GreenPoint Rated Existing Home Checklist

A home is only GreenPoint Rated if all features are verified by a Certified GreenPoint Rater through Build It Green. 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.



Build It Green

Smart Solutions From The Ground Up

Enter Label: Whole House

Points Achieved:

This checklist is used to track projects seeking a Whole House or Elements Label using the GreenPoint Rated Existing Home Rating System. The minimum requirements for each lable are listed 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. The measure or practice must be found in at least 10% of the home to earn points.						
Column A is a dropdown menue with the options of "Yes", "No", or "IBD" or a range of percentages to			20			
anocate points. Select the appropriate dropdown and the apropriate points will appear in the yellow points acheived" column		0 0	0	5 ₀	6 ₀	8 0
The criteria for the green building practices listed below are described in the GreenPoint Rated Existing Home Rating Manual, available at www.builditgreen.org/greenpointrated						
GreenPoint Rated Existing Home Checklist version 2.1						
Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water
AA. COMMUNITY			Pos	sible Po	oints	
TBD 1. Home is Located within 1/2 Mile of a Major Transit Stop		2				
2. Compact Development & House Size						
a. Density of 10 Units per Acre or Greater (Enter units/acre)		2			2	
IBD b. Home Size Efficiency (5 points is average, points awarded based on home size) 3. Pedeetrian and Ricycle Access/ Alternative Transportation					19	
a. Site has Pedestrian Access Within ½ 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) Poet Office 8) Senior Care Eacility 9) Medical/Dental						
10) Hair Care 11) Commercial Office of Major Employer 12) Full Supermarket						
TBD 5 Services Listed Above (Tier 2 Services count as 1/2 Service Value)		1				
TBD 10 Services Listed Above (Tier 2 Services count as 1/2 Service Value)		1				
TBD b. Access to A Dedicated Pedestrian Pathway to Places of Recreational Interest within 1/2 Mile		1				
TPD a At Least Two of the Following Traffic Coloning Strategies Installed within 1/4 miles						
C. At Least 1 wo of the Pollowing Transc-calming Strategies installed within 1/4 mile.		1				
Ten Eact 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						
TBD a. Front Entrance Has Views from the Inside to Outside Callers		1				
TBD b. Front Entrance Can be Seen from the Street and/or from Other Front Doors		1				
I BD C. Porch (min. 100st) Uriented to Streets and Public Spaces		1				
5. Diverse Households		A				
a. Home Has at Least One Zero-Step Entrance (prerequiste for 5b. And 5c.)		1				
TBD b. All Main Floor Interior Doors & Passageways Have a Mill. 32-Inch Clear Passage Space		1				
TBD d Lot Includes Full-Function Independent Rental Unit		1				
Total Points Available in Community = 26			1	1	1	1
A. SITE			Pos	sible Po	oints	
TBD 1. Protect Existing Topsoil from Erosion and Reuse after Construction		1				1
2. Divert Construction and Demolition Waste						
TBD a. Divert All Cardboard, Concrete, Aspnait and Metals (Required for both Whole House and Elements, if Applicable)	N				R	
TBD b. Divert 25% C&D Waste Excluding All Cardboard, Concrete, Asphalt and Metals					2	
IBD 3. Construction IAQ Management Plan				2		

Proje	ect Name	Points chieved	Community	Energy	IAQ/Health	Resources	Water
	Total Points Available in Site = 6	٩.		_			
B FOUN	ΠΔΤΙΩΝ			Pos	sihle Pr	nints	
D. 1 001	1. Replace Portland Cement in Concrete with Recycled Flyash or Slag			103	315161	71113	
TBD	a. Minimum 20% Flyash and/or Slag Content					1	
TBD	b Minimum 30% Elvash and/or Slag Content					1	
TBD	2. Moisture Source Verification and Correction (Required for Whole House)	N			R	R	
	3. Retrofit Crawl Space to Control Moisture			1			1
TBD	a. Control Ground Moisture with Vapor Barrier				2		
TBD	b. Foundation Drainage System					2	
TBD	4. Pest Inspection and Correction					1	1
	5 Design and Build Structural Pest Controls			<u> </u>	<u> </u>		ļ
	a Install Termite Shields & Senarate All Exterior Wood-to-Concrete Connections by						
TBD	Metal or Plastic Fasteners/Dividers					1	
TBD	b. All New Plants Have Trunk, Base, or Stem Located At Least 36 Inches from Foundation					1	
TBD	6. Radon Testing and Correction or Radon Resistant Construction				1		
100	Total Points Available in Foundation = 10						1
C. LAND	SCAPE			Pos	sible Po	oints	
No	Is the landscape area <15% of the total site area? (only 3 points available in this section for projects with <15% landscape area)						
	1. Resource-Efficient Landscapes						
TBD	a. No Invasive Species Listed by Cal-IPC Are Planted						1
TBD	b. No Plant Species Require Shearing					1	
TBD	c. 50% of Plants Are California Natives or Mediterranean Cimate Species						3
TBD	2. Fire-Safe Landscaping Techniques		1				1
	3. Minimal Turf Areas						
TBD	a. Turf Not Installed on Slopes Exceeding 10% or in Areas Less than 8 Feet Wide						2
TBD	b. Turf is <25% of Landscaped Area						2
TBD	c. Turf is <10% of Landscaped Area or eliminated						2
TBD	4. Shade Trees Planted		1	1			1
TBD	5. Plants Grouped by Water Needs (Hydrozoning)						2
	6. High-Efficiency Irrigation Systems Installed						
TBD	a. System Uses Only Low-Flow Drip, Bubblers, or Low-flow Sprinklers						2
TBD	b. System Has Smart Controllers						3
IBD	7. Compost and Recycle Garden Trimmings on Site						1
TBD	8. Mulch in All Planting Beds to the Greater of 2 Inches or Local Water Ordinance Requirement						2
TBD	9. Use Environmentally Preferable Materials for Non-Plant Landscape Elements and Fencing					1	
TBD	10. Light Pollution Reduced by Shielding Fixtures and Directing Light Downward		1				
	11. Rain Water Harvesting System (1 point for ≤ 350 gallons, 2 points for > 350 gallons)					_	
TBD	a. Cistern(s) is Less Than 750 Gallons						1
TBD	b. Cistern(s) is 750 to 2,500 Gallons						1
TBD	c. Cistern(s) is Greater Than 2,500 Gallons						1
TBD	12. Soil Amended with Compost					1	1
	Total Points Available in Landscape = 32						

Proje	ect Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water
D. STRU	CTURAL FRAME & BUILDING ENVELOPE			Pos	sible Po	oints	
	1. Optimal Value Engineering						1
TBD	a. Place Rafters & Studs at 24-Inch On Center Framing					1	
TBD	b. Size Door & Window Headers for Load					1	
TBD	c. Use Only Jack & Cripple Studs Required for Load					1	
	2. Use Engineered Lumber						
TBD	a. Engineered Beams & Headers					1	
TBD	b. Insulated Headers			1			
TBD	c. Engineered Lumber for Floors					1	
TBD	d. Engineered Lumber for Roof Rafters					1	
TBD	e. Engineered or Finger-Jointed Studs for Vertical Applications					1	
TBD	f. Oriented Strand Board for Sublfoor					1	
TBD	g. Oriented Strand Board Wall and Roof Sheathing					1	
	3. FSC Certified Wood						
TBD	a. Dimensional Lumber, Studs, and Timber					4	
TBD	b. Panel Products					2	
	4. Solid Wall Systems (includes SIPs, ICFs, & Any Non-Stick Frame Assembly)						
TBD	a. Floors			2		2	
TBD	b. Walls			2		2	
TBD	c. Roofs			2		2	
100	5 Reduce Pollution Entering the Home from the Garage			-		-	1
TBD	a Tightly Seal the Air Barrier between Garage and Living Area				1		
TBD	h Install Garage Exhaust Fan OR Have a Detached Garage				1		
TOD	6 Energy Heels on Roof Trusses (75% of Attic Insulation Height at Outside Edge of Exterior				1		
TBD	Wall)			1			
	7. Overhangs and Gutters						
TBD	a. Minimum 16-Inch Overhangs and Gutters					1	
TBD	b. Minimum 24-Inch Overhangs and Gutters			1			
	8. Retrofit/ Upgrade Structure for Lateral Load Reinforcement for Wind or Seismic						
TBD	a. Partial Lateral Load Reinforcement Upgrades/ Retrofits					1	1
TBD	b. Lateral Load Reinforcement Upgrades/ Retrofits for Entire home					2	
TBD	9. Sound Exterior Assemblies (Required for Whole House)	N				R	
	Total Points Available in Structural Frame & Building Envelope = 36						1
E. EXTER	RIOR FINISH			Pos	sible Po	oints	
TBD	1. Recycled-Content (No Virgin Plastic) or FSC-Certified Wood Decking					2	
TBD	2. Rain Screen Wall System Installed					2	
TBD	3. Durable & Noncombustible Cladding Materials					1	
TBD	4. Durable & Fire-Resistant Roofing Materials or Assembly					2	
	Total Points Available in Exterior Finish = 7						1
F. INSUL	ATION			Pos	sible Po	oints	
	1. Install Insulation with 30% Post-Consumer Recycled Content						
TBD	a. Walls and Floors					1	
TBD	b. Ceilings					1	
	2. Install Insulation that is Low-Emitting (Certified CA Residential Section 01350)						
TBD	a. Walls and Floors		·		1		
TBD	b. Ceilings				1		
TBD	3. Inspect Quality of Insulation Installation before Applying Drywall			1			
	Total Points Available in Insulation = 5			1	1	1	1

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TBD 2. High-Efficiency Tolets (Dual-Fluxines 2 TBD A. Mir Kutures	TBD	c. Install On-Demand Circulation Control Pump			1			1
3. Water Efficient Fixtures Image: Control of C	TBD	2. High-Efficiency Toilets (Dual-Flush or ≤ 1.28 gpf)						2
TBD a. All Fixtures Meet Federal Energy Policy Act (Tolets: 1.6 gpf. Sinks: 2.2 gpm, Showers: 2 gpm) (Required For Whole House) N R TBD b. High-Efficiency Showerheads Use 3.2 gpm at 80 psi 1 1 TBD 4. Plumbing Survey (No Plumbing Lasks) (Required for Whole House and Elements) N R TBD 4. Plumbing Survey (No Plumbing Lasks) (Required for Whole House and Elements) N R H.EATING, VENTILATION & AIR CONDITIONING Possible Points R TBD 1. General HVAC Equipment Verification and Correction		3. Water Efficient Fixtures						
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TBD 5. High Efficiency Air Conditioning with Environmentally 1 1 BE Responsible Refrigerants 1 1 BD a. New Ductwork installation 1 1 BD a. New Ductwork installation 1 1 BD b. Duck Mastic Used on All Ducks, Joints and Seams 1 1 C. Ductwork System is Pressure Relieved 1 1 1 BD r. High Efficiency HVAC Filter (MERV 6+) 1 1 1 BD S. No Fireplace OR Sealed Gas Fireplaces with Efficiency Rating ≥60% using CSA Standards 1 1 1 9. Effective Exhaust Systems Installed in Bathrooms and Kitchens 1 1 1 1 BD a. ENERGY STAR Bathroom Fans are on Timer or Humidistat 1 1 1 1 TBD c. Kitchen Range Hood Vented to the Outside 1	TBD	4. Zoned, Hydronic Radiant Heating			1	1		
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TBD c. Ductwork System is Pressure Relieved 1 TBD 7. High Efficiency HVAC Filter (MERV 6+) 1 TBD 8. No Fireplace OR Sealed Gas Fireplaces with Efficiency Rating ≥60% using CSA Standards 1 BD 8. No Fireplace OR Sealed Gas Fireplaces with Efficiency Rating ≥60% using CSA Standards 1 BD a. ENERGY STAR Bathroom Fans Vented to the Outside 1 BD a. ENERGY STAR Bathroom Fans are on Timer or Humidistat 1 TBD c. Kitchen Range Hood Vented to the Outside 1 BD c. Kitchen Range Hood Vented to the Outside 1 BD a. ENERGY STAR Celling Fans & Light Kits in Living Areas & Bedrooms 1 b. Whole House Fan 1 1 TBD a. Compliance with ASHRAE 62.2 Mechanical Ventilation Standards (as adopted in Title 24 Part 6) 1 b. Advanced Ventilation Practices (Continuous Operation, Sone Limit, Minimum Efficiency, Minimum Ventilation Rate, Homeowner Instructions) 1 1 TBD a. Carbon Monoxide Testing and Correction (Required for Whole House) N R TBD b. Carbon Monoxide Testing and Correction (Required for Whole House) N R TBD b. Carbon Monoxide Alarm(s) Installed 1 1	TBD	b. Duct Mastic Used on All Ducts, Joints and Seams			1			
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1DD 0. White Holds Ham 1 1 1 1 11. Mechanical Ventilation for Fresh Air Installed 1 1 1 1 TBD a. Compliance with ASHRAE 62.2 Mechanical Ventilation Standards (as adopted in Title 24 Part 6) 1 1 1 TBD b. Advanced Ventilation Practices (Continuous Operation, Sone Limit, Minimum Efficiency, Minimum Ventilation Rate, Homeowner Instructions) 1 1 1 TBD c. Outdoor Air Ducted to Bedroom and Living Areas of Home 1 1 1 1 TBD a. Carbon Monoxide 1 1 1 1 1 TBD b. Carbon Monoxide Testing and Correction (Required for Whole House) N R 1 1 1 TBD b. Carbon Monoxide Alarm(s) Installed 1		a. ENERGY STAR Centry Fails & Light Rits in Eiving Aleas & Deutoonis			1			
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TBD a. Comparise with Ash INAL 02.2 Mechanical Ventuation Standards (as adopted in Title 24 Part 6) 1 1 1 TBD b. Advanced Ventilation Practices (Continuous Operation, Sone Limit, Minimum Efficiency, Minimum Ventilation Rate, Homeowner Instructions) 1 1 1 1 TBD c. Outdoor Air Ducted to Bedroom and Living Areas of Home 1 1 1 1 TBD c. Outdoor Air Ducted to Bedroom and Living Areas of Home 1 1 1 1 TBD a. Carbon Monoxide a. Carbon Monoxide Testing and Correction (Required for Whole House) N R 1		a Compliance with ASHRAE 62.2 Mechanical Ventilation Standards (ac						
TBD b. Advanced Ventilation Practices (Continuous Operation, Sone Limit, Minimum 1 1 TBD c. Autoanced Ventilation Rate, Homeowner Instructions) 1 1 TBD c. Outdoor Air Ducted to Bedroom and Living Areas of Home 1 1 12. Carbon Monoxide a. Carbon Monoxide 1 1 TBD a. Carbon Monoxide Testing and Correction (Required for Whole House) N R TBD b. Carbon Monoxide Testing and Correction (Required for Whole House) N R TBD b. Carbon Monoxide Testing and Correction (Required for Whole House) N R TBD 13. Combustion Safety Backdraft Test (Required for Whole House and Elements) N R TBD 13. Combustion Safety Backdraft Test (Required for Whole House and Elements) N R Total Points Available in Heating, Ventilation and Air Conditioning = 30 I I I. Offset Energy Consumption with Onsite Renewable Generation (Solar PV, Solar Thermal, Wind) 25 I Enter % total energy consumption offset, 1 point per 4% offset 25 I	TBD	adopted in Title 24 Part 6)				1		
TBD c. Outdoor Air Ducted to Bedroom and Living Areas of Home 1 1 1 12. Carbon Monoxide	TBD	b. Advanced Ventilation Practices (Continuous Operation, Sone Limit, Minimum				1		
12. Carbon Monoxide 1 1 1 TBD a. Carbon Monoxide Testing and Correction (Required for Whole House) N R 1 TBD b. Carbon Monoxide Alarm(s) Installed 1 1 1 TBD 13. Combustion Safety Backdraft Test (Required for Whole House and Elements) N R 1 TBD 13. Combustion Safety Backdraft Test (Required for Whole House and Elements) N R 1 TBD 13. Combustion Safety Backdraft Test (Required for Whole House and Elements) N R 1 Total Points Available in Heating, Ventilation and Air Conditioning = 30 I. RENEWABLE ENERGY Possible Points 1. Offset Energy Consumption with Onsite Renewable Generation (Solar PV, Solar Thermal, Wind) 25 25 25 Total Points Available in Renewable Energy = 25	TRD	Chuldoor Air Ducted to Bedroom and Living Areas of Home			1	1		
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Total Points Available in Heating, Ventilation and Air Conditioning = 30 I. RENEWABLE ENERGY Possible Points 1. Offset Energy Consumption with Onsite Renewable Generation (Solar PV, Solar Thermal, Wind) Enter % total energy consumption offset, 1 point per 4% offset 25 Total Points Available in Renewable Energy = 25	TBD	13. Combustion Safety Backdraft Test (Required for Whole House and Elements)	N			R		
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Enter % total energy consumption offset, 1 point per 4% offset 20 Total Points Available in Renewable Energy = 25		1. Offset Energy Consumption with Onsite Renewable Generation (Solar PV, Solar Thermal, Wind)			25			
Total Points Available in Renewable Energy = 25		Enter % total energy consumption offset, 1 point per 4% offset						
		Total Points Available in Renewable Energy = 25						

