GreenPoint Rated Checklist: Single Family

The GreenPoint Rated checklist tracks green features incorporated into the home. 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.

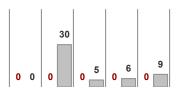
GreenPoint Rated is provided as a public service by Build It Green, a professional non-profit whose mission is to promote healthy, energy and resource efficient buildings in California.

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, K7., and N.1. Projects meeting measure J4. Obtain EPA Indoor airPLUS Certification should automatically meet the requirements of 29 other measures; when J4 is chosen, these 29 measures will be highlighted in blue for your convenience.

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



Total Points Targeted:



Single Family New Home 4.0 / 2008 Title 24

Enter	Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
A. SITE				Poss	ible Po	oints		
	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 (Recycling or Reuse)	N				R		
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,							
TBD	and Pre-Occupancy Flush-Out [*This credit is a requirement associated with	0			2			
	J4: EPA IAP]							
	Total Points Available in Site = 12	0						
B. FOUND	ATION			Poss	ible Po	oints		
TBD	Replace Portland Cement in Concrete with Recycled Fly Ash and/or Slag (Minimum 20%)	0				2		
TBD	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			

	Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
TBD	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			
TDD	6. Design and Build Structural Pest Controls					4		
TBD TBD	a. Install Termite Shields & Separate All Exterior Wood-to-Concrete Connections b. All Plants Have Trunk, Base, or Stem Located At Least 36 Inches from Foundation	0				1		
IBD	b. All Plants Have Trunk, Base, or Stem Located At Least 36 Inches from Foundation Total Points Available in Foundation = 12					1		
C. LANDS		U		Docc	ible P	ointe		
C. LANDS	Enter in the % of landscape area. (Projects with less than 15% of the total site area (i.e. total lot			1 033	IDIC I	UIIII		
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	
	2. Mulch All Planting Beds to the Greater of 3 Inches or Local Water	0					_	
TBD	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 ≤33%, 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	0					3	
	7. Incorporate Two Inches of Compost in the Top 6 to 12 Inches of Soil	0					3	
	8. Rain Water Harvesting System						4	
TBD TBD	a. Cistern(s) is Less Than 750 Gallons	0					1	
TBD	b. Cistern(s) is 750 to 2,500 Gallons c. Cistern(s) is Greater Than 2,500 Gallons	0					1	
	9. Irrigation System Uses Recycled Wastewater	0					1	
TBD	10. Submetering for Landscape Irrigation	0					1	
	11. Design Landscape to Meet Water Budget	U					1	
TBD	a. Install Irrigation System That Will Be Operated at ≤70% Reference ET (Prerequisites for Credit are C1. and C2.)	0					1	
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	

Construction Material Efficiencies A Security Surar Security Surar Security Surar Security		Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
Downward	TBD	A) FSC-Certified Wood, B) Reclaimed, C) Rapidly Renewable, D) Recycled-Content E) Finger-Jointed or F) Local	0				1		
D. STRUCTURAL FRAME & BUILDING ENVELOPE	TBD 1	Downward		1					
1. Apply Optimal Value Engineering		Total Points Available in Landscape = 35	0						
TBD					Poss	ible P	oints		
Construction Material Efficiencies a. Wall and Floor Assemblies (Excluding Solid Wall Assemblies) are Delivered Panelized from Supplier (Minimum of 80% Square Feet) D. Modular Components Are Delivered Assembled to the Project (Minimum 25%) O	TBD TBD	a. Place Joists, Rafters and Studs at 24-Inch On Centerb. Door and Window Headers are Sized for Load	0				1		
Suse Engineered Lumber a. Engineered Beams and Headers b. Wood I-Joists or Web Trusses for Floors c. Engineered Lumber for Roof Rafters d. Engineered umber for Roof Rafters d. Engineered or Finger-Jointed Studs for Vertical Applications d. Engineered Content of	TBD 2.	Construction Material Efficiencies a. Wall and Floor Assemblies (Excluding Solid Wall Assemblies) are Delivered Panelized from Supplier (Minimum of 80% Square Feet)	0				2		
TBD	3.	. Use Engineered Lumber							
TBD	TBD	b. Wood I-Joists or Web Trusses for Floors	0				1		
TBD	TBD	e. Oriented Strand Board for Subfloor	0				1		
TBD	TBD 4.	. Insulated Headers			1				
Assembly	TBD TBD	a. Dimensional Lumber, Studs and Timber (Minimum 40%)b. Panel Products (Minimum 40%)							
TBD b. Walls 0 2 TBD c. Roofs 0 1 TBD 7. Energy Heels on Roof Trusses (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		Assembly)	0				0		
TBD 7. Energy Heels on Roof Trusses (75% of Attic Insulation Height at Outside Edge of Exterior Wall) 8. Install Overhangs and Gutters TBD a. Minimum 16-Inch Overhangs and Gutters D. Minimum 24-Inch Overhangs and Gutters D. Minimum 24-Inch Overhangs and Gutters D. Minimum 24-Inch Overhangs and Gutters TBD b. Minimum 24-Inch Overhangs and Gutters	TBD	b. Walls	0				2		
TBD a. Minimum 16-Inch Overhangs and Gutters D. Minimum 24-Inch Overhangs and Gutters	TBD 7.	. Energy Heels on Roof Trusses (75% of Attic Insulation Height at Outside Edge of Exterior Wall)			1				
O Deduce Pollution Entering the Home from the Course	TBD	a. Minimum 16-Inch Overhangs and Gutters			1		1		
[*This credit is a requirement associated with J4: EPA IAP]			0			4			
TBD a. Install Garage Exhaust Fan OR Build a Detached Garage b. Tightly Seal the Air Barrier between Garage and Living Area (Performance Test Required) 0 1 0 1		b. Tightly Seal the Air Barrier between Garage and Living Area (Performance Test							

