FOR BUTCHER'S CORNER - PRELIMINARY PROJECTED TARGET MEASURES



NEW HOME RATING SYSTEM, VERSION 6.0

MULTIFAMILY CHECKLIST

Total Points Targeted: 111

Certfication Level: Gold

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: Commutity (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.

POINTS REQUIRED

Minimum Points
Targeted Points

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.

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•	ion of the Checklist and cannot be used for certification.	_2			6	6	6	
New Home Multifami	y version 6.0.2							
Project Na		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	N. c
	Measures			Pos	ssible P	oints		Notes
CALGreen Yes	CALGreen Res (REQUIRED)	4		1	1	1	1	
A. SITE	CALGREEN RES (REQUIRED)	4		'	<u> </u>	-	<u> </u>	
TBD	A1. Construction Footprint					1		
Yes	A2. Job Site Construction Waste Diversion A2.1 65% C&D Waste Diversion (Including Alternative Daily Cover)	2				2	1	
TBD	A2.2 65% C&D Waste Diversion (Excluding Alternative Daily Cover)					2		
No	A2.3 Recycling Rates from Third-Party Verified Mixed-Use Waste Facility A3. Recycled Content Base Material	1				1	-	
Yes TBD	A4. Heat Island Effect Reduction (Non-Roof)	-		1		'		
No	A5. Construction Environmental Quality Management Plan Including Flush-Out	0			1			
TBD	A6. Stormwater Control: Prescriptive Path A6.1 Permeable Paving Material				1		1	
Yes	A6.2 Filtration and/or Bio-Retention Features	1					1	
TBD	A6.3 Non-Leaching Roofing Materials						1	
TBD TBD	A6.4 Smart Stormwater Street Design A7. Stormwater Control: Performance Path		1				3	
B. FOUNDATION								
Yes	B1. Fly Ash and/or Slag in Concrete	1			2	1		
TBD Yes	B2. Radon-Resistant Construction B3. Foundation Drainage System	2			2	2		
No	B4. Moisture Controlled Crawlspace	0			1			
No	B5. Structural Pest Controls B5.1 Termite Shields and Separated Exterior Wood-to-Concrete Connections	0				1		
No	B5.1 Termite Shierds and Separated Exterior Wood-to-Concrete Connections B5.2 Plant Trunks, Bases, or Stems at Least 36 Inches from the Foundation	0				1		
C. LANDSCAPE	Established and a second a second and a second a second and a second a second and a							
5.00% Yes	Enter the landscape area percentage C1. Plants Grouped by Water Needs (Hydrozoning)	1					1	
Yes	C2. Three Inches of Mulch in Planting Beds	1					1	
Van	C3. Resource Efficient Landscapes C3.1 No Invasive Species Listed by Cal-IPC	1				1 1		
Yes Yes	C3.2 Plants Chosen and Located to Grow to Natural Size	0				1	1	
Yes	C3.3 Drought Tolerant, California Native, Mediterranean Species, or Other							
100	Appropriate Species C4. Minimal Turf in Landscape	0					3	
V	C4.1 No Turf on Slopes Exceeding 10% and No Overhead Sprinklers Installed in						T	
Yes	Areas Less Than Eight Feet Wide	0	<u> </u>				2	
No No	C4.2 Turf on a Small Percentage of Landscaped Area C5. Trees to Moderate Building Temperature	0	1	1			2	
Yes	C6. High-Efficiency Irrigation System	0					2	
Yes TBD	C7. One Inch of Compost in the Top Six to Twelve Inches of Soil C8. Rainwater Harvesting System	0					3	
TBD	C9. Recycled Wastewater Irrigation System						1	
Yes	C10. Submeter or Dedicated Meter for Landscape Irrigation	0					2	
TBD	C11. Landscape Meets Water Budget C12. Environmentally Preferable Materials for Site						2	
TBD	C12.1 Environmentally Preferable Materials for 70% of Non-Plant Landscape						1	
	Elements and Fencing					1		
TBD Yes	C12.2 Play Structures and Surfaces Have an Average Recycled Content ≥20% C13. Reduced Light Pollution	1	1			1	_	
TBD	C14. Large Stature Tree(s)		1					
TBD TBD	C15. Third Party Landscape Program Certification C16. Maintenance Contract with Certified Professional						1	
TBD	C17. Community Garden		2				+ '-	
D. STRUCTURAL FRA	ME AND BUILDING ENVELOPE							
TBD	D1. Optimal Value Engineering D1.1 Joists, Rafters, and Studs at 24 Inches on Center			1		2		
TBD	D1.2 Non-Load Bearing Door and Window Headers Sized for Load					1		
TBD TBD	D1.3 Advanced Framing Measures D2. Construction Material Efficiencies					2		
IBU	D3. Engineered Lumber					1		
TBD	D3.1 Engineered Beams and Headers					1		
Yes TBD	D3.2 Wood I-Joists or Web Trusses for Floors D3.3 Enginered Lumber for Roof Rafters	1	<u> </u>		-	1	-	
TBD	D3.4 Engineered or Finger-Jointed Studs for Vertical Applications					1		
TBD	D3.5 OSB for Subfloor	0.5				0.5		
Yes TBD	D3.6 OSB for Wall and Roof Sheathing D4. Insulated Headers	0.5		1		0.5		
	D5. FSC-Certified Wood							
TBD	D5.1 Dimensional Lumber, Studs, and Timber					6		
TBD	D5.2 Panel Products D6. Solid Wall Systems			<u> </u>		1 3	1	
TBD	D6.1 At Least 90% of Floors					1		
TBD TBD	D6.2 At Least 90% of Exterior Walls D6.3 At Least 90% of Roofs		<u> </u>	1		1	-	
TBD	D7. Energy Heels on Roof Trusses			1		<u> </u>		
TBD	D8. Overhangs and Gutters			1		1		
TBD	D9. Reduced Pollution Entering the Home from the Garage D9.1 Detached Garage			1	2		Т.	
Yes	D9.2 Mitigation Strategies for Attached Garage	1			1			
	· · · · · · · · · · · · · · · · · ·	t-						

