C&D Waste Diversion (Including Alternative Daily Cover)					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		
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	
TBD	A6.2 Filtration and/or Bio-Retention Features						1	
TBD	A6.3 Non-Leaching Roofing Materials						1	
TBD	A6.4 Smart Stormwater Street Design	1						
Yes	A7. Stormwater Control: Performance Path	3					3	
B. FOUNDATION								
Yes	B1. Fly Ash and/or Slag in Concrete	1				1		
TBD	B2. Radon-Resistant Construction				2			
TBD	B3. Foundation Drainage System					2		
TBD	B4. Moisture Controlled Crawlspace				1			
B5. Structural Pest Controls								
TBD	B5.1 Termite Shields and Separated Exterior Wood-to-Concrete Connections					1		
TBD	B5.2 Plant Trunks, Bases, or Stems at Least 36 Inches from the Foundation					1		
C. LANDSCAPE								
15.00%	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	
TBD	C5. Trees to Moderate Building Temperature		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	
TBD	C11. Landscape Meets Water Budget						1	
C12. Environmentally Preferable Materials for Site								
TBD	C12.1 Environmentally Preferable Materials for 10% 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	
TBD	C17. Community Garden	2						



Dividend Homes 617 East Evelyn Avenue, Sunnyvale		Points Achieved	Community	Energy	IAQ/Health	Resources	Water
<b>D. STRUCTURAL FRAME AND BUILDING ENVELOPE</b>							
<b>D1. Optimal Value Engineering</b>							
TBD	D1.1 Joists, Rafters, and Studs at 24 Inches on Center			1		2	
Yes	D1.2 Non-Load Bearing Door and Window Headers Sized for Load	1				1	
TBD	D1.3 Advanced Framing Measures					2	
TBD	D2. Construction Material Efficiencies					1	
<b>D3. Engineered Lumber</b>							
Yes	D3.1 Engineered Beams and Headers	1				1	
Yes	D3.2 Wood I-Joists or Web Trusses for Floors	1				1	
Yes	D3.3 Engineered Lumber for Roof Rafters	1				1	
TBD	D3.4 Engineered or Finger-Jointed Studs for Vertical Applications					1	
Yes	D3.5 OSB for Subfloor	0.5				0.5	
Yes	D3.6 OSB for Wall and Roof Sheathing	0.5				0.5	
TBD	D4. Insulated Headers		1				
<b>D5. FSC-Certified Wood</b>							
TBD	D5.1 Dimensional Lumber, Studs, and Timber					6	
TBD	D5.2 Panel Products					3	
<b>D6. Solid Wall Systems</b>							
TBD	D6.1 At Least 90% of Floors					1	
TBD	D6.2 At Least 90% of Exterior Walls		1			1	
TBD	D6.3 At Least 90% of Roofs		1			1	
TBD	D7. Energy Heels on Roof Trusses		1				
16 inches	D8. Overhangs and Gutters	1	1			1	
<b>D9. Reduced Pollution Entering the Home from the Garage</b>							
TBD	D9.1 Detached Garage				2		
TBD	D9.2 Mitigation Strategies for Attached Garage				1		
<b>D10. Structural Pest and Rot Controls</b>							
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 with Materials Other Than Wood					1	
TBD	D11. Moisture-Resistant Materials in Wet Areas (such as Kitchen, Bathrooms, Utility Rooms, and Basements)				1	1	
<b>E. EXTERIOR</b>							
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	
<b>E5. Durable Roofing Materials</b>							
Yes	E5.1 Durable and Fire Resistant Roofing Materials or Assembly	1				1	
Yes	E5.2 Roofing Warranty for Shingle Roofing	Y	R	R	R	R	R
TBD	E6. Vegetated Roof		2	2			
<b>F. INSULATION</b>							
<b>F1. Insulation with 30% Post-Consumer or 60% Post-Industrial Recycled Content</b>							
