

GreenPoint Rated Existing Home Checklist



Build It Green™
Smart Solutions From The Ground Up

The GreenPoint Rated checklist tracks green features incorporated into the home. This checklist is used to track projects seeking a Whole House or Elements Rating using the GreenPoint Rated Existing Home Rating System. The minimum requirements for a green home seeking for each Rating are listed adjacent to the required measure and in the project summary at the end of this checklist. Selected measures can be awarded points allocated by the percentage of presence of the measure in the home. Not all measures are available for allocation. The measure or practice must be found in at least 10% of the home to earn points. For more information on the protocols go to www.BuildItGreen.org

Project Type: **Whole House or Elements**

Points Achieved:

The green building practices listed below are described in the GreenPoint Rated Existing Home Rating Manual and the Home Remodeling Guidelines available at www.builditgreen.org. Build It Green is a non-profit organization providing the GreenPoint Rated program as a public service. Build It Green encourages local governments to leverage program resources to support voluntary, market-based programs and strategies.

0	0	20	0	5	0	6	0	8	0
Community	Energy	IAC/Health	Resources	Water					

Project Name	Points Achieved	Possible Points				
AA. COMMUNITY						
1. Infill Site						
<input type="checkbox"/>	a. Home is Located in a Built Urban Setting with Utilities in Place for Fifteen Years	1			1	
<input type="checkbox"/>	b. Home is Located within 1/2 Mile of a Major Transit Stop	2				
2. Compact Development & House Size						
<input type="checkbox"/>	a. Density of 10 Units per Acre or Greater	2			2	
<input type="checkbox"/>	b. Home Size Efficiency (awarded points vary based on home size)				1 - 10	
3. Pedestrian and Bicycle Access/ Alternative Transportation						
a. Site has Pedestrian Access Within 1/2 Mile of neighborhood services:						
TIER 1: 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						
TIER 2: 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						
10) Hair Care 11) Commercial Office of Major Employer 12) Full Scale Supermarket						
<input type="checkbox"/>	5 Services Listed Above (Tier 2 Services count as 1/2 Service Value)	1				
<input type="checkbox"/>	10 Services Listed Above (Tier 2 Services count as 1/2 Service Value)	1				
<input type="checkbox"/>	b. Access to A Dedicated Pedestrian Pathway to Places of Recreational Interest within 1/2 Mile	1				
<input type="checkbox"/>	c. At Least Two of the Following Traffic-Calming Strategies Installed within 1/4 mile:	1				
Designated Bicycle Lanes are Present on Roadways;						
Ten-Foot Vehicle Travel Lanes;						
Street Crossings Closest to Site are Located Less Than 300 Feet Apart;						
Streets Have Rumble Strips, Bulbouts, Raised Crosswalks or Refuge Islands						
4. Safety & Social Gathering						
<input type="checkbox"/>	a. Front Entrance Has Views from the Inside to Outside Callers	1				
<input type="checkbox"/>	b. Front Entrance Can be Seen from the Street and/or from Other Front Doors	1				
<input type="checkbox"/>	c. Porch (min. 100sf) Oriented to Streets and Public Spaces	1				
5. Diverse Households						
<input type="checkbox"/>	a. Home Has at Least One Zero-Step Entrance	1				
<input type="checkbox"/>	b. All Main Floor Interior Doors & Passageways Have a Minimum 32-Inch Clear Passage Space	1				
<input type="checkbox"/>	c. Home includes at Least a Half-Bath on the Ground Floor with Blocking in Walls for Grab Bars	1				
<input type="checkbox"/>	d. Lot Includes Full-Function Independent Rental Unit	1				
Total Points Available in Community = 24						
A. SITE						
1. Protect Existing Topsoil from Erosion and Reuse after Construction						
<input type="checkbox"/>		1				1
2. Recycle Construction and Demolition Waste						
<input type="checkbox"/>	a. Recycle All Cardboard, Concrete, Asphalt and Metals (Required for Whole House and Elements, if applicable)					R
<input type="checkbox"/>	b. Deconstruct for Reuse the Following Items: 1) Appliances, 2) Brick, tile, masonry, 3) Cabinetry, 4) Countertops, 5) Doors, 6) Fixtures (plumbing, lighting, etc), 7) Sinks/Tubs, 8) Toilets (1.6 only), 9) Windows, 10) Wood - (2x4, flooring, form boards)					
<input type="checkbox"/>	5 of Materials Listed Above					1
<input type="checkbox"/>	8 of Materials Listed Above					1

Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water
<input type="checkbox"/>	c. Recycle 25% C&D Waste Excluding All Cardboard, Concrete, Asphalt and Metals					2	
<input type="checkbox"/>	3. Construction IAQ Management Plan				2		
		Total Points Available in Site = 8					
B. FOUNDATION		Possible Points					
<input type="checkbox"/>	1. Replace Portland Cement in Concrete with Recycled Flyash or Slag					1	
<input type="checkbox"/>	a. Minimum 20% Flyash and/or Slag					1	
<input type="checkbox"/>	b. Minimum 30% Flyash and/or Slag					1	
<input type="checkbox"/>	2. Moisture Source Verification and Correction (Required for Whole House)			R	R		
<input type="checkbox"/>	3. Retrofit Crawl Space to Control Moisture						
<input type="checkbox"/>	a. Control Ground Moisture with Vapor Barrier			2			
<input type="checkbox"/>	b. Foundation Drainage System					2	
<input type="checkbox"/>	4. Pest Inspection and Correction					1	
<input type="checkbox"/>	5. Design and Build Structural Pest Controls						
<input type="checkbox"/>	a. Install Termite Shields & Separate All Exterior Wood-to-Concrete Connections by Metal or Plastic Fasteners/Dividers					1	
<input type="checkbox"/>	b. All New Plants Have Trunk, Base, or Stem Located At Least 36 Inches from Foundation					1	
<input type="checkbox"/>	6. Radon Testing and Correction or Radon Resistant Construction			1			
		Total Points Available in Foundation = 10					
C. LANDSCAPE		Possible Points					
<input type="checkbox"/>	Check here if the landscape area is <15% of the total site area (only 3 points available in this section for projects with <15% landscape area)						
<input type="checkbox"/>	1. Resource-Efficient Landscapes						
<input type="checkbox"/>	a. No Invasive Species Listed by Cal-IPC Are Planted						1
<input type="checkbox"/>	b. No Plant Species Require Shearing					1	
<input type="checkbox"/>	c. 50% of Plants Are California Natives or Mediterranean Climate Species						3
<input type="checkbox"/>	2. Fire-Safe Landscaping Techniques	1					
<input type="checkbox"/>	3. Minimal Turf Areas						
<input type="checkbox"/>	a. Turf Not Installed on Slopes Exceeding 10% or in Areas Less than 8 Feet Wide						2
<input type="checkbox"/>	b. Turf is <33% of Landscaped Area						2
<input type="checkbox"/>	c. Turf is <10% of Landscaped Area or eliminated						2
<input type="checkbox"/>	4. Shade Trees Planted	1	1				1
<input type="checkbox"/>	5. Plants Grouped by Water Needs (Hydrozoning)						2
<input type="checkbox"/>	6. High-Efficiency Irrigation Systems Installed						
<input type="checkbox"/>	a. System Uses Only Low-Flow Drip, Bubblers, or Low-flow Sprinklers						2
<input type="checkbox"/>	b. System Has Smart Controllers						3
<input type="checkbox"/>	7. Compost and Recycle Garden Trimmings on Site						1
<input type="checkbox"/>	8. Mulch in All Planting Beds to the Greater of 2 Inches or Local Water Ordinance Requirement						2
<input type="checkbox"/>	9. Use Salvaged or Recycled-Content Materials for 50% of Non-Plant Landscape Elements					1	
<input type="checkbox"/>	10. Light Pollution Reduced by Shielding Fixtures and Directing Light Downward	1					
<input type="checkbox"/>	11. Rain Water Harvesting System (1 point for <350 gallons, 2 points for > 350 gallons)						
<input type="checkbox"/>	a. Less than 350 gallon capacity						1
<input type="checkbox"/>	b. Greater than 350 gallon capacity						2
<input type="checkbox"/>	12. Soil is Amended with Compost	1		1			
		Total Points Available in Landscape = 31					
D. STRUCTURAL FRAME & BUILDING ENVELOPE		Possible Points					
<input type="checkbox"/>	1. Optimal Value Engineering						
<input type="checkbox"/>	a. Place Rafters & Studs at 24-Inch On Center Framing					1	
<input type="checkbox"/>	b. Size Door & Window Headers for Load					1	
<input type="checkbox"/>	c. Use Only Jack & Cripple Studs Required for Load					1	
<input type="checkbox"/>	2. Use Engineered Lumber						
<input type="checkbox"/>	a. Beams & Headers					1	
<input type="checkbox"/>	b. Insulated Engineered Headers		1				
<input type="checkbox"/>	c. Wood I-Joists or Web Trusses for Floors					1	
<input type="checkbox"/>	d. Wood I-Joists for Roof Rafters					1	
<input type="checkbox"/>	e. Engineered or Finger-Jointed Studs for Vertical Applications					1	
<input type="checkbox"/>	f. Oriented Strand Board for Subfloor					1	
<input type="checkbox"/>	g. Oriented Strand Board Wall and/or Roof Sheathing					1	
<input type="checkbox"/>	3. FSC Certified Wood						
<input type="checkbox"/>	a. Dimensional Lumber, Studs, and Timber: Minimum 40%					2	
<input type="checkbox"/>	b. Dimensional Lumber, Studs, and Timber: Minimum 70%					2	

Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water
<input type="checkbox"/>	c. Panel Products: Minimum 40%					1	
<input type="checkbox"/>	d. Panel Products: Minimum 70%					1	
4. Solid Wall Systems (includes SIPs, ICFs, & Any Non-Stick Frame Assembly)							
<input type="checkbox"/>	a. Floors			2		2	
<input type="checkbox"/>	b. Walls			2		2	
<input type="checkbox"/>	c. Roofs			2		2	
5. Reduce Pollution Entering the Home from the Garage							
<input type="checkbox"/>	a. Tightly Seal the Air Barrier between Garage and Living Area				1		
<input type="checkbox"/>	b. Install Garage Exhaust Fan OR Have a Detached Garage				1		
<input type="checkbox"/>	6. Energy Heels on Roof Trusses (75% of Attic Insulation Height at Outside Edge of Exterior Wall)			1			
<input type="checkbox"/>	7. Overhangs and Gutters Installed					1	
<input type="checkbox"/>	a. Minimum 16-Inch Overhangs and Gutters					1	
<input type="checkbox"/>	b. Minimum 24-Inch Overhangs and Gutters			1			
8. Retrofit/ Upgrade Structure for Lateral Load Reinforcement for Wind or Seismic						2	
<input type="checkbox"/>	a. Partial Lateral Reinforcement Upgrades/ Retrofits					1	
<input type="checkbox"/>	b. Lateral Load Reinforcement Upgrades/ Retrofits for Entire home					2	
<input type="checkbox"/>	9. Sound Exterior Assemblies (Required for Whole House)			R		R	
Total Points Available in Structural Frame & Building Envelope = 36							
E. EXTERIOR FINISH			Possible Points				
<input type="checkbox"/>	1. Recycled-Content (No Virgin Plastic) or FSC-Certified Wood Decking					2	
<input type="checkbox"/>	2. Rain Screen Wall System Installed					2	
<input type="checkbox"/>	3. Durable & Noncombustible Siding Materials					1	
<input type="checkbox"/>	4. Durable & Fire-Resistant Roofing Materials					2	
Total Points Available in Exterior Finish = 7							
F. INSULATION			Possible Points				
1. Insulation with 75% Recycled Content							
<input type="checkbox"/>	a. Walls and Floors					1	
<input type="checkbox"/>	b. Ceilings					1	
2. Low-Emitting Insulation (Certified CA Section 01350)							
<input type="checkbox"/>	a. Walls and Floors				1		
<input type="checkbox"/>	b. Ceilings				1		
<input type="checkbox"/>	3. Inspect Quality of Insulation Installation before Applying Drywall			1			
Total Points Available in Insulation = 5							
G. PLUMBING			Possible Points				
1. Distribute Domestic Hot Water Efficiently							
<input type="checkbox"/>	a. Insulate All Accessible Water Pipes			1			1
<input type="checkbox"/>	b. Locate Water Heater Within 12' Of All Water Fixtures, as measured in plan			1			1
<input type="checkbox"/>	c. Install On-Demand Recirculation Control Pump			1			1
<input type="checkbox"/>	2. High-Efficiency Toilets (Dual-Flush or ≤ 1.28 gpf)					1	2
3. Water Efficient Fixtures							
<input type="checkbox"/>	a. All Fixtures Meet Federal Energy Policy Act (Toilets: 1.6 gpf, Sinks: 2.2 gpm, Showers: 2.5 gpm) (Required for Whole House)						R
<input type="checkbox"/>	b. High-Efficiency Showerheads Use ≤ 2.0 gpm at 80 psi			1			1
<input type="checkbox"/>	c. Bathrooms Faucets Use <1.5 gpm			1			1
<input type="checkbox"/>	4. Plumbing System Integrity and No Plumbing Leaks (Required for Whole House and Elements)						R
Total Points Available in Plumbing = 13							
H. HEATING, VENTILATION & AIR CONDITIONING			Possible Points				
1. General HVAC Equipment Evaluation and correction							
<input type="checkbox"/>	a. Visual evaluation of Installation of HVAC Equipment (Required for Whole House and Elements)			R			
<input type="checkbox"/>	b. Conduct diagnostic testing to evaluate system			2			
<input type="checkbox"/>	c. Conduct flow hood test and assess delivery of air			1			
<input type="checkbox"/>	d. Air conditioning compressor operates properly and refrigerant charge is optimal			1			
<input type="checkbox"/>	2. Design and Install HVAC System to ACCA Manual J and Manual D			4			
3. Sealed Combustion Units							
<input type="checkbox"/>	a. Furnaces				2		
<input type="checkbox"/>	b. Water heaters				2		
<input type="checkbox"/>	4. Zoned, Hydronic Radiant Heating			1	1		
<input type="checkbox"/>	5. High Efficiency Air Conditioning Air conditioning with Environmentally Responsible Refrigerants		1				
6. Effective Ductwork Installation							
<input type="checkbox"/>	a. New Ductwork and HVAC unit Installed Within Conditioned Space			1			
<input type="checkbox"/>	b. Duct Mastic Used on All Ducts, Joints and Seams			1			
<input type="checkbox"/>	c. Ductwork Installed under Attic Insulation (Buried Ducts)			1			
<input type="checkbox"/>	d. Ductwork System is Pressure Balanced			1			