Proje	ect Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water
J. BUILD	ING PERFORMANCE			Pos	sible Po	oints	
TBD	1. Energy Survey and Education (Required for Elements or Meet J3)	N		R			
	2. Energy Upgrades (Available for Elements Rating Only, Mutually Exclusive with J3. 2 point minimum and 6 point maximum credit required)						
	TIER 1: Practices in Tier 1 Are Worth Full Value (1 point)						
TBD	a) Attic Insulation up to or Exceeding Current Code			1			
TBD	b) Crawl Space Insulation up to or Exceeding Current Code			1			
TBD	c) Wall Insulation up to or Exceeding Current Code			1			
TBD	d) High Efficiency Furnace (90% AFUE Minimum)			1			
TBD	e) Seal Ducts and Duct Leakage is <15%			1			
TBD	f) 14 SEER, 11.5 EER Air Conditioning Unit (in climate zones 2,4,8-15)			1			
TBD	g) 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)						
TBD	h) High Efficiency Water Heater ≥.62EF			0.5			
TBD	i) Radiant Barrier in Attic			0.5			
TBD	j) Windows Upgraded to Current Code Requirements, Which are Typically Dual Pane			0.5			
TBD	k) Duct insulation to Code			0.5			
TBD	I) Programmable Thermostat			0.5			
IRD	m) 14 SEER, 11.5 EER Air Conditioning unit (in climate zones 1,3,5,6,7,16)			0.5			
	Blower Door Test) (Required for Whole House, Available for Elements)			10+			
TBD	4. Design and Build Zero Energy Homes			5			
TBD	5. Comprehensive Utility Bill Analysis			1			
	Total Points Available in Building Performance = 16+						
K. FINISH	HES A Factoria de Declara Tarala dia Ocatoria ata			Pos	sible Po	oints	1
IBD	1. Entryways Designed to Reduce Tracked in Contaminants				1		
TPD	2. Low VOC Interior Wall/Ceiling Points (250 gpl VOCs regardless of sheen)				1		
	h. Zero-VOC: Interior Wall/Ceiling Paints (<5 opt VOCs (egaratess of sheen)				2		
	3 Coatings Meet SCAOMD Bule 1113 for Low VOCs				2		
TBD	4. Low-VOC Caulks & Construction Adhesives (Meet SCAQMD Rule 1168)				2		
TBD	5. Recvcled-Content Paint					1	
				1		1	1
	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						
TBD	a. Cabinets					1	
TBD	b. Interior Trim					1	
TBD	c. Shelving					1	
TBD	d. Doors					1	
TBD	e. Countertops					1	
TBD	7. 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 (Required for Whole Building & Elements) (EPA IAP)	N			R		
	8. Reduce Formaldehyde in Interior Finish - Exceed Current CARB ATCM for Composite Wood Formaldehyde Limits Prior to Mandatory Compliance Dates						
TBD	a. Doors				1		
TBD	b. Cabinets and Countertops				2		
TBD	c. Interior Trim and Shelving				1		
TBD	9. After Installation of Finishes, Test of Indoor Air Shows Formaldehyde Level <27ppb				3		
	Total Points Available in Finishes = 21						
L. FLOO	RING			Pos	sible Po	oints	1
TBD	1. Environmentally Preferable Flooring: A) FSC-Certified Wood B) Reclaimed or Refinished C) Rapidly Renewable D) Recycled-Content, E) Exposed Concrete F) Local Flooring Adhesives Must Have <70 gpl VOCs and sealer must meet SCAQMD Rule 1113.					4	
TBD	2. Thermal Mass Floors			1			
TBD	3. Flooring Meets CA Section 01350 or CRI Green Label Plus Requirements				2		
	Total Points Available in Flooring = 7			1		1	1

Proje	ect Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water
M. APPL	IANCES AND LIGHTING			Pos	sible P	oints	
TBD	1. ENERGY STAR Dishwasher (Must Meet Current Specifications) (Mutually Exclusive with J3)			1			1
	2. ENERGY STAR Clothes Washing Machine with Water Factor of 6 or Less						
TBD	a. Meets CEE Tier 2 Requirements (Modified Energy Factor 2.0, Water Factor 6.0)			1			2
TBD	b. Meets CEE Tier 3 Requirements (Modified Energy Factor 2.2, Water Factor 4.5)						2
100	3. ENERGY STAR Refrigerator Installed			1	1	1	
TBD	a. ENERGY STAR Qualified & < 25 cu.ft.Capacity (Mutually Exclusive with J3)			1		1	
TBD	b. ENERGY STAR Qualified & < 20 cu.ft Capacity (Mutually Exclusive with J3)			1			
	4. Built-In Recycling & Composting Center					1	
TBD	a. Built-In Recycling Center					2	
TBD	b. Built-In Composting Center					1	
TBD	5. Electrical Survey (Required for Whole House)	N				R	
TBD	6 Verification of Entire Electrical System					2	
	7 Energy Efficient Lighting			4			
IBD	A Line Manual Line (1) and (2) and (1)			1			
TBD	8.Low- Mercury Lamps (Linear and Compact Flourescent)					1	
TBD	9. Lighting Controls Installed			1			
	Total Points Available in Appliances and Lighting = 13+						
N. OTHE	R			Pos	sible P	oints	
TBD	1. Incorporate GreenPoint Checklist in Blueprints Or Distribute Checklist (Required for Whole House and Elements)	N		R			
TBD	2. Develop Homeowner Manual of Green Features/Benefits			1			1
	3. Hazardous Waste Testing						
TBD	a. Lead Testing Interior, Exterior and Soil				1		
TBD	b. Asbestos Testing and Remediation				1		
TBD	4. Gas Shut Off Valve (motion/ non-motion)				1	1	
	Total Points Available in Other = 6						
P. INNO	/ATIONS			Pos	sible P	oints	
	AA. Community: No Innovation Measures At This Time						
	A. Site						
TBD	1. Cool Site		1				
	B. Foundation: No Innovation Measures At This Time						
	C. Landscaping						
IBD	I. Irrigation System Uses Recycled Wastewater					<u> </u>	1
	D. Structural Frame and Building Envelope						
TDD	1. Design, Build and Maintain Structural Pest and Rot Controls						1
IBD	a. Locate All Wood (Siding, Trim, Structure) At Least 12 inches Above Soli					1	
TBD	b. All wood Framing 3 Feet from the Foundation is Treated with Borates (or Use Factory- Impregnated Materials) OR Walls are Not Made of Wood				1	ļ	ļ
TBD	 Service Resistant Materials and Practices in Wet Areas of Kitchen, Bathrooms, Utility Rooms, and Basements Service For the service and the service of the servic				1		
TOO	3. Use FSU-Certified Engineered Lumber			1	1		1
TBD	a. Engineered Beams and Headers					1	-
TBD	D. Insulated Engineered Headers					1	-
TBD	C. WOOD I-JOISTS OF WED I RUSSES FOR FLOORS					1	
TBD	a. wood I-Joists for Root Ratters					1	
TBD	e. Engineered or Finger-Jointed Studs for Vertical Applications					1	
IBD	T. KOOT I FUSSES					1	
TOD	L. EXTERIOR FINISN		0				1
IBD	1. Green Roots (25% of Root Area Minimum)		2	2			

Proje	ect Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water
	F. Insulation: No Innovation Measures At This Time						
	G. Plumbing						
TBD	1. Graywater Pre-Plumbing (Includes Clothes Washer at Minimum)						1
TBD	2. Graywater System Operational (Includes Clothes Washer at Minimum)						2
TBD	3. Innovative Wastewater Technology (Constructed Wetland, Sand Filter, Aerobic System)						1
TBD	4. Composting or Waterless Toilet						1
TBD	5. Install Drain Water Heat-Recovery System			1			
	H. Heating, Ventilation and Air Conditioning (HVAC)						
TBD	1. Humidity Control Systems (Only in California Humid/Marine Climate Zones 1,3,5,6,7)				1		
	I. Renewable Energy: No Innovation Measures At This Time						
	J. Building Performance						
TBD	1. Test Total Supply Air Flow Rates			1			
TBD	2. Energy Budget Analysis (J3) Completed By CEPE			1			
	K. Finishes: No Innovation Measures At This Time.						
	L. Flooring: No Innovation Measures At This Time.						
	M. Appliances: No Innovation Measures At This Time.						
	N. Other						
TBD	1. Homebuilder's Management Staff Are Certified Green Building Professionals		1				
TBD	2. Comprehensive Owner's Manual and Homeowner Education Walkthroughs		1				
	Additional Innovations: List innovative measures that meet green building objectives. Points will be assessed by Build It Green and the GreenPoint Rater.						
TBD	a. Describe Innovation Here and Enter Possible Points in Columns L-P						
TBD	b. Describe Innovation Here and Enter Possible Points in Columns L-P						
TBD	c. Describe Innovation Here and Enter Possible Points in Columns L-P						İ
TBD	d. Describe Innovation Here and Enter Possible Points in Columns L-P						
TBD	e. Describe Innovation Here and Enter Possible Points in Columns L-P						
TBD	f. Describe Innovation Here and Enter Possible Points in Columns L-P						
TBD	g. Describe Innovation Here, and Enter Possible Points in Columns I -P						
TBD	h. Describe Innovation Here and Enter Possible Points in Columns I -P						
	Total Points Available in Innovation = 26+						
Summ							
Junin	Tatal Available Dainte	224+	25	83	46	76	47
		224 ⁺	20	20	40 F	6	41
	Minimum Points Required (Whole House)	50		20	5	0	8
	Minimum Points Required (Elements)	25		8	2	2	4
	Total Points Achieved						

GreenPoint Rated Checklist: Single Family

The GreenPoint Rated checklist tracks green features incorporated into the home. <u>A home is only</u> <u>GreenPoint Rated if all features are verified by a Certified GreenPoint Rater through Build It Green</u>. 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.

The minimum requirements of GreenPoint Rated are: verification of 50 or more points; Earn the following minimum points per category: Energy (30), Indoor Air Quality/Health (5), Resources (6), and Water (9); and meet the prerequisites A.2.a, H10a., J.2., N.1, and Q0.

This checklist accommodates the verification of mandatory CALGreen measures but does not signify compliance unless accepted by enforcing agency. All CALGreen measures within the checklist must be selected as "Yes" or "n/a" for compliance with GreenPoint Rated. Build It Green is not a code enforcement agency.