Project Na	ame	ved ve	Community	>	ealth	Irces		
TOJECT NE	anie	Points Achieved) m m	Energy	IAQ/Health	Resources	Water	
	D10. Structural Pest and Rot Controls		Ŭ		_			
Yes	D10.1 All Wood Located At Least 12 Inches Above the Soil D10.2 Wood Framing Treating With Borates or Factory-Impregnated, or Wall	1				1		+
TBD	Materials Other Than Wood					1		
Yes	D11. Moisture-Resistant Materials in Wet Areas (such as Kitchen, Bathrooms, Utility Rooms, and Basements)	2			1	1		
. EXTERIOR								
Yes Yes	E1. Environmentally Preferable Decking E2. Flashing Installation Third-Party Verified	2				2		
TBD	E3. Rain Screen Wall System					2		
Yes	E4. Durable and Non-Combustible Cladding Materials E5. Durable Roofing Materials	1				1		
Yes	E5.1 Durable and Fire Resistant Roofing Materials or Assembly	1				1		
Yes TBD	E5.2 Roofing Warranty for Shingle Roofing E6. Vegetated Roof	Y	2 2	R 2	R	R	R	+
. INSULATION								
TBD	F1. Insulation with 30% Post-Consumer or 60% Post-Industrial Recycled Content F1.1 Walls and Floors					1		+
TBD	F1.2 Ceilings					1		
Yes	F2. Insulation that Meets the CDPH Standard Method—Residential for Low Emissions F2.1 Walls and Floors	1			1	1		+
Yes	F2.2 Ceilings	1			1			
TBD	F3. Insulation That Does Not Contain Fire Retardants F3.1 Cavity Walls and Floors			Т.	1	1		
TBD	F3.2 Ceilings				1			
TBD . PLUMBING	F3.3 Interior and Exterior Insulation				1			
	G1. Efficient Distribution of Domestic Hot Water							
Yes TBD	G1.1 Insulated Hot Water Pipes G1.2 WaterSense Volume Limit for Hot Water Distribution	1		1		-	1	+
TBD	G1.3 Increased Efficiency in Hot Water Distribution						2	
Yes	G2. Install Water-Efficient Fixtures G2.1 WaterSense Showerheads with Matching Compensation Valve	2				T	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	1	
Yes	G2.4 Urinals with Flush Rate of ≤ 0.1 Gallons/Flush	1					1	
TBD TBD	G3. Pre-Plumbing for Graywater System G4. Operational Graywater System					_	1	
TBD	G5. Submeter Water for Tenants						2	
. HEATING, VENTILA	TION, AND AIR CONDITIONING H1. Sealed Combustion Units							
Yes	H1.1 Sealed Combustion Furnace	1			1	I		
Yes TBD	H1.2 Sealed Combustion Water Heater H2. High Performing Zoned Hydronic Radiant Heating System	2		1	2			
IBD	H3. Effective Ductwork				' '			
Yes	H3.1 Duct Mastic on Duct Joints and Seams	1		1				
Yes Yes	H3.2 Pressure Balance the Ductwork System H4. ENERGY STAR® Bathroom Fans Per HVI Standards with Air Flow Verified	1		<u>'</u>	1			+
	H5. Advanced Practices for Cooling							
TBD	H5.1 ENERGY STAR Ceiling Fans in Living Areas and Bedrooms H5.2 Operable Windows and Skylights Located to Induce Cross Ventilation in At			1		_		+