Project Name		Points Achieved	Community	Energy	IAC/Health	Resources	Water
<input type="checkbox"/>	7. High Efficiency HVAC Filter (MERV 6+)				1		
<input type="checkbox"/>	8. No Fireplace or Sealed Gas Fireplaces with Efficiency Rating NOT Less Than 60% using CSA Standards				1		
<input type="checkbox"/>	9. Effective Exhaust Systems Installed in Bathrooms and Kitchens						
<input type="checkbox"/>	a. Install ENERGY STAR Bathroom Fans Vented to the Outside				1		
<input type="checkbox"/>	b. All Bathroom Fans are on Timer or Humidistat				1		
<input type="checkbox"/>	c. Install Kitchen Range Hood Vented to the Outside				1		
<input type="checkbox"/>	10. Mechanical Ventilation System for Cooling Installed						
<input type="checkbox"/>	a. Install ENERGY STAR Ceiling Fans & Light Kits in Living Areas & Bedrooms			1			
<input type="checkbox"/>	b. Install Whole House Fan			1			
<input type="checkbox"/>	11. Mechanical Ventilation for Fresh Air Installed						
<input type="checkbox"/>	a. Any Whole House Ventilation System (that meets ASHRAE 62.2)			1	2		
<input type="checkbox"/>	b. Install Air-to-Air Heat Exchanger (that meets ASHRAE 62.2)			1	2		
<input type="checkbox"/>	12. Carbon Monoxide						
<input type="checkbox"/>	a. Carbon Monoxide Testing and Correction (Required for Whole House)				R		
<input type="checkbox"/>	b. Carbon Monoxide Alarm(s) Installed				1		
<input type="checkbox"/>	13. Combustion Safety Backdraft Test (Required for Whole House and Elements)				R		
Total Points Available in Heating, Ventilation and Air Conditioning = 33							
I. RENEWABLE ENERGY			Possible Points				
<input type="checkbox"/>	1. Solar Water Heating System			4			
<input type="checkbox"/>	2. Photovoltaic (PV) System that offsets electric energy use by:						
<input type="checkbox"/>	a. 30% of electric needs OR 1.2 kW			6			
<input type="checkbox"/>	b. 60% of electric needs OR 2.4kW			6			
<input type="checkbox"/>	c. 90% of electric needs OR 3.6 kW			6			
Total Points Available in Renewable Energy = 22							
J. BUILDING PERFORMANCE			Possible Points				
<input type="checkbox"/>	1. Energy Survey and Education (includes blower door test) (Required for Elements)			R			
<input type="checkbox"/>	2. Energy Upgrades (Available for Elements Rating Only)						
TIER 1: Practices in Tier 1 Are Worth Full Value (1 point)							
<input type="checkbox"/>	1) Attic Insulation up to or Exceeding Current Code			1			
<input type="checkbox"/>	2) Crawl Space Insulation up to or Exceeding Current Code			1			