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**

Single Family New Home 4.2 / 2008 Title 24



Total Points Targeted: 0



Entei	[•] Project Name	Points Achieved	Communit	Energy	IAQ/Health	Resources	Water	Notes
A. SITE				Poss	ible Po	oints		
	1. Protect Topsoil and Minimize Disruption of Existing Plants & Trees							
TBD	a. Protect Topsoil and Reuse after Construction	0	1				1	
TBD	b. Limit and Delineate Construction Footprint for Maximum Protection	0					1	
	2. Divert/Recycle Job Site Construction Waste							
	(Including Green Waste and Existing Structures)							
TBD	a. Required: Divert 50% (by weight) of All Construction and Demolition Waste	Ν				R		
	(Recycling or Reuse) (CALGreen Code)							
TBD	b. Divert 100% of Asphalt and Concrete and 65% (by weight) of Remaining Materials	0				2		
TBD	c. Divert 100% of Asphalt and Concrete and 80% (by weight) of Remaining Materials	0				2		
	3. Use Recycled Content Aggregate (Minimum 25%)							
TBD	a. Walkway and Driveway Base	0				1		
TBD	b. Roadway Base	0				1		
TBD	4. Cool Site: Reduce Heat Island Effect On Site	0	1					
	5. Construction Environmental Quality Management Plan, Duct Sealing,							
	and Pre-Occupancy Flush-Out [*This credit is a requirement associated with							
	J4: EPA IAP]							
TBD	a. Duct openings and other related air distribution component openings shall be covered	0			1			
	during construction. (CALGreen code if applicable)							
TBD	b. Full environmental quality management plan and pre-occupancy flush out is	0			1			
	Conducted (Prerequisite is A5a)							
-	I otal Points Available in Site = 12	0		-				
B. FOUND	ATION			Poss	ible Po	Dints		

Entei	Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
TBD	1. Replace Portland Cement in Concrete with Recycled Fly Ash and/or Slag (Minimum 20%)	0				2		
TBD	2. Use Frost-Protected Shallow Foundation in Cold Areas (CEC Climate Zone 16)	0				2		
TBD	3. Use Radon Resistant Construction [*This credit is a requirement associated with J4: EPA IAP]	0			2			
TBD	4. Install a Foundation Drainage System [*This credit is a requirement associated with J4: EPA IAP]	0				2		
TBD	5. Moisture Controlled Crawlspace [*This credit is a requirement associated with J4: EPA IAP]	0			2			
	6. Design and Build Structural Pest Controls							
TBD	a. Install Termite Shields & Separate All Exterior Wood-to-Concrete Connections	0				1		
TBD	b. All Plants Have Trunk, Base, or Stem Located At Least 36 Inches from Foundation	0				1		
	Total Points Available in Foundation = 12	0		·				
C. LANDS	CAPE			Poss	sible P	oints		
	Enter in the % of landscape area. (Projects with less than 15% of the total site area (i.e. total lot							
0%	size) as landscape area are capped at 6 points for the following measures: C1 through C7 and C9 through C11.							
TBD	1. Group Plants by Water Needs (Hydrozoning)	0					2	
TBD	2. Mulch All Planting Beds to the Greater of 3 Inches or Local Water Ordinance Requirement	0					2	
	3. Construct Resource-Efficient Landscapes							
TBD	a. No Invasive Species Listed by Cal-IPC Are Planted	0					1	
TBD	b. No Plant Species Will Require Shearing	0				1		
TBD	 c. 75% of Plants Are Drought Tolerant, California Natives or Mediterranean Species or Other Appropriate Species 	0					3	
	4. Minimize Turf in Landscape Installed by Builder			·				
TBD	 a. Turf Shall Not Be Installed on Slopes Exceeding 10% and No Overhead Sprinklers Installed in Areas Less than 8 Feet Wide 	0					2	
TBD	b. Turf is Small Percentage of Landscaped Area (2 Points for ≤25%, 4 Points for ≤10%)	0					4	
TBD	5. Plant Shade Trees	0	1	1			1	
	6. Install High-Efficiency Irrigation Systems							
TBD	a. System Uses Only Low-Flow Drip, Bubblers, or Sprinklers	0					2	
TBD	 b. System Has Smart (Weather-Based) Controller (CALGreen code if applicable) 	0					3	
TBD	7. Incorporate Two Inches of Compost in the Top 6 to 12 Inches of Soil	0					3	
	8. Rain Water Harvesting System							
TBD	a. Cistern(s) is Less Than 750 Gallons	0					1	
TBD	b. Cistern(s) is 750 to 2,500 Gallons	0					1	
TBD	c. Cistern(s) is Greater Than 2,500 Gallons	0					1	
TBD	9. Irrigation System Uses Recycled Wastewater	0					1	
TBD	10. Submetering for Landscape Irrigation	0					1	
	11. Design Landscape to Meet Water Budget							
TBD	a. Install Irrigation System That Will Be Operated at ≤70% Reference ET (Prerequisites for Credit are C1. and C2.)	0					1	

Enter	r Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
TBD	 b. Install Irrigation System That Will Be Operated at ≤50% Reference ET (Prerequisites for Credit are C1, C2, and C6a or C6b.) 	0					1	
TBD	 12. Use Environmentally Preferable Materials for 70% of Non-Plant Landscape Elements and Fencing A) FSC-Certified Wood, B) Reclaimed, C) Rapidly Renewable, D) Recycled-Content E) Finger-Jointed or F) Local 	0				1		
TBD	13. Reduce Light Pollution by Shielding Fixtures and Directing Light Downward	0	1					
	Total Points Available in Landscape = 35	0						
D. STRUC	TURAL FRAME & BUILDING ENVELOPE			Poss	ible Po	oints		
	1. Apply Optimal Value Engineering							
TBD	a. Place Joists, Rafters and Studs at 24-Inch On Center	0				3		
TBD	b. Door and Window Headers are Sized for Load	0				1		
TBD	c. Use Only Cripple Studs Required for Load	0				1		
	2. Construction Material Efficiencies							
TBD	a. Wall and Floor Assemblies (Excluding Solid Wall Assemblies) are Delivered Panelized from Supplier (Minimum of 80% Square Feet)	0				2		
TBD	b. Modular Components Are Delivered Assembled to the Project (Minimum 25%)	0				6		
	3. 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. Engineered Lumber for Roof Rafters	0				1		
TBD	d. Engineered or Finger-Jointed Studs for Vertical Applications	0				1		
TBD	e. Oriented Strand Board for Subfloor	0				1		
TBD	f. Oriented Strand Board for Wall and Roof Sheathing	0				1		
TBD	4. Insulated Headers	0		1				
	5. Use FSC-Certified Wood							
TBD	a. Dimensional Lumber, Studs and Timber (Minimum 40%)	0				6		
TBD	b. Panel Products (Minimum 40%)	0				3		
	6. Use Solid Wall Systems (Includes SIPS, ICFs, & Any Non-Stick Frame							
TDD	Assembly)	0				0		
TBD		0				2		
	D. Walls	0				1		
	C. RUUIS	0				- 1		
TBD	(75% of Attic Insulation Height at Outside Edge of Exterior Wall)	0		1				
	8. Install Overhangs and Gutters							
TBD	a. Minimum 16-Inch Overhangs and Gutters	0				1		
TBD	b. Minimum 24-Inch Overhangs and Gutters	0		1				
	9. Reduce Pollution Entering the Home from the Garage		'					
	[*This credit is a requirement associated with J4: EPA IAP]							
TBD	a. Install Garage Exhaust Fan OR Build a Detached Garage	0			1			
TBD	 b. Tightly Seal the Air Barrier between Garage and Living Area (Performance Test Required) 	0			1			
	Total Points Available in Structural Frame and Building Envelope = 39	0						

Enter Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
E. EXTERIOR			Pos	sible Po	oints		
TBD 1. Use Environmentally Preferable Decking	0				2		
2. Flashing Installation Techniques Specified and Third-Party Verified	0				1		
[*This credit is a requirement associated with J4: EPA IAP]	0				1		
TBD 3. Install a Rain Screen Wall System	0				2		
TBD 4. Use Durable and Non-Combustible Siding Materials	0				1		
TBD 5. Use Durable and Fire Resistant Roofing Materials or Assembly	0				2		
Total Points Available in Exterior = 8	0						
F. INSULATION			Poss	sible P	oints		
1. Install Insulation with 75% Recycled Content						-	
TBD a. Walls	0				1		
TBD b. Ceilings	0				1		
TBD c. Floors	0				1		
Total Points Available in Insulation = 3	0					-	
G. PLUMBING			Poss	sible P	oints		
1. Distribute Domestic Hot Water Efficiently						-	
(Max. 5 points, G1a. is a Prerequisite for G1b-e)							
a. Insulate All Hot Water Pipes	•		4			4	
[*This credit is a requirement associated with J4: EPA IAP]	0		1			1	
TBD b. Use Engineered Parallel Plumbing	0					1	
TBD c. Use Engineered Parallel Plumbing with Demand Controlled Circulation Loop(s)	0					1	
d. Use Traditional Trunk, Branch and Twig Plumbing with Demand Controlled	•		4			-	
TBD Circulation Loop(s)	0		1			2	
TBD e. Use Central Core Plumbing	0		1		1	1	
2. Water Efficient Fixtures							
a. High Efficiency Showerheads ≤2.0 Gallons Per Minute (gpm) at 80 psi. (Multiple	0					2	
showerheads shall not exceed maximum flow rates) (CALGreen code if applicable)	0					3	
TBD b. High Efficiency Bathroom Faucets ≤ 1.5 gpm at 60psi (CALGreen code)	0					1	
TBD c. High Efficiency Kitchen and Utility Faucets ≤1.8 gpm (CALGreen code if applicable)	0					1	
3. Install Only High Efficiency Toilets (Dual-Flush or ≤1.28 Gallons Per	0					0	
Flush (gpf)) (CALGreen code if applicable)	0					2	
Total Points Available in Plumbing = 12	0						
H. HEATING, VENTILATION & AIR CONDITIONING			Poss	sible P	oints		
1. Properly Design HVAC System and Perform Diagnostic Testing						-	
a. Design and Install HVAC System to ACCA Manual J, D, and S Recommendations							
TBD (CALGreen code if applicable)	0		4				
[*This credit is a requirement associated with J4: EPA IAP]							
b. Test Total Supply Air Flow Rates	0		A				
[*This credit is a requirement associated with J4: EPA IAP]	0		1				
TBD c. Third Party Testing of Mechanical Ventilation Rates for IAQ (meet ASHRAE 62.2)	0		1				
2. Install Sealed Combustion Units							
[*This credit is a requirement associated with J4: EPA IAP]							
TBD a. Furnaces	0			2			
TBD b. Water Heaters	0			2			
TBD 3. Install High Performing Zoned Hydronic Radiant Heating	0		1	1			

Enter	· Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
TBD	4. Install High Efficiency Air Conditioning with Environmentally	0	1					
	5 Design and Install Effective Ductwork							
TBD	a Install HVAC Unit and Ductwork within Conditioned Space	0		1				
	b. Use Duct Mastic on All Duct Joints and Seams	Ū					-	
TBD	[*This credit is a requirement associated with J4: EPA IAP]	0		1				
TDD	c. Pressure Relieve the Ductwork System	0		4				
IBD	[*This credit is a requirement associated with J4: EPA IAP]	0		1				
TRD	6. Install High Efficiency HVAC Filter (MERV 6+)	0			1			
TBD	[*This credit is a requirement associated with J4: EPA IAP]	0						
	7. No Fireplace OR Install Sealed Gas Fireplace(s) with Efficiency							
TBD	Rating >60% using CSA Standards	0			1			
	[*This credit is a requirement associated with J4: EPA IAP]							
TBD	8. Install ENERGY STAR Bathroom Fans on Timer or Humidistat (CALGreen code if	0			1			
	applicable) A lastall Mashania d Mastilation Ocatam for Ocations (Mass 4 Dainte)							
TPD	9. Install Mechanical Ventiliation System for Cooling (Max. 4 Points)	0		1				
IBD	a. Install ENERGY STAR Celling Fails & Light Ris III Living Aleas & All Deutoons	0		1				
TBD	annlicable)	0		1				
TBD	c. Automatically Controlled Integrated System with Variable Speed Control	0		3				
	10. Advanced Mechanical Ventilation for IAQ	-		Ū				
TBD	 a. Required: Compliance with ASHRAE 62.2 Mechanical Ventilation Standards (as adopted in Title 24 Part 6) [*This credit is a requirement associated with J4: EPA IAP] 	N			R			
TBD	 b. Advanced Ventilation Practices (Continuous Operation, Sone Limit, Minimum Efficiency, Minimum Ventilation Rate, Homeowner Instructions) 	0			1			
TBD	c. Outdoor Air Ducted to Bedroom and Living Areas of Home	0			2			
	11. Install Carbon Monoxide Alarm(s) (or No Combustion Appliances in Living							
TBD	Space and No Attached Garage)	0			1			
	[*This credit is a requirement associated with J4: EPA IAP]							
	Total Points Available in Heating, Ventilation and Air Conditioning = 27	0		_				
I. RENEWA	ABLE ENERGY	0		Poss	sidie f	oints	_	
IBD	1. Pre-Plumb for Solar Water Heating	0				1		
TBD	200 ft ² of South-Facing Roof	0				1		
0.0%	3. Offset Energy Consumption with Onsite Renewable Generation (Solar PV, Solar Thermal, Wind)	0		25				
	Liner 70 ioial ellergy consumption onset, τ point per 470 Onset Total Available Points in Renewable Energy = 27	0						
		0		Poss	sible F	Points		
J. DOILDIN	1 Building Envelope Diagnostic Evaluations			1 038		onits		
TBD	a. Verify Quality of Insulation Installation & Thermal Bypass Checklist before Drywall [*This credit is a requirement associated with J4: EPA IAP]	0		1				
TBD	 b. House Passes Blower Door Test [*This credit is a requirement associated with J4: EPA IAP] 	0		1				

Enter	Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
TBD	c. Blower Door Results are Max 2.5 ACH ₅₀ for Unbalanced Systems (Supply or Exhaust) or Max 1.0 ACH ₅₀ for Balanced Systems (2 Total Points for J1b. and J1c.)	0		1				
TBD	d. House Passes Combustion Safety Backdraft Test	0			1			
0%	2. Required: Building Performance Exceeds Title 24 (Minimum 15%) (Enter the Percent Better Than Title 24, Points for Every 1% Better Than Title 24)	0		≥30				
TBD	3. Design and Build Near Zero Energy Homes (Enter number of points, minimum of 2 and maximum of 6 points)	0		6				
TBD	4. Obtain EPA Indoor airPlus Certification (Total 42 points, not including Title 24 performance; read comment)	0			2			
TBD	5. Title 24 Prepared and Signed by a CABEC Certified Energy Plans Examiner (CEPE)	0		1				
	6. Participation in Utility Program with Third Party Plan Review							
TBD	a. Energy Efficiency Program [*This credit is a requirement associated with J4: 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 = 45+	0						
K. FINISHE	S			Poss	sible P	oints		
IBD	1. Design Entryways to Reduce Tracked-In Contaminants	0			1			
TBD	 2. Use Low-VOC or Zero-VOC Paint (Maximum 3 Points) a. Low-VOC Interior Wall/Ceiling Paints (CALGreen code if applicable) (<50 Grams Per Liter (gpl) VOCs Regardless of Sheen) [*This credit is a requirement associated with J4: EPA IAP] 	0			1			
TBD	 b. Zero-VOC: Interior Wall/Ceiling Paints (<5 gpl VOCs Regardless of Sheen) 	0			2			
TBD	3. Use Low-VOC Coatings that Meet SCAQMD Rule 1113 (CALGreen code if applicable) [*This credit is a requirement associated with J4: EPA IAP]	0			2			
TBD	4. Use Low-VOC Caulks, Construction Adhesives and Sealants that Meet SCAQMD Rule 1168 (CALGreen code if applicable)	0			2			
TBD	5. Use Recycled-Content Paint	0				1		
	 6. Use Environmentally Preferable Materials for Interior Finish A) FSC-Certified Wood, B) Reclaimed, C) Rapidly Renewable, D) Recycled-Content or E) Finger-Jointed F) Local 							
TBD	a. Cabinets (50% Minimum)	0				3		
TBD	b. Interior Trim (50% Minimum)	0				2		
TBD	c. Shelving (50% Minimum)	0				2		
TBD	d. Doors (50% Minimum)	0				2		
TBD	e. Countertops (50% Minimum)	0				2		
TBD	7. Reduce Formaldehyde in Interior Finish – Meet Current CARB Airborne Toxic Control Measure (ATCM) for Composite Wood Formaldehyde Limits by Mandatory Compliance Dates (CALGreen code if applicable) [*This credit is a requirement associated with J4: EPA IAP]	N			0			