TBD	Least One Room in 80% of Units			1				
Yes	H6. Whole House Mechanical Ventilation Practices to Improve Indoor Air Quality H6.1 Meet ASHRAE Standard 62.2-2010 Ventilation Residential Standards	Y	R	R	R	R	R	+
TBD TBD	H6.2 Advanced Ventilation Standards H6.3 Outdoor Air Ducted to Bedroom and Living Areas				1			
IBD	H7. Effective Range Design and Installation				2			
Yes	H7.1 Effective Range Hood Ducting and Design H7.2 Automatic Range Hood Control	1			1			
TBD RENEWABLE ENERG	SY Y				'			
TBD	I1. Pre-Plumbing for Solar Water Heating I2. Preparation for Future Photovoltaic Installation			1				
TBD	I3. Onsite Renewable Generation (Solar PV, Solar Thermal, and Wind)			25				
TDD	I4. Net Zero Energy Home			1 2		_		
TBD	I4.1 Near Zero Energy Home I4.2 Net Zero Electric			4				<u> </u>
TBD TBD	I5. Solar Hot Water Systems to Preheat Domestic Hot Water I6. Photovoltaic System for Multifamily Projects			4 12				
BUILDING PERFOR	MANCE AND TESTING			12				
TBD TBD	J1. Third-Party Verification of Quality of Insulation Installation J2. Supply and Return Air Flow Testing			1	1			
TBD	J3. Mechanical Ventilation Testing and Low Leakage				1			<u> </u>
TBD 2008	J4. Combustion Appliance Safety Testing J5. Building Performance Exceeds Title 24 Part 6				1			
10.0%	J5.1 Home Outperforms Title 24	15		30				<u> </u>
15.0% Yes	J5.2 Non-Residential Spaces Outperform Title 24 J6. Title 24 Prepared and Signed by a CABEC Certified Energy Analyst	15		15 1				
TBD	J7. Participation in Utility Program with Third-Party Plan Review	1		1				<u> </u>
TBD	J8. ENERGY STAR for Homes J9. EPA Indoor airPlus Certification			1	1			
. FINISHES								
	K1. Entryways Designed to Reduce Tracked-In Contaminants							
No Yes	K1.1 Entryways to Individual Units K1.2 Entryways to Buildiings	1			1	+		
Yes	K2. Zero-VOC Interior Wall and Ceiling Paints K3. Low-VOC Caulks and Adhesives	2			2			
Yes	K3. Low-VOC Caulks and Adhesives K4. Environmentally Preferable Materials for Interior Finish	1		1	1	1	1	
≥50%	K4.1 Cabinets	1				2		
TBD ≥50%	K4.2 Interior Trim K4.3 Shelving	1	-		-	2		
≥50%	K4.4 Doors	1				2		
TBD	K4.5 Countertops K5. Formaldehyde Emissions in Interior Finish Exceed CARB					1		-
Yes	K5.1 Doors	1			1	L		<u> </u>
Yes	K5.2 Cabinets and Countertops	2			2			
Yes TBD	K5.3 Interior Trim and Shelving K6. Products That Comply With the Health Product Declaration Open Standard	2			2	+		
Yes	K7. Indoor Air Formaldehyde Level Less Than 27 Parts Per Billion	2			2			
No TBD	K8. Comprehensive Inclusion of Low Emitting Finishes K9. Durable Cabinets				1 2	-		+
	=			_			_	+