TBD	F1.1 Walls and Floors					1	
Yes	F1.2 Ceilings	1				1	
<b>F2. Insulation that Meets the CDPH Standard Method—Residential for Low Emissions</b>							
Yes	F2.1 Walls and Floors	1			1		
No	F2.2 Ceilings	0			1		
<b>F3. Insulation That Does Not Contain Fire Retardants</b>							
Yes	F3.1 Cavity Walls and Floors	1			1		
Yes	F3.2 Ceilings	1			1		
Yes	F3.3 Interior and Exterior Insulation	1			1		
<b>G. PLUMBING</b>							
<b>G1. Efficient Distribution of Domestic Hot Water</b>							
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	
<b>G2. Install Water-Efficient Fixtures</b>							
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	
≤ 28 gpf	G2.3 WaterSense Toilets with a maximum Performance (MAP) of less than 1.28 gpm or 1.1 gpf	1				2	
TBD	G2.4 Urinals with Flush Rate of ≤0.1 Gallons/Flush					1	
TBD	G3. Pre-Plumbing for Graywater System					1	
TBD	G4. Operational Graywater System					3	
TBD	G5. Thermostatic Shower Valve or Auto-Diversion Tub Spout					1	
Yes	G6. Submeter Water for Tenants	2				2	
<b>H. HEATING, VENTILATION, AND AIR CONDITIONING</b>							



Dividend Homes 617 East Evelyn Avenue, Sunnyvale		Points Achieved	Community	Energy	IAQ/Health	Resources	Water
<b>H1. Sealed Combustion Units</b>							
Yes	H1.1 Sealed Combustion Furnace	1			1		
Yes	H1.2 Sealed Combustion Water Heater	2			2		
TBD	<b>H2. High Performing Zoned Hydronic Radiant Heating System</b>			1	1		
<b>H3. Effective Ductwork</b>							
Yes	H3.1 Duct Mastic on Duct Joints and Seams	1		1			
Yes	H3.2 Pressure Balance the Ductwork System	1		1			
TBD	<b>H4. ENERGY STAR® Bathroom Fans Per HVI Standards with Air Flow Verified</b>				1		
<b>H5. Advanced Practices for Cooling</b>							
TBD	H5.1 ENERGY STAR Ceiling Fans in Living Areas and Bedrooms			1			
TBD	H5.2 Operable windows and skylights Located to induce Cross Ventilation in At Least One Room in 80% of Units			1			
<b>H6. Whole House Mechanical Ventilation Practices to Improve Indoor Air Quality</b>							
Yes	H6.1 Meet ASHRAE Standard 62.2-2010 Ventilation Residential Standards	Y	R	R	R	R	R
TBD	H6.2 Advanced Ventilation Standards			2			
TBD	H6.3 Outdoor Air is Filtered and Tempered			1			
<b>H7. Effective Range Design and Installation</b>							
TBD	H7.1 Effective Range Hood Ducting and Design			1			
TBD	H7.2 Automatic Range Hood Control			1			
TBD	<b>H8. High Efficiency HVAC Filter (MERV 13+)</b>			1			
TBD	<b>H9. Advanced Refrigerants</b>			1			
<b>I. RENEWABLE ENERGY</b>							
TBD	<b>I1. Pre-Plumbing for Solar Water Heating</b>			1			
TBD	<b>I2. Preparation for Future Photovoltaic Installation</b>			1			
60.00%	<b>I3. Onsite Renewable Generation (Solar PV, Solar Thermal, and Wind)</b>	15		25			
<b>I4. Net Zero Energy Home</b>							
TBD	I4.1 Near Zero Energy Home			2			
TBD	I4.2 Net Zero Electric			4			
TBD	<b>I5. Energy Storage System</b>			1			
TBD	<b>I6. Solar Hot Water Systems to Preheat Domestic Hot Water</b>			4			
TBD	<b>I7. Photovoltaic System for Multifamily Projects</b>			8			
<b>J. BUILDING PERFORMANCE AND TESTING</b>							
Yes	<b>J1. Third-Party Verification of Quality of Insulation Installation</b>	1			1		
Yes	<b>J2. Supply and Return Air Flow Testing</b>	2		1	1		
Yes	<b>J3. Mechanical Ventilation Testing</b>	1			1		