Ente	r Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
	8. Reduce Formaldehyde in Interior Finish - Exceed Current CARB ATCM for Composite Wood Formaldehyde Limits Prior to Mandatory Compliance Dates							
TBD	a. Doors (90% Minimum)	0			1			
TBD	b. Cabinets & Countertops (90% Minimum)	0			2			
TBD	c. Interior Trim and Shelving (90% Minimum)	0			1			
TBD	 After Installation of Finishes, Test of Indoor Air Shows Formaldehyde Level <27ppb 	0			3			
	Total Available Points in Finishes = 27	0						
L. FLOOR	NG			Poss	sible P	oints		
TBD	 1. Use Environmentally Preferable Flooring (Minimum 15% Floor Area) A) FSC-Certified Wood, B) Reclaimed or Refinished, C) Rapidly Renewable, D) Recycled-Content, E) Exposed Concrete, F) Local. Flooring Adhesives Must Meet SCAQMD Rule 1168 for VOCs. 	0				4		
TBD	2. Thermal Mass Floors (Minimum 50%)	0		1				
TBD	3. Low Emitting Flooring (Section 01350, CRI Green Label Plus, Floorscore [*This credit is a requirement associated with J4: EPA IAP]	0			3			
TBD	4. All carpet and 50% of Resilient Flooring is low emitting. (CALGreen code if applicable)	N						
	Total Available Points in Flooring = 8	0						
M. APPLIA	NCES AND LIGHTING			Pose	sible P	oints		
TBD	1. Install ENERGY STAR Dishwasher (Must Meet Current Specifications)	0		1			1	
	2. Install ENERGY STAR Clothes Washer							
TBD	a. Meets ENERGY STAR and CEE Tier 2 Requirements (Modified Energy Factor 2.0, Water Factor 6.0 or less)	0		1			2	
TBD	b. Meets ENERGY STAR and CEE Tier 3 Requirements (Modified Energy Factor 2.2, Water Factor 4.5 or less)	0					2	
TOD	3. Install ENERGY STAR Refrigerator			4				
IBD	a. ENERGY STAR Qualified & < 25 Cubic Feet Capacity	0		1				
IRD	D. ENERGY STAR Qualified & < 20 Cubic Feet Capacity	0		1				
TDD	4. Instan Built-In Recycling Center or Compositing Center	0				4		
TBD	a. Built-In Recycling Center	0				1		
ТВО	D. Built-III Composing Center	0						
TPD	5. Install High-Efficacy Lighting	0		1				
ТВО	a. Install Figh-Enicacy Lighting	0		1				
TBD	b. Install a Lighting System to IESNA Footcandle Standards or Hire Lighting Consultant	0		1				
	I otal Available Points in Appliances and Lighting = 13	0		_		• •		
N. OTHER				Pos	sible P	oints		
TBD	1. <i>Required:</i> Incorporate GreenPoint Rated Checklist in Blueprints	Ν				R		
	[*This credit is a requirement associated with J4: EPA IAP]							
TBD	2. Pre-Construction Kick-Off Meeting with Rater and Subs	0	1					
	17 Homonuudor's Managoment Statt are Cortified Green Building							

Enter Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
4. Develop Homeowner Education							
TBD a. Develop Homeowner Manual of Green Features/Benefits (CALGreen code if applicable) [*This credit is a requirement associated with J4: EPA IAP]	0		1			1	
TBD b. Conduct Educational Walkthroughs (Prerequisite is N4a) [*This credit is a requirement associated with J4: EPA IAP]	0			1			
TBD 5. Install a Home System Monitor OR Participate in a Time-of-Use Pricing Program	0		1				
Total Available Points in Other = 6	0						
O. COMMUNITY DESIGN & PLANNING			Poss	sible P	oints		
1. Develop Infill Sites							
TBD a. Project is an Urban Infill Development	0	1			1		
TBD b. Home(s)/Development is Located within 1/2 Mile of a Major Transit Stop	0	2					
TBD 2. Build on Designated Brownfield Site	0	3					
3. Cluster Homes & Keep Size in Check							
TBD a. Cluster Homes for Land Preservation	0	1			1		
TBD b. Conserve Resources by Increasing Density (10 Units per Acre or Greater)	0	2			2		
c. Home Size Efficiency	0				9		
i. Enter Average Unit Square Footage							
ii. Enter Average Number of Bedrooms/Unit							
4. Design for Walking & Bicycling							
a. Site Has Pedestrian Access Within 1/2 Mile of Community Services:							
TIER 1: Enter Number of Services Within 1/2 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							
TIER 2: Enter Number of Services Within 1/2 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 10) Hair Care							
11) Commercial Office or Major Employer 12) Full Scale Supermarket							
1. 5 Services Listed Above (Tier 2 Services Count as 1/2 Service Value)	0	1					
ii. 10 Services Listed Above (Tier 2 Services Count as 1/2 Service Value)	0	1					
TBD b. Development is Connected with A Dedicated Pedestrian Pathway to Places of Recreational Interest Within 1/4 mile	0	1					
c. Install Traffic Calming Strategies (Minimum of Two):							
- Designated Biovele Lanes are Present on Roadways:							
TBD - Ten-Foot Vehicle Travel anes:	0	2					
- Street Crossings Closest to Site are Located Less Than 300 Feet Apart:	Ū	-					
- Streets Have Rumble Strips, Bulbouts, Raised Crosswalks or Refuge Islands							
		<u> </u>					
5. Design for Safety & Social Gathering		4					
IBD a. All Home Front Entrances Have Views from the Inside to Outside Callers	0	1					
TBD b. All Home Front Entrances Can be Seen from the Street and/or from Other Front	0	1					
Doors							

Enter Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
TBD c. Orient Porches (min. 100sf) to Streets and Public Spaces	0	1					
TBD d. Development Includes a Social Gathering Space	0	1					
6. Design for Diverse Households (6a. is a Prerequisite for 6b. and 6c.)						-	
TBD a. All Homes Have At Least One Zero-Step Entrance	0	1					
b. All Main Floor Interior Doors & Passageways Have a Minimum 32-Inch Clear	•						
TBD Passage Space	0	1					
TBD c. Locate Half-Bath on the Ground Floor	0	1					
TBD d. Provide Full-Function Independent Rental Unit	0	1					
Total Achievable Points in Community Design & Planning = 35	0	<u> </u>					
P. INNOVATION			Poss	sible P	oints		
A. Site							
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					
TBD b. Install Bio-Retention and Filtration Features	0	2					
TBD c. Route Downspout Through Permeable Landscape	0	1					
TBD d. Use Non-Leaching Roofing Materials	0	1					
TBD e. Include Smart Street/Driveway Design	0	1					
TBD 2. Stormwater Control: Performance Path (Mutually Exclusive with PA1): Perform Soil Percolation Test and Capture and Treat 85% of Total Annual Runoff	0	3					
C. Landscape							
TBD 1. Meet Local Landscape Program Requirement	0					2	
D. Structural Frame & Building Envelope		1					
1. Design, Build and Maintain Structural Pest and Rot Controls							
TBD a. Locate All Wood (Siding, Trim, Structure) At Least 12" Above Soil	0				1		
TBD b. All Wood Framing 3 Feet from the Foundation is Treated with Borates (or Use Factory-Impregnated Materials) OR Walls are Not Made of Wood	0				1		
TBD 2. Use Moisture Resistant Materials in Wet Areas: Kitchen, Bathrooms, Utility Rooms, and Basements [*This credit is a requirement associated with J4: EPA IAP]	0			1	1		
E. Exterior						-	
TBD 1. Vegetated Roof (Minimum 25%)	0	2	2				
G. Plumbing				·			
TBD 1. Greywater Pre-Plumbing (Includes Washing Machine at Minimum)	0					1	
TBD 2. Greywater System Operational (Includes Washing Machine at Minimum)	0					2	
TBD 3. Innovative Wastewater Technology (Constructed Wetland, Sand Filter, Aerobic System)	0					1	
TBD 4. Composting or Waterless Toilet	0	<u> </u>				2	
TBD 5. Install Drain Water Heat-Recovery System	0	<u> </u>	1				
TBD 6. Install a Hot Water Desuperheater	0		2				
H. Heating, Ventilation, and Air Conditioning							
TBD 1. Humidity Control Systems (Only in California Humid/Marine Climate Zones 1,3,5,6,7) [*This credit is a requirement associated with J4: EPA IAP]	0			1			
TBD 2. Design HVAC System to Manual T for Register Design	0		1				
K. Finishes							

Enter Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
TBD 1. Materials Meet SMaRT Criteria (Select the number of points, up to 5 points)	0				5		
N. Other							
TBD 1. Detailed Durability Plan and Third-Party Verification of Plan Implementation	0				2		
2. Educational Signage of Project's Green Features	-						
TBD a. Promotion of Green Building Practices	0	1					
	0	1					
3. Innovation: List innovative measures that meet green building objectives. Enter in the							
number of points in each category for a maximum of 4 points for the measure in the							
blue cells. 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 at right. Enter description here	0						
TBD Innovation: Enter up to 4 Points at right. Enter description here	0						
TBD Innovation: Enter up to 4 Points at right. Enter description here	0						
TBD Innovation: Enter up to 4 Points at right. Enter description here	0						
TBD Innovation: Enter up to 4 Points at right. Enter description here	0						
	0		Doc	ciblo D	ointe		
U. CALIFORNIA CALGreen CODE			F05		UIIIIS		
No GreenPoint Rated checklist.	N	R					
The following measures are mandatory in the CALGreen code and do not earn points in the GreenPoint Rated Checklist, but have been included in the Checklist for the convenience of jurisdictions.							
The GreenPoint Rater is not a code enforcement official. The measures in this section may be verified by the GreenPoint Rater at their own discretion and/or discretion of the building official.							
TBD 1. CALGreen 4.106.2 Storm water management during construction.	N						
IBD 2. CALGreen 4.106.3 Design for surface water drainage away from buildings.	N						
TBD 3. CALGreen 4.303.1 As an alternative to perscriptive compliance, a 20% reduction in baseline water use shall be demonstrated through calculation	N						
4. CALGreen 4.406.1 Joints and openings. Annular spaces around pipes, electric cables, conduits, or other openings in plates at exterior walls shall be protected	N						
5. CALGreen4.503.1 Gas fireplace shall be a direct-vent sealed-combustion type. Woodstove or pellet stove shall comply with US EPA Phase II emission limits	N						
TBD foundations	N						
TBD 7. CALGreen 4.505.3 19% moisture content of building framing materials	N						
8. CALGreen 702.1 HVAC system installers are trained and certified in the proper installation of	N						
HVAC systems.	N						
Summary	0		_	_			
		05	00.	4.4	440	50	
I otal Available Points in Specific Categories		35	96+	44	110	56	
Minimum Points Required in Specific Categories	50	0	30	5	6	9	

Enter Project Name	Points Achieved	Achieved Community	Energy	IAQ/Health	Resources	Water	Notes
Т	otal Points Achieved 0) 0	0	0	0	0	

Project has not yet met the following recommended minimum requirements:

- Total Project Score of At Least 50 Points
- Required measures:
 - -A3a: 50% waste diversion by weight
 - -H10a: Compliance with ASHRAE 62.2 Mechanical Ventilation Standards
 - -J2: 15% above Title 24
 - -N1: Incorporate GreenPoint Rated Checklist into blueprints
- Minimum points in specific categories:
 - -Energy (30 points)
 - -IAQ/Health (5 points)
 - -Resources (6 points)
 - -Water (9 points)

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.

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.