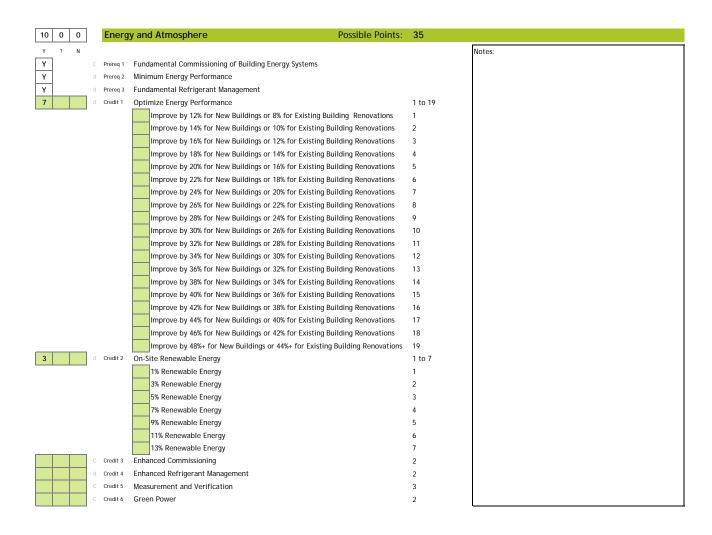
Project Nai	me	ved ved	Community	<u> </u>	ealth	rices		
i rojoot ital		Points Achieved	Comu	Energy	IAQ/Health	Resources	Water	
L. FLOORING ≥75%	L1. Environmentally Preferable Flooring	3		ı		3	ı	
≥75% TBD	L2. Low-Emitting Flooring Meets CDPH 2010 Standard Method—Residential L3. Durable Flooring	3			3	1		
TBD	L4. Thermal Mass Flooring			1				
M. APPLIANCES AND LIC Yes	GHTING M1. ENERGY STAR® Dishwasher	1		Г	Г	Г	1	
TBD	M2. CEE-Rated Clothes Washer			1			2	
TBD	M3. Size-Efficient ENERGY STAR Refrigerator M4. Permanent Centers for Waste Reduction Strategies			2				
Yes	M4.1 Built-In Recycling Center	1				1		
TBD	M4.2 Built-In Composting Center M5. Lighting Efficiency					1		
Yes	M5.1 High-Efficacy Lighting	2		2				
TBD	M5.2 Lighting System Designed to IESNA Footcandle Standards or Designed by Lighting Consultant			2				
TBD	M6. Central Laundry						1	
TBD N. COMMUNITY	M7. Gearless Elevator			1				
4. COMMONT	N1. Smart Development							
No	N1.1 Infill Site N1.2 Designated Brownfield Site	0	1		1	1		
No TBD	N1.3 Conserve Resources by Increasing Density		<u>'</u>	2		2		
TBD	N1.4 Cluster Homes for Land Preservation N1.5 Home Size Efficiency		1			1 9		
	Enter the area of the home, in square feet					. 9		
TBD	Enter the number of bedrooms N2. Home(s)/Development Located Within 1/2 Mile of a Major Transit Stop		2					
טפו	N2. Home(s)/Development Located Within 1/2 Mile of a Major Transit Stop 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					
Yes Yes	N3.3 Traffic Calming Strategies N3.4 Sidewalks Buffered from Roadways and 5-8 Feet Wide	1	1					
Yes	N3.5 Bicycle Storage for Residents	1	1					
Yes TBD	N3.6 Bicycle Storage for Non-Residents N3.7 Reduced Parking Capacity	1	1 2					
V	N4. Outdoor Gathering Places							
Yes	N4.1 Public or Semi-Public Outdoor Gathering Places for Residents N4.2 Public Outdoor Gathering Places with Direct Access to Tier 1 Community	1	1					
TBD	Services		1					
Yes	N5. Social Interaction 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 Yes	N5.3 Porches Oriented to Street and Public Space N5.4 Social Gathering Space	1	1					
	N6. Passive Solar Design							
TBD TBD	N6.1 Heating Load N6.2 Cooling Load			2				
	N7. Adaptable Building							
Yes TBD	N7.1 Universal Design Principles in Units N7.2 Full-Function Independent Rental Unit	2	1		1			
	N8. Affordability							
TBD TBD	N8.1 Dedicated Units for Households Making 80% of AMI or Less 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					
No	N9. Mixed-Use Developments N9.1 Live/Work Units Include a Dedicated Commercial Entrance	0	1					
No	N9.2 At Least 2% of Development Floor Space Supports Mixed Use	0	1					
No O. OTHER	N9.3 Half of the Non-Residential Floor Space is Dedicated to Community Service	0	1	<u> </u>	<u> </u>	<u> </u>		
Yes	O1. GreenPoint Rated Checklist in Blueprints	Υ	R	R	R	R	R	
Yes TBD	O2. Pre-Construction Kickoff Meeting with Rater and Subcontractors O3. Orientation and Training to Occupants—Conduct Educational Walkthroughs	2		0.5	0.5	0.5	0.5	
TBD	O4. Builder's or Developer's Management Staff are Certified Green Building							
TBD	Professionals O5. Home System Monitors			0.5	0.5	0.5	0.5	
	O6. Green Building Education			Ē			Ė	
TBD TBD	O6.1 Marketing Green Building O6.2 Green Building Signage		2	0.5			0.5	
Yes	O7. Green Appraisal Addendum	Y	R	R	R	R	R	
TBD TBD	O8. Detailed Durability Plan and Third-Party Verification of Plan Implementation O9. Residents Are Offered Free or Discounted Transit Passes		2			1		
TBD	O10. Vandalism Deterrence Practices and Vandalism Management Plan					1		
P. DESIGN CONSIDERAT	P1. Acoustics: Noise and Vibration Control		1	Г	1	Г	Г	
	Enter the number of Tier 1 practices							
	Enter the number of Tier 2 practices P2. Mixed-Use Design Strategies							
No No	P2.1 Tenant Improvement Requirements for Build-Outs P2.2 Commercial Loading Area Separated for Residential Area	0			1		1	
No No	P2.2 Commercial Loading Area Separated for Residential Area P2.3 Separate Mechanical and Plumbing Systems	0			1			
	P3. Commissioning			1				
TBD TBD	P3.1 Design Phase P3.2 Construction Phase			1	1			
TBD	P3.3 Post-Construction Phase			1	1	4		
TBD	P4. Building Enclosure Testing Summary				1	1		
	Total Available Points in Specific Categories	381	43	138	61	86	53	
								1
	Minimum Points Required in Specific Categories	50	2	25	6	6	6	
	Total Points Achieved	110.5	13.0		25.0		10.5	