TBD	<b>J4. Combustion Appliance Safety Testing</b>				1		
<b>J5. Building Energy Performance</b>							
10.00%	J5.1 Home Meets or Exceeds Energy Compliance Pathway	25		30			
0.00%	J5.2 Non-Residential Spaces Outperform Title 24	0		15			
Yes	<b>J6. Title 24 Prepared and Signed by a CABEC Certified Energy Analyst</b>	1		1			
TBD	<b>J7. Participation in Utility Program with Third-Party Plan Review</b>			1			
TBD	<b>J8. ENERGY STAR for Homes</b>			1			
No	<b>J9. EPA Indoor airPlus Certification</b>				1		
TBD	<b>J10. Blower Door Testing</b>				3		
TBD	<b>J11. Compartmentalization of Units</b>			1	1		
<b>K. FINISHES</b>							
<b>K1. Entryways Designed to Reduce Tracked-In Contaminants</b>							
TBD	K1.1 Entryways to Individual Units				1		
TBD	K1.2 Entryways to Buildings				1		
Yes	<b>K2. Zero-VOC Interior Wall and Ceiling Paints</b>	2			2		
Yes	<b>K3. Low-VOC Caulks and Adhesives</b>	1			1		
<b>K4. Environmentally Preferable Materials for Interior Finish</b>							
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		
<b>K5. Formaldehyde Emissions in Interior Finish Exceed CARB</b>							
TBD	K5.1 Doors				1		
TBD	K5.2 Cabinets and Countertops				2		
TBD	K5.3 Interior Trim and Shelving				2		
TBD	<b>K6. Products That Comply With the Health Product Declaration Open Standard</b>				2		
TBD	<b>K7. Indoor Air Formaldehyde Level Less Than 27 Parts Per Billion</b>				2		
No	<b>K8. Comprehensive Inclusion of Low Emitting Finishes</b>				1		
TBD	<b>K9. Durable Cabinets</b>				2		
TBD	<b>K10. At Least 25% of Interior Furniture Has Environmentally Preferable Attributes</b>				1		
<b>L. FLOORING</b>							



Dividend Homes 617 East Evelyn Avenue, Sunnyvale		Points Achieved	Community	Energy	IAQ/Health	Resources	Water
TBD	L1. Environmentally Preferable Flooring					3	
≥25%	L2. Low-Emitting Flooring Meets CDPH 2010 Standard Method—Residential	1			3		
TBD	L3. Durable Flooring					1	
TBD	L4. Thermal Mass Flooring			1			
<b>M. APPLIANCES AND LIGHTING</b>							
Yes	M1. ENERGY STAR® Dishwasher	1					1
	M2. Efficient Clothes Washing and Drying						
TBD	M2.1 CEE-Rated Clothes Washer			1			2
TBD	M2.2 Energy Star Dryer			1			
TBD	M2.3 Solar Dryer/ Laundry Lines			0.5			
TBD	M3. Size-Efficient ENERGY STAR Refrigerator			2			
	M4. Permanent Centers for Waste Reduction Strategies						
Yes	M4.1 Built-In Recycling Center	1				1	
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 Meet Footcandle Standards or Designed by Lighting Consultant			2			
TBD	M6. Electric Vehicle Charging Stations and Infrastructure			2			
TBD	M7. Central Laundry						1
TBD	M8. Gearless Elevator			1			
<b>N. COMMUNITY</b>							
	N1. Smart Development						
Yes	N1.1 Infill Site	2	1			1	
TBD	N1.2 Designated Brownfield Site		1			1	
TBD	N1.3 Conserve Resources by Increasing Density			2		2	
TBD	N1.4 Cluster Homes for Land Preservation		1			1	
	N1.5 Home Size Efficiency	3				9	
1679	Enter the area of the home, in square feet						
3	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				
TBD	N2.2 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	1	2				
4	Enter the number of Tier 1 services						
2	Enter the number of Tier 2 services						
Yes	N3.2 Connection to Pedestrian Pathways	1	1				
TBD	N3.3 Traffic Calming Strategies		2				