Enter	Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Responsible Party	Notes
AA. COMM	UNITY DESIGN AND PLANNING			Poss	ible Po	oints			
	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								
TBD	a. Provide Dedicated, Covered & Secure Bicycle Storage for 15% of Residents	0	1						
TBD	b. Provide Secure Bicycle Storage for 5% of Non-Residential Tenants and Visitors	0	1						
	3. Alternative Transportation								
	a. Site has Pedestrian Access Within 1/2 Mile of Community Services:								
	TIER 1: Enter number of services within 1/2 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								
	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								
ĺ	7) Post Office 8) Senior Care Facility 9) Medical/Dental								



Enter Label: Whole Building

Total Targeted Points: 0

20

1

Enter Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Responsible Party	Notes
10) Hair Care 11) Other Commercial 12) Full Scale Supermarket Office								
i. 5 Services Listed Above (Tier 2 Services Count as 1/2 Service Value)	0	1						
ii.10 Services Listed Above (Tier 2 Services Count as 1/2 Service Value)	0	1						

Enter	Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Responsible Party	Notes
TBD	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	0	1						
	c. Reduced Parking Capacity								
TBD	i. Less than 1.5 Parking Spaces Per Unit	0	1						
TBD	ii. Less than 1.0 Parking Spaces Per Unit	0	1						
	4. Outdoor Gathering Places								
TBD	 a. Private or Semi-Public Outdoor Gathering Places for Residents (Minimum of 50 sf Per Unit) (mutually exclusive with AA4b) 	0	1						
TBD	 b. Outdoor Gathering Place of Compact Site Provides Natural Elements (mutually exclusive with AA4a) (Projects Must Be a Minimum of 50 dwelling units/acre) 	0	1						
TBD	 c. Outdoor Gathering Places are Contiguous to & Have Direct Access to At Least Two Tier 1 Community Services (See AA3a) 	0	1						
	5. Design for Safety and Vandalism Deterrence								
TBD	a. Residence Entries Have Views to Callers (Windows or Double Peep Holes) & Can Be Seen By Neighbors	0	1						
TBD	b. All Main Entrances to the Building and Site are Prominent and Visible from the Street	0	1						
	6. Include Universal Design Principles in Units			· · · ·	, in the second se				
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	0	4						
	i. 10% OFAIL OTHIS	0	1						
TBD	ii. 50% or More	0	1						
TBD	 b. Development Includes Multiple Bedroom Units At or Less Than 80% AMI (Minimum of Two 3-Bedroom Units) 	0	1						
TBD	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	0.0		· · · ·	, in the second se				
A. SITE				Possil	ble Po	oints			
TBD	1. Protect Topsoil and Minimize Disruption of Existing Plants & Trees	0	1			1			
	2. Divert Construction and Demolition Waste								
TBD	a. Divert All Cardboard, Concrete, Asphalt, & Metals (Whole Building & Elements)	N				R			
TBD	b. Divert 25% or Remaining Construction & Demolition Waste (Excluding all Materials Diverted in A2a)	0				2			
TBD	3. Construction Environmental Quality Management Plan is Conducted (EPA IAP)	0			2				
TBD	4. Use Minimum 25% Recycled Content Aggregate	0				1			
TBD	5. Cool Site: Reduce Heat Island Effect on Site	0	1						
	Total Available Points in Site: 8	0.0							

Enter	Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Responsible Party	Notes
B. LANDSO	CAPE			Poss	ible P	oints			
0.0%	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.								
TBD	1. Group Plants by Water Needs (Hydrozoning)	0					2		
TBD	2. Mulch All Planting Beds a Minimum of 3 Inches	0					2		
	3. Construct Resource-Efficient Landscapes								
TBD	a. No Invasive Species Listed by Cal-IPC Are Planted	0				1			
TBD	b. No Plant Species will Require Shearing	0				1			
TBD	c. 75% of Plants are Drought-tolerant, California Natives, Mediterranean or Other Appropriate Species	0					3		
	4. Minimize Turf in Landscape								
TBD	 a. Turf Shall Not Be Installed on Slopes Exceeding 10% and No Overhead Sprinklers Installed in Areas Less than 8 Feet Wide 	0					2		
TBD	b. Turf Is ≤ 25% of Landscaped Area	0					2		
	5. Install High-Efficiency Irrigation Systems								
TBD	a. System Uses Only Low-Flow Drip, Bubblers or Sprinklers	0					2		
TBD	b. System Has Smart (Weather-based) Controllers	0					3		
TBD	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		
TBD	8. Incorporate Community Garden	0	1						
	9. Source Water Efficiency								
TBD	a. Use Recycled Water for Indoor and/or Outdoor Water Use	0					2		
TBD	b. Use Rainwater for Indoor and/or Outdoor Water Use	0					4		
	10. Outdoor Play Structures and Outdoor Furniture								
TBD	a. Play Structures & Surfaces Have an Average Recycled Content ≥20%	0				1			
TBD	b. Environmentally Preferable Exterior Site Furnishings	0				1			
TBD	11. Reduce Light Pollution by Shielding Fixtures and Directing Light Downward	0	1						
TBD	12. High Efficacy Site Lighting	0		1					
TBD	13. Energy Efficient Water Heaters/Pumps for Pools and Fountains	0		1					
	I otal Available Points in Landscape: 35	0.0		Deel	ible D	ointe			
C. DESIGN	L Evision Ruilding Commissioning			POSS	ible P	OINTS			
TRD	I. Existing Dunumy Commissioning	0		1					
	a. Equipment review and vernication	0		2					
	c. Remediation Plan. System Manual, and Operator Training	0		∠ 1					
TRD	2 Conduct Green Physical Needs/Property Conditions Assessment	0		0.5	0.5		0.5		
	Total Available Points in Design Considerations: 5.5	0.0		0.0	0.0		0.0		

		Points Achieved	Community	Energy	D IAQ/Health	Resources	Water	Responsible Party	Notes
TRD	1 Building Envelope Survey and Correction (Whole Building)	N		P 000		ointo			
TBD	2 Foundation Survey and Correction (Whole Building)	N		P					
	3. Replace Portland Cement in Concrete with Minimum 20% Recycled Flyash and/or Slag	N		ĸ					
TBD	a Minimum 20% Elvash and/or Slag Content	0				1			
TBD	h Minimum 30% Elvash and/or Slag Content	0				2			
TBD	2. Design Build and Maintain Structural Pest and Rot Controls (Low-Rise Only)	0			1	1			
100	5 Ontimal Value Engineering					1			
TBD	a Studies at 24 Inch on Center at Interior Non-Bearing Walls and Ton Floor	0				1			
TBD	b. Door & Window Headers Sized for Load	0				1			
TDD	6. Les Engineered Lumber	0				I			
TPD		0				1			
TBD	a. Englice de la salut readers	0				1			
TBD	a Oriented Strand Reard for Subface	0				1			
TBD	c. Oriented Straid Board for Subilooi	0				1			
TBD	Oriented Strand Board for Wall and Root Sneathing	0		4		.1			
IBD	/. 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. EXTER	OR			Poss	ible P	oints			
	1. Durable Cladding System								
TBD	a. Install a Rain Screen Wall System	0				2			
TBD	b. Use Durable and Non-Combustible Cladding Materials	0				1			
TBD	2. Use Durable and Fire Resistant Roofing Materials/Assembly	0				1			
TBD	3. Vegetated Roof (2 points for 25% of Roof, 4 points for 50% of Roof)	0	4						
	Total Available Points in Exterior: 8	0.0							
F. INSULA	TION			Poss	ible P	oints			
	1. Install Insulation with 75% Recycled Content								
TBD	a. Walls	0				1			
TBD	b. Ceilings	0				1			
TBD	c. Floors	0				1			
	Total Available Points in Insulation: 3	0.0							
G. PLUMB	ING			Poss	ible P	oints			
TBD	1. Plumbing Survey and Correction (Whole Building & Elements)	N					R		
	2. Water Efficient Fixtures							1	
TBD	a. All Fixtures Meet Federal Energy Policy Act of 1992 (Whole Building)	N					R		
TBD	b. Install High Efficiency Toilets (Dual Flush or ≤ 1.28 Gallons Per Flush (gpf))	0					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	1	
		-					•	1	

Enter	Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Responsible Party	Notes
TBD	d. High Efficiency Showerheads Use ≤ 2.0 Gallons Per Minute (gpm) at 80 psi	0					3		
	e. Flow Limiters Or Flow Control Valves Are Installed on All Faucets								
TBD	i. Bath Faucets ≤ 1.5 gpm at 60psi	0					1		
TBD	ii. Kitchen Faucets ≤ 2.0 gpm	0					1		
TBD	3. Insulate All Hot Water Pipes (EPA IAP)	0		1			1		
	4. Central Domestic Hot Water Survey and Tune-Up								
TBD	a. CDHW System Survey and Maintenance Manual	0					1		
TBD	b. CDHW System Upgrades (G4a. Is Prerequisite for Credit)	0					2		
TBD	6. Water Submetering: Bill Tenants for Actual Usage	0					4		
	Total Available Points in Plumbing: 18	0.0							
H. HEATIN	G VENTILATION AND AIR CONDITIONING			Poss	ible Po	oints			
TBD	1. HVAC Survey (Whole Building & Elements)	Ν			R				
TBD	2. Combustion Safety Backdraft Test (Whole Building & Elements)	Ν			R				
TBD	3. Carbon Monoxide Testing and Correction (Whole Building)	Ν			R	ĺ			
TBD	4. Install High Performing Zoned Radiant Hydronic Heating	0			2	ĺ			
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				
TBD	d. ENERGY STAR Bathroom Fans on Timer or Humidistat	0			1				
TBD	e. Kitchen Range Hood Exhaust System Vented to Outside	0			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				
TBD	9. Garage Ventilation Fans Are Controlled by Carbon Monoxide Sensors (EPA IAP) (Passive Ventilation Not Elinible)	0			1				
TBD	(Listerio Contractor Listerio)	0			1				
	Total Available Points in Heating Ventilation and Air Conditioning 18	0.0			·				
	BI F FNFRGY			Poss	ible Po	oints			
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					
TBD	b. 90% of Common Area Load	0	2	2					
TBD	c. 10% or More of Residential Units Load	0	2	2					
	Total Available Points in Renewable Energy: 16	0.0							

Enter Project Name	pe	unity		alth	seo.		sible	
	ieve	u u u	ergy	/He	iour	ter	y pon	
	Ach	Š	Ene	Ν	Res	Wat	Ses	Notes
J. BUILDING PERFORMANCE			Possi	ble P	oints			
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					
f. High Efficiency Space Heating								
TBD (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 i. 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 Radiant Barrier in Attic	0		0.5					
TBD m 14 SEER 115 FER Air Conditioning Unit in Common Areas (All Climate Zones)	0		0.5					
TBD n 14 SEER 115 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 on Temperature Modulation Control on Boiler	0		0.5					
0 3 Meet Energy Budget for Building Based on Year (Whole Building)	00		30					
TED 4 Comprehensive Hitility Bill Analysis	0.0		1					
TED 5. Title 24 Propaged and Signed by a CAREC Contified Energy Plans Examiner (CERE)	0		1					
6 Participation in Utility Program with Third Party Dian Poview	0							
	0		4					
TED b. Renework Decrement with Min 2007 Detter Then Title 24 (Lick Decferming Heme)	0		4					
150 D. Reflewable Energy Program with with 30% better than the 4 weighte Doming nome)	0							
	0.0		Doooi	hlo D	ointo			
K. FINISHES			POSSI	Die P	oms			
I. Eliuyways	0			4				
A Design Entry ways to Reduce Hacked-In containing in on in onne Entrances	0			1				
TBD b. Permanent waik-Oil Systems Are Provided at All Main Building Entrances & In Common Areas	0			1				
TBD 2. Use Recycled Content Paint on All Exteriors	0				1			
3. Low/No-VOC Paints & Coatings (EPA IAP)					_	_		
TBD a. Low-VOC Interior Wall/Ceiling Paints (<50 grams per liter (gpl))	0			1				
TBD b. Zero-VOC: Interior Wall/Ceiling Paints (<5 gpl)	0			1				
TBD c. Use Low-VOC Coatings That Meet SCAQMD Rule 1113	0			2				
TBD 4. Use Low VOC Caulks, Construction Adhesives & Sealants that Meet SCAQMD Rule 1168	0			1				

Enter	Project Name	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			
TBD	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)	N			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			
TBD	8. Durable Cabinets	0				1			
TBD	9. At Least 25% of All Newly Supplied Interior Furniture has Environmentally Preferable Attributes	0				1			
	Total Available Points in Finishes: 19	0.0							
L. FLOORI	NG			Possi	ble P	oints			
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. <i>Flooring Adhesives Must</i> Meet SCAQMD Rule 1168 for VOCs 	0				4			
TBD	2. Low-Emitting Flooring (EPA IAP) Section 01350, CRI Green Label, Floorscore, etc.	0			2				
	Total Available Points in Flooring: 6	0.0							
M. APPLIA	NCES & LIGHTING			Possi	ble Po	oints			
TBD	1. Electrical Survey (Whole Building)	N			R	-			
TBD	2. Verification of Entire Electrical System	0				2			
700	3. ENERGY STAR Appliances						4		
IBD	a. Install ENERGY STAR Dishwasher (Must Meet Current Specifications)	0		1			1		
	D. Install ENERGY STAR Clothes Washer								
TBD	(Modified Energy Factor ≥2.0; Water Factor ≤6.0) (Total 3 Points)	0		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								
TBD	i. ENERGY STAR-Qualified & < 25 Cubic Feet Capacity	0		1					
TBD	ii. ENERGY STAR-Qualified & < 20 Cubic Feet Capacity	0		1					
TBD	4. Common Laundry Facilities Are Provided for All Occupants	0				1			
TBD	5. Provide Built-In Recycling Center In Each Residential Unit	0				1			
TBD	6. Low-Mercury Lamps (Linear and Compact Fluorescent)	0				1			

Ente	r Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Responsible Party	Notes
TBD	7. Install High-Emcacy Interior Lighting	0		1					
IBD	o. Install Lighting Controls (Timers, Dimmers, Occupantcy Sensors)	0		I					
		0.0		Docc	iblo D	ointe			
	1 Incornerate GreenPoint Pated Checklist in Bluenrints (Whole Building & Elements) (EBA IAP)	N	D	F 033		UIIIIS			
IDU	2 Operations & Maintenance Manuals and Training (EPA IAP)	IN	ĸ						
TBD	a Provide O&M Manual and Orientation to Building Maintenance Staff (Whole Building)	N		R					
TBD	b Train and Certify Upper Management & Maintenance Staff	0		N	1		1		
TBD	c. Pran dio Contry Opper Manuagend Criantation to Occupants	0		1	1		1		
TBD	3 Residents Are Offered Free or Discounted Transit Passes	0	2	1			I		
TBD	A Educational Signame of Project's Groom Features	0	1						
TBD	5 Pre-Construction Kick-Off Meeting with Rater Contractor and Subs	0	1						
TBD	6 Incornorate Unit "Green-In" Policy	0			1				
TOD	7 Hazardous Materials Testing	0							
TBD	a Lead Testing and Remediation	0			1				
TBD	a. Load resulting and Remediation	0			1				
	Total Available Points in Other: 11	00			1				
O (Not Us		0.0							
0. (101 0.									
P. INNOV	ATIONS			Poss	ible P	oints			
	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						
TBD	h Install Bio, Retention and Filtration Features	0	2						
TBD	c. Route Downsonut Through Permeable Landscape	0	1						
TBD	d Lise Non-Leaching Roofing Materials	0	1						
TOD	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						
100	D. Foundation. Structural Frame and Building Envelope	Ŭ	0						
TBD	1. Use Radon Resistant Construction (EPA IAP)	0			2				
TBD	2. Install a Foundation Drainage System (EPA IAP)	0				2			
TBD	3. Moisture Controlled Crawlspace (EPA IAP)	0			2	_			
	E. Exterior		· · · ·						
TBD	1. Flashing Installation Techniques Specified and Third-Party Verified (EPA IAP)	0				1			
	H. Heating Ventilation and Air Conditioning								
TBD	1. Pressure Relieve the Ductwork System (Mutually exclusive with H3) (EPA IAP)	0		1					
TBD	2. Install High Efficiency HVAC Filter (MERV 6+, Mutually exclusive with H3) (EPA IAP)	0		1					
TBD	3. Design & Install HVAC System to ACCA Manual J, D, and S (EPA IAP)	0		4					
	J. Building Performance								
TOD	1. Obtain EPA Indoor airPlus Certification	0							
IBD	(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					

Enter Project Name
Ellifer bloffict value Resour lesson Raspon Park
K. Finishes
TBD 1. Use Moisture Resistant Material in Wet Areas (EPA IAP) (Kitchens, Bathrooms, Utility Rooms & Basements) 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Total Available Points in Innovation: 19+ 0.0
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 2
Total Points Achieved 0 0 0 0 0 0
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

- -Energy (20 points) -IAQ/Health (5 points) -Resources (6 points) -Water (3 points)

GreenPoint Rated Checklist: Multifamily

The GreenPoint Rated checklist tracks green features incorporated into the home. <u>A home is only GreenPoint</u> <u>Rated if all features are verified by a Certified GreenPoint Rater through Build It Green</u>. 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.