<input type="checkbox"/>	3) Wall Insulation up to or Exceeding Current Code			1			
<input type="checkbox"/>	4) High Efficiency Furnace (90% AFUE Minimum)			1			
<input type="checkbox"/>	5) Seal Ducts and Duct Leakage is <15%			1			
<input type="checkbox"/>	6) 14 SEER, 11.5 EER Air Conditioning Unit (in all climate zones except 2,4,8-16)			1			
<input type="checkbox"/>	7) House Passes Blower Door Test With ≤0.5 ACH or a 50% Improvement			1			
TIER 2: Practices in Tier 2 Are Worth Half Value (0.5 points)							
<input type="checkbox"/>	1) High Efficiency Water Heater ≥.62EF			0.5			
<input type="checkbox"/>	2) Radiant Barrier in Attic			0.5			
<input type="checkbox"/>	3) Windows Upgraded to Current Code Requirements, Which are Typically Dual Pane			0.5			
<input type="checkbox"/>	4) Duct insulation to Code			0.5			
<input type="checkbox"/>	5) Programmable Thermostat			0.5			
<input type="checkbox"/>	6) 14 SEER, 11.5 EER Air Conditioning unit (in climate zones 1,3,5, 6 and 7)			0.5			
<input type="checkbox"/>	3. Energy Budget for Home Based on Year						
<input type="checkbox"/>	a. Meet Energy Budget for Home Based on Year (Includes Blower Door Test) (Required for Whole House)			10			
<input type="checkbox"/>	b. Energy Budget Compared to Current Code			1+			
<input type="checkbox"/>	4. Comprehensive Utility Bill Analysis			1			
Total Points Available in Building Performance = 31+							
K. FINISHES			Possible Points				
<input type="checkbox"/>	1. Entryways Designed to Reduce Tracked in Contaminants				1		
<input type="checkbox"/>	2. Low/No-VOC Paint						
<input type="checkbox"/>	a. Low-VOC Interior Wall/Ceiling Paints (<50 gpl VOCs regardless of sheen)				1		
<input type="checkbox"/>	b. Zero-VOC: Interior Wall/Ceiling Paints (<5 gpl VOCs (flat))				3		
<input type="checkbox"/>	3. Coatings Meet SCAQMD Rule 1113 for Low VOCs				2		
<input type="checkbox"/>	4. Low-VOC Caulks & Construction Adhesives (Meet SCAQMD Rule 1168)				2		
<input type="checkbox"/>	5. Recycled-Content Paint On All Exteriors					1	
<input type="checkbox"/>	6. Environmentally Preferable Materials for Interior Finish: A) FSC Certified Wood, B) Reclaimed Materials, C) Rapidly Renewable D) Recycled-Content, E) Finger-Jointed or F) Local						
<input type="checkbox"/>	a. Cabinets (50% Minimum)					1	
<input type="checkbox"/>	b. Interior Trim (50% Minimum)					1	
<input type="checkbox"/>	c. Shelving (50% Minimum)					1	

Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	
	d. Doors (50% Minimum)					1		
	e. Countertops (50% Minimum)					1		
	7. Formaldehyde Reduced in Interior Finish (CA Section 01350) (90% minimum)							
	a. Subfloor & Stair Treads					1		
	b. Cabinets & Countertops					1		
	c. Interior Trim					1		
	d. Shelving					1		
	9. After Installation of Finishes, Test of Indoor Air Shows Formaldehyde Level <27ppb				3			
		Total Points Available in Finishes = 22						
L. FLOORING			Possible Points					
	1. Environmentally Preferable Flooring: A) FSC-Certified Wood, B) Reclaimed or Refinished, C) Rapidly Renewable, D) Recycled-Content, E) Exposed Concrete. <i>Flooring Adhesives Must Have <50 gpl VOCs and sealer must meet SCAQMD Rule 113.</i>					4		
	2. Thermal Mass Floors			1				
	3. Flooring Meets CA Section 01350 or CRI Green Label Plus Requirements (50% Minimum of Entire House)				2			
		Total Points Available in Flooring = 7						
M. APPLIANCES AND LIGHTING			Possible Points					
	1. Water and Energy Efficient Dishwasher Installed							
	a. ENERGY STAR (Available for Elements Rating Only)			1				
	b. Dishwasher Uses No More Than 6.5 Gallons/Cycle						1	
	2. ENERGY STAR Clothes Washing Machine with Water Factor of 6 or Less							
	a. Meets CEE Tier 2 Requirements (Modified Energy Factor 2.0, Water Factor 6.0)			1			2	
	b. Meets CEE Tier 3 Requirements (Modified Energy Factor 2.2, Water Factor 4.5)						2	
	3. ENERGY STAR Refrigerator Installed							
	a. ENERGY STAR Qualified & < 25 Cubic Feet Capacity			1				
	b. ENERGY STAR Qualified & < 20 Cubic Feet Capacity (Available for Elements Rating Only)			1				
	4. Built-In Recycling & Composting Center					2		
	a. Built-In Recycling Center					1		
	b. Built-In Composting Center							
	5. Electrical Integrity (Required for Whole House)			R				
	6. Electrical Assessment and Inspection of Entire Home			2				
	7. Energy Efficient Lighting			1				
	8. Low-Mercury Fluorescent Lighting Installed (lamps, bulbs)					1		
	a. Low-Mercury Products Are Installed Whenever Linear Fluorescent Lamps Are Use or Replaced					2		
	b. Low-Mercury Products Are Installed Whenever Compact Fluorescent Lamps Are Use or Replaced							
	9. Lighting Controls Installed			1				
		Total Points Available in Appliances and Lighting = 18						
N. OTHER			Possible Points					
	1. Incorporate GreenPoint Checklist in Blueprints Or Distribute Checklist (Required for Whole House and Elements)			R				
	2. Develop Homeowner Manual of Green Features/Benefits			1			1	
	3. Hazardous Waste Testing							
	a. Lead Testing Interior, Exterior and Soil				1			
	b. Asbestos Testing and Remediation				1			
	4. Gas Shut Off Valve (motion/ non-motion)				1	1		
	5. Innovation: List innovative measures that meet the green building objectives of the Remodeling Guidelines.							
	Innovation in Community: Enter description here							
	Innovation in Energy: Enter description here							
	Innovation in IAQ/Health: Enter description here							
	Innovation in Resources: Enter description here							
	Innovation in Water: Enter description here							
		Total Points Available in Innovation = 6+						
Summary								
		Total Available Points	263	22	86	42	75	38
		Minimum Points Required for Whole House Label	50		20	5	6	8
		Minimum Points Required for Elements Label	25		8	2	2	4
		Total Points Achieved						