TBD	N3.4 Sidewalks Buffered from Roadways and 5-8 Feet Wide		1				
TBD	N3.5 Bicycle Storage for Residents		1				
TBD	N3.6 Bicycle Storage for Non-Residents		1				
TBD	N3.7 Reduced Parking Capacity		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						
TBD	N5.1 Residence Entries with Views to Callers		1				
Yes	N5.2 Entrances Visible from Street and/or Other Front Doors	1	1				
TBD	N5.3 Porches Oriented to Street and Public Space		1				
	N6. Passive Solar Design						
TBD	N6.1 Heating Load			2			
TBD	N6.2 Cooling Load			2			
	N7. Adaptable Building						
TBD	N7.1 Universal Design Principles in Units		1		1		
TBD	N7.2 Full-Function Independent Rental Unit		1				
	N8. Affordability						
TBD	N8.1 Dedicated Units for Households Making 80% of AMI or Less		2				
TBD	N8.2 Units with Multiple Bedrooms for Households Making 80% of AMI or Less		1				
TBD	N8.3 At Least 20% of Units at 120% AMI or Less are For Sale		1				
	N9. Mixed-Use Developments						
TBD	N9.1 Live/Work Units Include a Dedicated Commercial Entrance		1				
TBD	N9.2 At Least 2% of Development Floor Space Supports Mixed Use		1				
TBD	N9.3 Half of the Non-Residential Floor Space is Dedicated to Community Service		1				
	N8. Resiliency						
TBD	N8.1 Climate Impact Assessment		1		1	1	
TBD	N8.2 Strategies to Address Assessment Findings		1		1	1	

Dividend Homes 617 East Evelyn Avenue, Sunnyvale		Points Achieved	Community	Energy	IAQ/Health	Resources	Water
<b>N9. Social Equity</b>							
TBD	N9.1 Diverse Workforce		1			1	
TBD	N9.2 Community Location		1		1		
<b>O. OTHER</b>							
Yes	O1. GreenPoint Rated Checklist in Blueprints	Y	R	R	R	R	R
Yes	O2. Pre-Construction Kickoff Meeting with Rater and Subcontractors	2		0.5		1	0.5
TBD	O3. Orientation and Training to Occupants—Conduct Educational Walkthroughs			0.5	0.5	0.5	0.5
TBD	O4. Builder's or Developer's Management Staff are Certified Green Building Professionals			0.5	0.5	0.5	0.5
<b>O5. Home System Monitors</b>							
TBD	O5.1 Energy Home System Monitors			1			
TBD	O5.2 Water Home System Monitors						1
<b>O6. Green Building Education</b>							
No	O6.1 Marketing Green Building	0	2				
TBD	O6.2 Green Building Signage			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				
TBD	O10. Vandalism Deterrence Practices and Vandalism Management Plan					1	
TBD	O11. Tobacco Free Buildings				2		
TBD	O12. Integrated Pest Management Plan					1	
<b>P. DESIGN CONSIDERATIONS</b>							
<b>P1. Acoustics: Noise and Vibration Control</b>							
Enter the number of Tier 1 practices			1		1		
Enter the number of Tier 2 practices							
<b>P2. Mixed-Use Design Strategies</b>							
TBD	P2.1 Tenant Improvement Requirements for Build-Outs				1		1
TBD	P2.2 Commercial Loading Area Separated for Residential Area				1		
TBD	P2.3 Separate Mechanical and Plumbing Systems				1		
<b>P3. Commissioning</b>							
TBD	P3.1 Design Phase			1	1		
TBD	P3.2 Construction Phase			2	1		
TBD	P3.3 Post-Construction Phase			2	1		
TBD	P4. Building Enclosure Testing			1	1	1	
<b>Summary</b>							
Total Available Points in Specific Categories		404	46	141	69	94	54
Minimum Points Required in Specific Categories		50	2	25	6	6	6
<b>Total Points Achieved</b>		<b>118.0</b>	<b>7.0</b>	<b>48.5</b>	<b>15.0</b>	<b>23.0</b>	<b>24.5</b>