The minimum requirements for a GreenPoint Rated home are: Earn a total of 50 points or more; obtain the following minimum points per category: Community (6), Energy (30), Indoor Air Quality/Health (5), Resources (6), and Water (3); and meet the prerequisites A2a, E2a, H4a. (for 2008 permitted projects), J1a, N1. and Q0.

This checklist accommodates the verification of mandatory CALGreen measures but does not signify compliance unless accepted by jurisdictional authority. All CALGreen measures within the checklist must be selected as "Yes" or "n/a" for compliance with GreenPoint Rated. Build It Green is not a code enforcement agency.

The green building practices listed below are described in the GreenPoint Rated Multifamily Rating Manual. For more information please visit **www.builditgreen.org/greenpointrated**.

Multifamily New Home 2.2 / 2008 Title 24



Total Targeted Points: 0

6

ŝ

0

0 3

5

÷

0

30

REQUIRED: ENTER FLOOR AREAS AND LANDSCAPED AR	EA BEFORE	BEGINNING CHECKLIST			
Enter Total Conditioned Floor Area of the Project:	100				
Enter Total Non-Residential Floor Area of Project:	0			6	
Percent of Project Dedicated to Residential Use	100%			0	0
Percentage of Site Dedicated to Landscaping	0%				
Enter Project Name			Points Achieved	Community	Enerav
AA. COMMUNITY DESIGN AND PLANNING					Pos
1. Develop Infill Sites					

Enter	Project Name	Poin Achie	ummu	lergy	Q/Heal	source	ater	
			ပိ	ш	Ā	Å	ŝ	Notes
AA. COMM	UNITY DESIGN AND PLANNING			Poss	ible Po	oints		
	1. Develop Infill Sites							
TBD	a. Project is an Urban Infill Development	0	1					
	 b. Conserve Resources by Increasing Density -15 Units Per Acre or Greater (1 Point for every additional 5 dwelling units/acre) Enter Project Density Number (In du/acre) 	0	10					
TBD	c. Project Includes the Redevelopment of At Least One Existing Building	0				1		
TBD	d. Build on Designated Brownfield Site or City-Designated Redevelopment Area	0	1					
	2. Design for Walking & Bicycling							
TBD	a. Sidewalks Are Buffered from Roadways & Are 5 Feet Wide (8 Feet in Retail Areas)	0	1					
TBD	b. Install Traffic Calming Strategies	0	1					
TBD	c. Provide Dedicated, Covered & Secure Bicycle Storage for 15% of Residents	0	1					
TBD	d. Provide Secure Bicycle Storage for 5% of Non-Residential Tenant Employees & Visitors	0	1					
	3. Alternative Transportation							
	a. Site has Pedestrian Access Within 1/2 Mile of Community Services:							
	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							
C	TIER 2: Enter number of services within ½ Mile: Deuild It Green Multifamily Checklist v	version	2.2/1.9)			[

Enter	Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
	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 or 12) Full Scale Supermarket Major Employer							
	i. 5 Services Listed Above (Tier 2 Services Count as 1/2 Service Value)	0	1					
	ii.10 Services Listed Above (Tier 2 Services Count as 1/2 Service Value)	0	1					
	b. Proximity to Public Transit: Development is Located Within							
IBD	i. 1/4 Mile of One Planned of Current Bus Line Stop	0	1					
TBD	II. 1/2 Mile of a Major Transit Stop (Commuter Train/Light Rail Transit System OR Two	0	1					
	c Reduced Parking Capacity							
TBD	i Less than 1.5 Parking Snaces Per Unit	0	1					
TBD	ii Less than 1.0 Parking Spaces Per Unit	0	1					
100	4. Mixed-Use Developments				1			
	a. At least 2% of Development Floor Space Supports Mixed-Use (Non-Residential	_						
IBD	Tenants)	0	1					
TPD	b. Half of the Non-Residential Floor Space is Dedicated to Community Services	0	1					
IDD	(See AA3a)	0						
	5. Outdoor Gathering Places							
TBD	 a. Private or Semi-Public Outdoor Gathering Places for Residents (Minimum of 50 sf Per Unit) (mutually exclusive with AA5b) 	0	1					
TBD	 b. Outdoor Gathering Place of Compact Site Provides Natural Elements (mutually exclusive with AA5a) (Projects Must Be a Minimum of 50 du/acre) 	0	1					
TBD	 c. Public Outdoor Gathering Places have Direct Access to At Least Two Tier 1 Community Services (See AA3a) 	0	1					
	6. Design for Safety and Vandalism Deterrence							
TBD	 Residence Entries Have Views to Callers (Windows or Double Peep Holes) & Can Be Seen By Neighbors 	0	1					
TBD	b. All Main Entrances to the Building and Site are Prominent and Visible from the Street	0	1					
	7. Passive Solar Design							
TBD	a. Provide Appropriate Orientation for Maximum Energy Efficiency	0		2				
TBD	 b. Provide Appropriate Shading On All South-Facing Windows for Effective Passive Solar Control 	0		1				
TBD	c. Provide Thermal Mass	0		2				
	8. Adaptable Buildings	<u> </u>		-				
	a. Include Universal Design Principles in Units							
TBD	i. 50% of Units	0	1					
TBD	ii. 80% of Units	0	1					
TBD	b. Live/Work Units Include A Dedicated Commercial Entrance	0	1					
	9. Affordability) Build It Green Multifamily Checklist v	ersion	2.2/1.9					

Enter	Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
	a. Units are Dedicated to Households Making 80% or Less of AMI							
TBD	i. 10% of All Units	0	1					
TBD	ii. 25%	0	1					
TBD	iii. 50% or More	0	1					
	h Development Includes Multiple Redroom Units	•						
TBD	(Minimum of 2 3-Bdrm Units At or Less Than 80% AMI)	0	1					
TBD	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: 42	0						
A. SITE		-		Poss	ible Po	oints		
	1. Protect Topsoil and Minimize Disruption of Existing Plants & Trees							
TBD	a. Protect Topsoil and Reuse After Construction	0	1			1		
TBD	b. Limit and Delineate Construction Footprint for Maximum Protection	0				1		
	2. Divert/Recycle Job Site Construction Waste (Including Green Waste and Existing	•						
	Structures)							
700	a. Required: Divert 50% (by weight) of All Construction & Demolition Waste (Recycling					_		
IBD	or Reuse) (CALGreen code)	N				ĸ		
TBD	b. Divert 100% of Asphalt and Concrete and 65% (by weight) of Remaining Materials	0				2		
TBD	c. Divert 100% of Asphalt and Concrete and 80% (by weight) of Remaining Materials	0				2		
	3. Construction Environmental Quality Management Plan, Duct Sealing,							
	and Pre-Occupancy Flush-Out							
	[*This credit is a requirement associated with PJ1: EPA IAP]							
TBD	a. Duct openings and other related air distribution component openings shall be covered during construction. (CALGreen code if applicable)	0			1			
TBD	 b. Full environmental quality management plan and pre-occupancy flush out is conducted (Prerequisite is A5a) 	0			1			
TBD	4. Use Recycled Content Aggregate (Minimum 25%)	0				1		
TBD	5. Cool Site: Reduce Heat Island Effect on Site	0	1					
	Total Available Points in Site: 11	0						
B. LANDSC	APE			Poss	ible Po	oints		
No	1. Landscaping Is the landscape ≥ 10% of the site area? Sites with less than 10% of the total site area dedicated to landscaping can only earn up to 4 points for measure B1a through B1g. 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.							
TRD	a Group Plants by Water Needs (Hydrozoning)	0					2	
100	b Mulch All Planting Beds to the Greater of 3 Inches or Local Water Ordinance	U					~	
TBD	Requirement	0					2	
	c. Construct Resource-Efficient Landscapes							
TBD	i. No Invasive Species Listed by Cal-IPC Are Planted	0				1		
TBD	ii. No Plant Species will Require Shearing	0				1		
TBD	iii. 75% of Plants are Drought-tolerant, California Natives, Mediterranean or Other Appropriate Species	0					3	
	d. Minimize Turf in Landscape Installed by Builder					_		
C	Denversion Build It Green Multifamily Checklist v	ersion	2.2/1.9	9				

Entei	Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
TBD	i. Turf Shall Not Be Installed on Slopes Exceeding 10% and No Overhead Sprinklers	0					2	
	Installed in Areas Less than 8 Feet Wide							
TBD	II. Turt Is $\leq 25\%$ of Landscaped Area	0					2	
	e. Install High-Efficiency Irrigation Systems		ļ					
TBD	i. System Uses Only Low-Flow Drip, Bubblers or Sprinklers	0					2	
TBD	ii. System Has Smart (Weather-based) Controller (CALGreen code if applicable)	0					3	
TBD	f. Incorporate Two Inches of Compost in the Top 6 to 12 Inches of Soil	0					3	
	g. Design Landscape to Meet Water Budget							
TBD	 i. Install Irrigation System That Will Be Operated at <70% Reference ET (B1a. and B1b. are Prerequisites for Credit) 	0					1	
TBD	ii. Install Irrigation System That Will Be Operated at <50% Reference ET	0					1	
100	(B1a., B1b. and B1ei. or B1eii. are Prerequisites for Credit)						1	
TBD	h. Incorporate Community Garden	0	1					
	2. Source Water Efficiency							
TBD	a. Use Recycled Water for Indoor and/or Outdoor Water Use	0					2	
TBD	b. Use Rainwater for Indoor and/or Outdoor Water Use	0					4	
	3. Outdoor Play Structures and Outdoor Furniture							
TBD	a. Play Structures & Surfaces Have an Average Recycled Content ≥20%	0				1		
TBD	b. Environmentally Preferable Exterior Site Furnishings	0				1		
TBD	4. Reduce Light Pollution by Shielding Fixtures and Directing Light Downward	0	1					
	Total Available Points in Landscape: 33	0						
C. DESIGN	CONSIDERATIONS			Poss	ible Po	oints		
	1. Acoustics: Noise and Vibration Control							
	(minimum 2 points for credit, including 1 Tier 1 measure, maximum of 4 points)							
TBD	TIER 1: 1) Exterior Noise Reduction	0	1					
TBD	2) Loud Single-Event Noise Reduction in Noise-Sensitive Spaces	0	1					
TBD	 Airborne and Structure-borne Noise Reduction (e.g., walls, floor-ceilings) 	0	1					
TBD	4) Mechanical Ventilation Noise and Vibration Control	0	1					
TBD	5) Plumbing Noise and Vibration Reduction	0	1					
TBD	TIER 2: 1) Minimize Stair Impact Noise	0	0.5					
TBD	2) Minimize Floor Squeaks	0	0.5					
TBD	3) Minimize Trash Chute Noise	0	0.5					
TBD	4) Mixed-Use Noise and Vibration Reduction	0	0.5					
	2. Mixed-Use Design Strategies							
TBD	a. Develop Green Tenant Improvement Requirements for Build Outs	0	2					
TBD	b. Commercial Loading Area Separated from Residential area	0			1			
TBD	c. Separate Mechanical and Plumbing Systems	0			1			
	3. Commissioning							
TBD	 a. Design Phase (Define Owner's Project Requirements, Basis of Design, and Develop Plan) 	0		1	1			
TBD	b. Construction Phase (Perform Functional Testing)	0		2				
TBD	 c. Post-Construction Phase (Verify Compliance, Commissioning Report, Training and Warranty Review) 	0	1	1				
	Total Available Points in Design Considerations: 14	0	<u> </u>					
D. FOUND	A BON ISTRUCTURAL FRAME & BUILDING ENVELOPE Multifamily Checklist v	ersion	2.2/1.9	Poss	ible Po	oints		

Enter	Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
TBD	1. Replace Portland Cement in Concrete with Recycled Fly Ash and/or Slag (Minimum 20%)	0				3		
TBD	2. Design, Build and Maintain Structural Pest and Rot Controls (for low- rise projects)	0			1	1		
	3. Construction Material Efficiencies							
TBD	 Wall and Floor Assemblies (excluding solid wall assemblies) are Delivered Panelized from Supplier (Minimum of 80% square feet) 	0				1		
TBD	 b. Modular Components are Delivered Assembled to the Project (Minimum 25%) c. Optimal Value Engineering 	0				6		
TBD	i. Studs at 24 Inch on Center at Interior Non-Bearing Walls and Top Floor	0				1		
TBD	ii Door & Window Headers Sized for Load	0				1		
TBD	iii Use Only Cripple Studs Required for Load	0				1		
	4 Use Engineered Lumber	•	l					
TBD	a Engineered Beams and Headers	0				1		
TBD	h. Wood I- Joists or Web Trusses for Floors	0				1		
TBD	c. Engineered Lumber for Roof Rafters	0				1		
TBD	d. Engineered or Finger- Jointed Studs for Vertical Applications	0				1		
TBD	e. Oriented Strand Roard for Subfloor	0				1		
TBD	f. Oriented Strand Board for Wall and Roof Sheathing	0				1		
TBD	5 Insulated Headers	0		1		1		
TBD	6 Use ESC-Certified Wood	0		1				
TPD	a Dimonsional Lymbor Stude and Timbor (Minimum 40%)	0				4		
	a. Dimensional Lumber, Study and Timber (Minimum 40%)	0				4		
	5. Faner Froducts (Minimum 40%)	0		1		2		
IBD	7. Ellergy neels on Root Trusses for Low-Rise Projects	0		I				
	o. Use Solid Wall Systems (includes SirS, iCrS, & Ally Non-Slick Flame Assambly)							
TRD	a Floors	0				2		
	h Walls	0				2		
	c. Poofe	0				1		
TBD	Total Available Doints in Foundation, Structural Frame & Building Envelope: 34	0						
	Potal Available Folints in Foundation, Officeural France & Building Envelope. 94	•		Poss	ihle Pr	nints		
	1 Drainage Planes and Durable Siding			1 035				
TRD	a Install a Rain Screen Wall System	0				2		
TBD	h. Lise Durable and Non-Combustible Siding Materials	0				1		
100	2 Durable Roofing Ontions	0				I		
	a Required: All Roofing Has 3-Year Subcontractor Warranty and a 20-Year Manufacturer							
TBD	Warranty	Ν				R		
TBD	b. Use Durable and Fire Resistant Roofing Materials or Assembly	0				1		
TBD	3. Vegetated Roof (2 points for 25%, 4 points for 50%)	0	4					
	Total Available Points in Exterior: 8	0						
F. INSULAT	ION			Poss	ible Po	oints		
	1. Install Insulation with 75% Recycled Content							
TBD	a. Walls	0				1		
TBD @) Buildeilingsen Multifamily Checklist v	ersion	2 2/1	a		1		
	Tana a good wataniy oncontrol	0.0011		-				