LEED 2009 for Retail: New Construction and Major Renovations

BUTCHER'S CORNER - COMMERCIAL SPACE Project Checklist 6/15/2015

11	0	0		Sustai	nable Sites	Possible Points:	26	
Υ	?	N	d/C					Notes:
Υ]		С	Prereq 1	Construction Activity Pollution Prevention			
			d	Credit 1	Site Selection		1	
1			d	Credit 2	Development Density and Community Connectivity		5	
			d	Credit 3	Brownfield Redevelopment		1	
4			d	Credit 4	Alternative Transportation		1 to 10	
					1 Public Transportation Access		6	
					1 Bicycle Commuting		1	
					1 Low-Emitting and Fuel-Efficient Vehicles		1	
					1 Parking Capacity		3	
					Delivery Service		1	
					Incentives		1	
					Alternative Transportation Education		1	
			С	Credit 5.1	Site Development—Protect or Restore Habitat		1	
1			d	Credit 5.2	Site Development-Maximize Open Space		1	
1			d	Credit 6.1	Stormwater Design—Quantity Control		1	
1			d	Credit 6.2	Stormwater Design—Quality Control		1	
1			С	Credit 7.1	Heat Island Effect—Nonroof		1 to 2	
					25% Under Cover		1	
					50% Under Cover		2	
1			d	Credit 7.2	Heat Island Effect—Roof		1 to 2	
1			d	Credit 8	Light Pollution Reduction		2	
6	0	0		Water	· Efficiency	Possible Points:	10	
Υ	?	N						Notes:
Υ			d	Prereq 1	Water Use Reduction—20% Reduction			
2			d	Credit 1	Water Efficient Landscaping		2 to 4	
					Reduce by 50%		2	
					No Potable Water Use or Irrigation		4	
2			d	Credit 2	Innovative Wastewater Technologies		2	
2			d	Credit 3	Water Use Reduction		2 to 4	
					Reduce by 30%		2	
					Reduce by 35%		3	
					Reduce by 40%		4	



5 0 0 Mater	ials and Resources	Possible Points: 14	
Y ? N			Notes:
Y d Prereq 1	Storage and Collection of Recyclables		
C Credit 1.1	Building Reuse—Maintain Existing Walls, Floors, and Roof	1 to 3	
	Reuse 55%	1	
	Reuse 75%	2	
	Reuse 95%	3	
1 C Credit 1.2	Building Reuse—Maintain Interior Nonstructural Elements	1	
1 C Credit 2	Construction Waste Management	1 to 2	
	50% Recycled or Salvaged	1	
	75% Recycled or Salvaged	2	
C Credit 3	Materials Reuse	1 to 2	
	Reuse 5%	1	
	Reuse 10%	2	
1 C Credit 4	Recycled Content	1 to 2	
	10% of Content	1	
	20% of Content	2	
1 C Credit 5	Regional Materials	1 to 2	
	10% of Materials	1	
	20% of Materials	2	
C Credit 6	Rapidly Renewable Materials	1	
1 C Credit 7	Certified Wood	1	