Enter	Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
TBD	c. Floors	0				1		
	Total Available Points in Insulation: 3	0						
G. PLUMBI	VG			Pose	sible Po	oints		
	 Water Efficient Fixtures a. Install High Efficiency Toilets (Dual Flush or ≤ 1.28 Gallons Per Flush (gpf)) (CALGreen code if applicable) 							
TBD	i. In All Residences	0					2	
TBD	ii. In All Non-Residential Areas	0					0	
	b. High Efficiency Urinals or No-Water Urinals Are Specified:							
TBD	i. Average Flush Rate is ≤0.5 gpf (CALGreen code if applicable)	0					1	
TBD	ii. Average Flush Rate is ≤0.1 gpf	0					1	
TBD	c. High Efficiency Showerheads Use ≤ 2.0 Gallons Per Minute (gpm) at 80 psi (CALGreen code if applicable)	0					3	
	d. Flow Limiters Or Flow Control Valves Are Installed on All Faucets							
TBD	i. Residences: Kitchen - ≤ 1.8 gpm (CALGreen code if applicable)	0					1	
TBD	ii. Non-Residential Areas: Kitchen - ≤ 1.8 gpm (CALGreen code applicable)	0					0	
TBD	iii. Residences: Bathroom Faucets- ≤ 1.5 gpm at 60psi	0					1	
TBD	iv. Non-Residential Areas: Bath Faucets - ≤ .5 gpm or .25 gal for meter faucets (CALGreen code if applicable)	Ν					0	
	2. Distribute Domestic Hot Water Efficiently (G2a is a Prerequisite for credit for							
TBD	G2 b-e. Maximum 5 Points) a. Insulate All Hot Water Pipes	0		1			1	
	[* I his credit is a requirement associated with PJ1: EPA IAP]							
TBD	b. Use Engineered Parallel Plumbing	0					1	
TBD	c. Use Engineered Parallel Plumbing with Demand Controlled Circulation Loop(s)	0					1	
TBD	 d. Use Traditional Trunk, Branch and Twig Plumbing with Demand Controlled Circulation Loop(s) 	0		1			2	
TBD	e. Use Central Core Plumbing	0		1		1	1	
TBD	3. Water Submetering: Bill Tenants for Actual Usage	0					4	
	Total Available Points in Plumbing: 18	0						
H. HEATING	SVENTILATION AND AIR CONDITIONING			Poss	sible Po	oints		
TBD	1. Install High Performing Zoned Radiant Hydronic Heating	0			2			
TBD	2. Install High Efficiency Air Conditioning with Environmentally Preferable Refrigerants	0	1					
	3. Advanced Ventilation Practices for Cooling							
TBD	a. Operable Windows or Skylights Are Placed To Induce Cross Ventilation In At Least One Room In 80% of Units	0		1	1			
	b. Mechanical Ventilation System for Cooling:						1	
TBD	i, ENERGY STAR Ceiling Fans and Light Kits in Living Areas & All Bedrooms	0		1				
TRD	ii Whole House Fan (CAI Green code if applicable)	0		1				
	4 Advanced Machanical Ventilation for IAO	0					1	
	a Bequired : Compliance with ASHRAE 62.2 Mechanical Ventilation Standard (As							
TBD	Adopted in Title 24 Part 6). <i>N/A for projects permitted under 2005 Title 24.</i> Build It Green Multifamily Checklist v	N ersion	2.2/1.	9	R			

Enter	Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
TBD	 b. Advanced Ventilation Practices (Continuous Operation, Sone Limit, Minimum Efficiency, Minimum Ventilation Rate, Homeowner Instructions) 	0			1			
TBD	c. Outdoor Air Ducted to Bedroom and Living Areas of Home	0			2			
TBD	d. ENERGY STAR Bathroom Fans on Timer or Humidistat (CALGreen code if applicable)	0			1			
TBD	5. Garage Ventilation Fans Are Controlled by Carbon Monoxide Sensors (Passive Ventilation Not Eligible) [*This credit is a requirement associated with PJ1: EPA IAP]	0			1			
TBD	6. Install Carbon Monoxide Alarms (or No Combustion Appliances in Living Space and No Attached Garage) [*This credit is a requirement associated with PJ1: EPA IAP]	0			1			
	Total Available Points in Heating Ventilation and Air Conditioning: 13	0						
I. RENEWA	BLE ENERGY			Poss	sible Po	oints		
TBD	1. Solar Hot Water System Preheats Domestic Hot Water	0		4				
	2. Offset a Percentage of the Project's Estimated Electricity Demand with							
TPD	a 60% of Common Area Load	0	2	2				
TBD	h 90% of Common Area Load	0	2	2				
TBD	c. 10% or More of Residential Units Load	0	2	2				
	C. 10% of More of Residential Onits Load Total Available Points in Renewable Energy: 16	0	~	2				
	S PERFORMANCE	0		Poss	sible Po	oints		
	1. Building Performance Exceeds Title 24							
2008	Is project permitted under 2005 Title 24 or 2008 Title 24?							
	Enter the Percent Better Than Title 24 for Residential and Non-Residential Portions of the Project.							
0%	 a. <i>Required:</i> Residences: Minimum 15% Better Than Title 24. 2 Points for Every 1% Better Than Title 24 	0		30+				
0%	 b. Non-Residential Spaces: 1 Point for Every 1% Better Than Title 24, adjusted for square footage 	0		1+				
	2. Building Envelope Diagnostic Evaluations							
TBD	a. Duct Testing Results in Leakage < 6% [*This credit is a requirement associated with PJ1: EPA IAP]	0		1				
TBD	 b. Blower Door Testing Results for Air Change per Hour is < 3.5 ACH₅₀ [*This credit is a requirement associated with PJ1: EPA IAP] 	0		2				
TBD	c. Verify Quality of Insulation Installation & Thermal Bypass Checklist before Drywall [*This credit is a requirement associated with PJ1: EPA IAP]	0		1				
TBD	3. Design and Build Near Zero Energy Homes (Enter number of points, minimum of 2 and maximum of 6 points)	0		6				
TBD	4. Title 24 Prepared and Signed by a CABEC Certified Energy Plans Examiner (CEPE)	0		1				
	5. Participation in Utility Program with Third Party Plan Review							
TBD	a. Energy Efficiency Program [*This credit is a requirement associated with PJ1: EPA IAP]	0		1				
TBD	b. Renewable Energy Program with Min. 30% Better Than Title 24 (High Performing Home)	0	2 2/1	1				

Enter	Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
	Total Available Points in Building Performance: 43+	0						
K. FINISHE	S			Poss	ible Po	oints		
	1. Entryways							
TBD	a. Design Entryways to Reduce Tracked-In Contaminants for All Home Entrances	0			1			
TDD	b. Permanent Walk-Off Systems Are Provided at All Main Building Entrances & In	0			4			
ТВО	Common Areas	0			I			
TBD	2. Use Recycled Content Paint	0				1		
	3. Low/No-VOC Paints & Coatings			· · · · ·	· · · · ·			
	 [*This credit is a requirement associated with PJ1: EPA IAP] a. Low-VOC Interior Wall/Ceiling Paints (<50 grams per liter (gpl) VOCs regardless of sheen) (CALGreen code if applicable) 							
TBD	i. In All Residences	0			1			
TBD	ii. In All Non-Residential Areas	0			0			
	 b. Zero-VOC: Interior Wall/Ceiling Paints (<5 gpl regardless of sheen) 							
TBD	i. In All Residences	0			1			
TBD	ii. In All Non-Residential Areas	0			0			
	c. Use Low-VOC Coatings That Meet SCAQMD Rule 1113 (CALGreen code if applicable)							
TBD	i. In All Residences	0			2			
TBD	ii. In All Non-Residential Areas	0			0			
TBD	4. Use Low VOC Caulks, Construction Adhesives and Sealants that Meet SCAQMD Rule 1168 (CALGreen code if applicable)	0			1			
	 5. Environmentally Preferable Materials for Interior Finish: A) FSC-Certified Wood, B) Reclaimed Lumber, C) Rapidly Renewable, D) Recycled-Content, E) Finger-Jointed, or F) Local a. Residences: At Least 50% of Each Material: 							
TBD	i. Cabinets	0				4		
TBD	ii. Interior Trim	0				2		
TBD	iii. Shelving	0				2		
TBD	iv. Doors	0				2		
TBD	v. Countertops	0				2		
	b. Non-Residential Areas: At Least 50% of Each Material:							
TBD	i. Cabinets	0				0		
TBD	ii. Interior Trim	0				0		
TBD	iii. Shelving	0				0		
TBD	iv. Doors	0				0		
TBD	v. Countertops	0				0		
TBD	6. Reduce Formaldehyde in Interior Finish – Meet Current CARB Airborne Toxic Control Measure (ATCM) for Composite Wood Formaldehyde Limits by Mandatory Compliance Dates (CALGreen code if applicable) [*This credit is a requirement associated with PJ1: EPA IAP]	N			0			
G	7. Reduce Formaldehyde in Interior Finish - Exceed Current CARB ATCM for Composite Wood Formaldehyde Limits Prior to Mandatory Compliance Dates Build It Green Multifamily Checklist y	version	2 2/1 9)				

Enter Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
a. Residences: At Least 90% of Each Material:				4			
IBD I. Doors	0			1			
TBD II. Cabinets and Countertops	0			2			
III. Interior 1 mm and Sneiving	0			1			
b. Non-Residential Areas: At Least 90% of Each Material				0			
IBD I. Doors	0			0			
TBD II. Cabinets and Countertops	0			0			
TBD iii. Interior Trim and Shelving	0			0			
8. Durable Cabinets							
TBD a. Residences	0				1		
TBD b. Non-Residential Areas	0				0		
TBD 9. At Least 25% of All Newly Supplied Interior Furniture has Environmentally Preferable Attributes	0				1		
Total Available Points in Finishes: 26	0		· · · · ·	· · · · ·			
L. FLOORING			Poss	ible Po	oints		
 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. <i>Flooring Adhesives Must Meet SCAQMD</i> Rule 1168 for VOCs 							
TBD a. Residences	0				4		
TBD b. Non-Residential Areas	0				0		
2. Low-Emitting Flooring [*This credit is a requirement associated with PJ1: EPA IAP] a. Residences: Low Emitting Flooring (50% Minimum)	0			2			
(Section 01350, CRI Green Label Plus, Floorscore) b. Non-Residential Areas: Low-Emitting Flooring (50% Minimum)	0			0			
(Section 01350, CRI Green Label Plus, Floorscore)	U			0			
TBD 3. All carpet and 50% of Resilient Flooring is low emitting. (CALGreen code if applicable)	N			0			
Total Available Points in Flooring: 6	0						
M. APPLIANCES & LIGHTING			Poss	ible Po	oints		
1. ENERGY STAR Appliances							
a. Install ENERGY STAR Dishwasher (Must Meet Current Specifications)	0		1			1	
b. install ENERGY STAR Clothes Washer							
TBD i. Meets ENERGY STAR and CEE Tier 2 Requirements	0		1			2	
(Modified Energy Factor ≥2.0; vv ater Factor ≤6.0) (Total 3 Points)							
TBD II WIECIS EINERGT STAR allo GEE TIET 3 REQUIREMENTS (Madified Energy Easter >2.2: Water Easter <4.5) (Tatal 5 Dainta)	0					2	
(IVIOUITED ETIETRY FACTOR 22.2, Water Factor 24.3) (Total 3 Points)							
TRD i ENERGY STAD Ouglified & < 25 Ouble East Capacity	0		1				
TRD ii ENERGY STAR-Qualified & < 20 Cubic Feet Capacity	0		1				
TRD 2 Common Laundry Facilities Are Provided for All Occupants	0		I		1		
TRD 3 Provide Built-In Recycling Center In Fach Desidential Unit	0				1		
4. Low-Mercury Lamps	0				1		

Enter	Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
TBD	a. Low-Mercury Products Are Installed Wherever Linear Fluorescent Lamps Are Used or Replaced	0				1		
TBD	 b. Low-Mercury Products Are Installed Wherever Compact Fluorescent Lamps Are Used or Replaced 	0				1		
	5. Install High-Efficacy Lighting and Design Lighting System							
TBD	a. Install High-Efficacy Lighting	0		1				
TBD	b. Install a Lighting System to IESNA Footcandle Standards or Hire Lighting Consultant	0		1				
TBD	6. Gearless Elevators Are Installed	0		1				
	Total Available Points in Appliances & Lighting: 16	0						
N. OTHER		-		Poss	ible Po	oints		
TBD	1. Required: Incorporate GreenPoint Rated Checklist in Blueprints [*This credit is a requirement associated with PJ1: EPA IAP]	N	R					
TBD	2. Pre-Construction Kick-Off Meeting with Rater and Subs	0	1					
	3. Operations & Maintenance Manuals and Training							
TPD	This credit is a requirement associated with FJT. EFA IAF] Provide O&M Manual to Building Maintenance Staff (CAL Groop code if applicable)	0		1				
TBD	h. Provide O&M Manual to Occupants and Orientation	0		1			1	
	A Residents Are Offered Free or Discounted Transit Passes	0	2	I			1	
	Kesidenis Ale Oneled Flee of Discounted Transit Fasses Sequestional Signage of Project's Green Features	0	1					
	6. Install Homo/Ruilding System Manitar(s)	0	1	1				
	7. Use Vandalism Deterronce Practices and Develop Vandalism Management Plan	0	1	I				
TBD	Total Available Deterrence Fractices and Develop Variatism Management Fran	0	I					
		U						
0. (1101 036	a)							
				Poss	ihle Pr	nints		
	A Site			1 000				
	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					
TBD	D. Install BIO-Retention and Filtration Features	0	2					
TBD	c. Route Downspout Through Permeable Landscape	0	1					
TBD	d. Use Non-Leaching Rooting Materials	0	1					
IBD	e. Include Smart Street/Driveway Design	0	1					
	2. Stormwater Control: Performance Path (Mutually Exclusive With PA1):	0	0					
IBD	Perform a Soli Percolation Test and Capture and Treat 85% of Total Annual Runoff	0	3					
	D. Foundation, Structural Frame and Building Envelope							
TBD	[*This credit is a requirement associated with PJ1: EPA IAP]	0			2			
TBD	2. Install a Foundation Drainage System [*This credit is a requirement associated with PJ1: EPA IAP]	0				2		
TBD	3. Moisture Controlled Crawlspace [*For projects with crawlspaces, this credit is a requirement associated with PJ1: EPA IAP]	0			2			
G	E Exterior Build it Green Multifamily Checklist y	ersion	2.2/1.9	9				

Ente	r Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
TBD	I. Flashing Installation Techniques Specified and Third-Party Verified [*This credit is a requirement associated with PJ1: EPA IAP] H. Heating Ventilation and Air Conditioning	0				1		
TBD	1. Design and Install HVAC System to ACCA Manual J, D, and S Recommendations (CALGreen code if applicable) [*This credit is a requirement associated with PJ1: EPA IAP]	0		4				
TBD	Pressure Relieve the Ductwork System (Mutually exclusive with H1) [*For projects with ducted systems, this credit is a requirement associated with PJ1: EPA IAP]	0		1				
TBD	3. Install High Efficiency HVAC Filter (MERV 6+, Mutually exclusive with H1.) [*This credit is a requirement associated with PJ1: EPA IAP]	0		1				
TBD	Obtain EPA Indoor airPlus Certification (<i>Total 39 possible points, not including Title 24 performance; read comment</i>)	0		2				
TBD TBD	 Third-Party Testing of Mechanical Ventilation Rates for IAQ (Meet ASHRAE 62.2) [*This credit is a requirement associated with PJ1: EPA IAP] ENERGY STAR New Homes: High-Rise Pilot Program 	0		1	2			
	K. Finishes							
TBD	1. Use Moisture Resistant Material in Wet Areas: Kitchens, Bathrooms, Utility Rooms and Basements [*This credit is a requirement associated with PJ1: EPA IAP]	0			1	1		
TBD	2. Materials Meet SMaRT Criteria (Select number of points, up to 5 points)	0				5		
	N. Other							
	 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: 26+	0						
Q. CALGr	een CODE			Poss	sible Po	oints		
No	0. Home meets all applicable CALGreen measures listed in above Sections A - P of the GreenPoint Rated checklist.	N	R					
	The following measures are mandatory in the CALGreen code and do not earn points in the GreenPoint Rated Checklist but have been included in the Checklist for the convenience of jurisdictions.							
	The GreenPoint Rater is not a code enforcement official. The measures in this section may be verified by the GreenPoint Rater at their own discretion and/or discretion of the building official.							
	© Build It Green Multifamily Checklist v	ersion	2.2/1.	9				1

Ente	r Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
TBD	1. CALGreen 4.106.2 Storm water management during construction.	Ν						
TBD	2. CALGreen 4.106.3 Design for surface water drainage away from buildings.	Ν						
TBD	 CALGreen 4.303.1 As an alternative to perscriptive compliance, a 20% reduction in baseline water use shall be demonstrated through calculation 	N						
TBD	 CALGreen 4.406.1 Joints and openings. Annular spaces around pipes, electric cables, conduits, or other openings in plates at exterior walls shall be protected 	N						
TBD	CALGreen4.503.1 Gas fireplace shall be a direct-vent sealed-combustion type. Woodstove or pellet stove shall comply with US EPA Phase II emission limits	N						
TBD	CALGreen 4.505.2 Vapor retarder and capillary break is installed at slab on grade foundations.	N						
TBD	7. CALGreen 4.505.3 19% moisture content of building framing materials	Ν						
TBD	 CALGreen 702.1 HVAC system installers are trained and certified in the proper installation of HVAC systems. 	N						
	Total Available Points in CALGreen Code: 0	0						
Summa	ry							
	Total Available Points		62	86+	35	87	48	
	Minimum Points Required		6	30	5	6	3	

Total Points Achieved 0

0

0

0

0

0

Project has not yet met the recommended minimum requirements

- Total Project Score of At Least 50 Points
- Required measures:
 - -A2a: 50% waste diversion by weight
 - -E2a: All Shingle Roofing Has 3-Yr Subcontractor Warranty & 20-Yr Manufacturer Warranty
 - -H4a: Compliance with ASHRAE 62.2 Mechanical Ventilation Standards (2008 Title 24 projects)
 - -J1a: 15% above Title 24
 - -N1: Incorporate GreenPoint Rated Checklist in Blueprints
- Minimum points in specific categories:
 - -Community (6 points)
 - -Energy (30 points)
 - -IAQ/Health (5 points)
 - -Resources (6 points)
 - -Water (3 points)

AND	LEED Projec	2009 for Commercial Interiors t Checklist					Project Name Date
	Sustair	nable Sites Possible Points	: 21		Indoor	Environmental Quality Possible Poin	ts: 17
Y ? N	_			Y ? N	_		
	Credit 1	Site Selection	1 to 5	Υ	Prereq 1	Minimum IAQ Performance	
	Credit 2	Development Density and Community Connectivity	6	Υ	Prereq 2	Environmental Tobacco Smoke (ETS) Control	
	Credit 3.1	Alternative Transportation—Public Transportation Access	6		Credit 1	Outdoor Air Delivery Monitoring	1
	Credit 3.2	Alternative Transportation—Bicycle Storage and Changing Rooms	2		Credit 2	Increased Ventilation	1
	Credit 3.3	Alternative Transportation—Parking Availability	2		Credit 3.1	Construction IAQ Management Plan—During Construction	1
					Credit 3.2	Construction IAQ Management Plan—Before Occupancy	1
	Water	Efficiency Possible Points	: 11		Credit 4.1	Low-Emitting Materials—Adhesives and Sealants	1
					Credit 4.2	Low-Emitting Materials—Paints and Coatings	1
Υ	Prereq 1	Water Use Reduction—20% Reduction			Credit 4.3	Low-Emitting Materials—Flooring Systems	1
	Credit 1	Water Use Reduction	6 to 11		Credit 4.4	Low-Emitting Materials—Composite Wood and Agrifiber Product	s 1
					Credit 4.5	Low-Emitting Materials—Systems Furniture and Seating	1
	Energy	and Atmosphere Possible Points	: 37		Credit 5	Indoor Chemical & Pollutant Source Control	1
					Credit 6.1	Controllability of Systems-Lighting	1
Y	Prereq 1	Fundamental Commissioning of Building Energy Systems			Credit 6.2	Controllability of Systems-Thermal Comfort	1
Y	Prereq 2	Minimum Energy Performance			Credit 7.1	Thermal Comfort–Design	1
Y	Prereq 3	Fundamental Refrigerant Management			Credit 7.2	Thermal Comfort–Verification	1
	Credit 1.1	Optimize Energy Performance—Lighting Power	1 to 5		Credit 8.1	Daylight and Views-Daylight	1 to 2
	Credit 1.2	Optimize Energy Performance—Lighting Controls	1 to 3		Credit 8.2	Daylight and Views-Views for Seated Spaces	1
	Credit 1.3	Optimize Energy Performance–HVAC	5 to 10		-		
	Credit 1.4	Optimize Energy Performance—Equipment and Appliances	1 to 4		Innova	tion and Design Process Possible Poin	ts: 6
	Credit 2	Enhanced Commissioning	5		_		
	Credit 3	Measurement and Verification	2 to 5		Credit 1.1	Innovation in Design: Specific Title	1
	Credit 4	Green Power	5		Credit 1.2	Innovation in Design: Specific Title	1
	•				Credit 1.3	Innovation in Design: Specific Title	1
	Materi	als and Resources Possible Points	: 14		Credit 1.4	Innovation in Design: Specific Title	1
	-				Credit 1.5	Innovation in Design: Specific Title	1
Y	Prereq 1	Storage and Collection of Recyclables			Credit 2	LEED Accredited Professional	1
	Credit 1.1	Tenant Space—Long-Term Commitment	1		-		
	Credit 1.2	Building Reuse	1 to 2		Region	al Priority Credits Possible Point	nts: 4
	Credit 2	Construction Waste Management	1 to 2	<u> </u>			
	Credit 3.1	Materials Reuse	1 to 2		Credit 1.1	Regional Priority: Specific Credit	1
	Credit 3.2	Materials Reuse—Furniture and Furnishings	1		Credit 1.2	Regional Priority: Specific Credit	1
	Credit 4	Recycled Content	1 to 2		Credit 1.3	Regional Priority: Specific Credit	1
	Credit 5	Regional Materials	1 to 2		Credit 1.4	Regional Priority: Specific Credit	1
	Credit 6	Rapidly Renewable Materials	1		-		
	Credit 7	Certified Wood	1		Total	Possible Poi	nts: 110
	-				Certified 4	0 to 49 points Silver 50 to 59 points Gold 60 to 79 points Platinum 80 to 1	10



LEED 2009 for New Construction and Major Renovations

Project Checklist

Susta	nable Sites Possible Points:	26	Materials and Resources, Continued	
Y ? N			Y ? N	
Y Prereq 1	Construction Activity Pollution Prevention		Credit 4 Recycled Content 1	1 to 2
Credit 1	Site Selection	1	Credit 5 Regional Materials 1	1 to 2
Credit 2	Development Density and Community Connectivity	5	Credit 6 Rapidly Renewable Materials 1	1
Credit 3	Brownfield Redevelopment	1	Credit 7 Certified Wood 1	1
Credit 4.1	Alternative Transportation—Public Transportation Access	6		
Credit 4.2	Alternative Transportation—Bicycle Storage and Changing Rooms	1	Indoor Environmental Quality Possible Points: 1	15
Credit 4.3	Alternative Transportation—Low-Emitting and Fuel-Efficient Vehicle	es 3		
Credit 4.4	Alternative Transportation—Parking Capacity	2	Y Prereq 1 Minimum Indoor Air Quality Performance	
Credit 5.1	Site Development—Protect or Restore Habitat	1	Y Prereq 2 Environmental Tobacco Smoke (ETS) Control	
Credit 5.2	Site Development—Maximize Open Space	1	Credit 1 Outdoor Air Delivery Monitoring 1	1
Credit 6.1	Stormwater Design—Quantity Control	1	Credit 2 Increased Ventilation 1	1
Credit 6.2	Stormwater Design—Quality Control	1	Credit 3.1 Construction IAQ Management Plan—During Construction 1	1
Credit 7.1	Heat Island Effect—Non-roof	1	Credit 3.2 Construction IAQ Management Plan—Before Occupancy 1	1
Credit 7.2	Heat Island Effect—Roof	1	Credit 4.1 Low-Emitting Materials—Adhesives and Sealants 1	1
Credit 8	Light Pollution Reduction	1	Credit 4.2 Low-Emitting Materials—Paints and Coatings 1	1
			Credit 4.3 Low-Emitting Materials—Flooring Systems 1	1
Water Water	Efficiency Possible Points:	10	Credit 4.4 Low-Emitting Materials—Composite Wood and Agrifiber Products 1	1
_			Credit 5 Indoor Chemical and Pollutant Source Control 1	1
Y Prereq 1	Water Use Reduction—20% Reduction		Credit 6.1 Controllability of Systems—Lighting 1	1
Credit 1	Water Efficient Landscaping	2 to 4	Credit 6.2 Controllability of Systems—Thermal Comfort 1	1
Credit 2	Innovative Wastewater Technologies	2	Credit 7.1 Thermal Comfort—Design 1	1
Credit 3	Water Use Reduction	2 to 4	Credit 7.2 Thermal Comfort—Verification 1	1
			Credit 8.1 Daylight and Views—Daylight 1	1
Energ	y and Atmosphere Possible Points:	35	Credit 8.2 Daylight and Views—Views 1	1
Y Prereq 1	Fundamental Commissioning of Building Energy Systems		Innovation and Design Process Possible Points: 6	6
Y Prereq 2	Minimum Energy Performance			
Y Prereq 3	Fundamental Refrigerant Management		Credit 1.1 Innovation in Design: Specific Title 1	1
Credit 1	Optimize Energy Performance	1 to 19	Credit 1.2 Innovation in Design: Specific Title 1	1
Credit 2	On-Site Renewable Energy	1 to 7	Credit 1.3 Innovation in Design: Specific Title 1	1
Credit 3	Enhanced Commissioning	2	Credit 1.4 Innovation in Design: Specific Title 1	1
Credit 4	Enhanced Refrigerant Management	2	Credit 1.5 Innovation in Design: Specific Title 1	1
Credit 5	Measurement and Verification	3	Credit 2 LEED Accredited Professional 1	1
Credit 6	Green Power	2		
	isle and Descurres	1.4	Regional Priority Credits Possible Points: 4	4
	Tais and Resources Possible Points:	14	a contract a Designal Dright Creatify Creatify Creatify	
	Storage and Collection of Desuelables		Creating Regional Priority: Specific Credit	1
Y Prereq 1	Storage and Collection of Recyclables	1 +- 0	Creating Cre	1
Credit 1.1	Duilding Dougo Maintain EXisting Walls, Floors, and Roof	1 10 3	Credit 1.3 Regional Priority: Specific Credit	1
Credit 1.2	Building Reuse—Maintain 50% of Interior Non-Structural Elements	 1 to 0		I
	CONSTRUCTION WASTE WANAYETHENT	1 to 2	Total Devide Deinter 1	110
	ואומרבו ומוז ורבתזב	1 10 2	Cartified 40 to 49 points Silver 50 to 50 points Cold 40 to 70 points Distance Points 110	110
			Certified to to to points and er as points and out of the points Platinum 80 to 10	

Project Name

Date