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Entor	Project Name	eq	nn	_	aalt	rce		
Linter	Project Name	its iev	mm	rg)	/He	no	er	
		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
E. EXTERIO	R	шQ			sible P			Hotes
	1. Use Environmentally Preferable Decking	0				2		
	2. Flashing Installation Techniques Specified and Third-Party Verified							
TBD	[*This credit is a requirement associated with J4: EPA IAP]	0				1		
TBD	3. Install a Rain Screen Wall System	0				2		
	4. Use Durable and Non-Combustible Siding Materials	0				1		
	5. Use Durable and Fire Resistant Roofing Materials or Assembly	0				2		
	Total Points Available in Exterior = 8	0						
F. INSULAT	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 Points Available in Insulation = 3	0						
G. PLUMBI	NG			Poss	ible P	oints		
	1. Distribute Domestic Hot Water Efficiently							
	(Max. 5 points, G1a. is a Prerequisite for G1b-e)							
TDD	a. Insulate All Hot Water Pipes	_		4			4	
TBD	[*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	
TBD	d. Use Traditional Trunk, Branch and Twig Plumbing with Demand Controlled	0		4			_	
IBD	Circulation Loop(s)	U		1			2	
TBD	e. Use Central Core Plumbing	0		1		1	1	
	2. Water Efficient Fixtures							
TBD	a. High Efficiency Showerheads ≤2.0 Gallons Per Minute (gpm) at 80 psi	0					3	
TBD	b. High Efficiency Bathroom Faucets ≤ 1.5 gpm at 60psi	0					1	
TBD	c. High Efficiency Kitchen and Utility Faucets ≤2.0 gpm	0					1	
TBD	3. Install Only High Efficiency Toilets (Dual-Flush or ≤1.28 Gallons Per	0					2	
IBD	Flush (gpf))							
	Total Points Available in Plumbing = 12	0						
	G, VENTILATION & AIR CONDITIONING			Poss	ible P	oints		
	1. Properly Design HVAC System and Perform Diagnostic Testing						1	
TBD	a. Design and Install HVAC System to ACCA Manual J, D, and S Recommendations	0		4				
100	[*This credit is a requirement associated with J4: EPA IAP]	Ů						
TBD	b. Test Total Supply Air Flow Rates	0		1				
	[*This credit is a requirement associated with J4: EPA IAP]							
TBD	c. Third Party Testing of Mechanical Ventilation Rates for IAQ (meet ASHRAE 62.2)	0		1				
	2. Install Sealed Combustion Units							
L	[*This credit is a requirement associated with J4: EPA IAP]						1	
TBD	a. Furnaces	0			2			
TBD	b. Water Heaters	0			2			
TBD	3. Install High Performing Zoned Hydronic Radiant Heating	0		1	1			

Ente	r Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
TBD	Install High Efficiency Air Conditioning with Environmentally Preferable Refrigerants	0	1					
	5. Design and Install Effective Ductwork							
TBD	a. Install HVAC Unit and Ductwork within Conditioned Space	0		1				
TDD	b. Use Duct Mastic on All Duct Joints and Seams	0		4				
TBD	[*This credit is a requirement associated with J4: EPA IAP]	0		1				
TDD	c. Pressure Relieve the Ductwork System	0		1				
TBD	[*This credit is a requirement associated with J4: EPA IAP]	0		1				
TBD	6. Install High Efficiency HVAC Filter (MERV 6+)	0			1			
טפו	[*This credit is a requirement associated with J4: EPA IAP]	U			1			
	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	0			1			
	9. Install Mechanical Ventilation System for Cooling (Max. 4 Points)							
TBD	a. Install ENERGY STAR Ceiling Fans & Light Kits in Living Areas & All Bedrooms	0		1				
TBD	b. Install Whole House Fan with Variable Speeds (Credit Not Available if H9c Chosen)	0		1				
TBD	c. Automatically Controlled Integrated System with Variable Speed Control	0		3				
	10. Advanced Mechanical Ventilation for IAQ							
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. RENEW	ABLE ENERGY			Poss	ible P	oints		
TBD	1. Pre-Plumb for Solar Water Heating	0				1		
TDD	2. Install Wiring Conduit for Future Photovoltaic Installation & Provide	0						
TBD	200 ft ² of South-Facing Roof	0				1		
	3. Offset Energy Consumption with Onsite Renewable Generation							
0.0%	(Solar PV, Solar Thermal, Wind)	0		25				
	Enter % total energy consumption offset, 1 point per 4% offset							
	Total Available Points in Renewable Energy = 27	0						

Enter Project Name		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
J. BUILDIN	NG PERFORMANCE			Poss	sible P	oints		
TBD	Building Envelope Diagnostic Evaluations 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				
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) Output 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				
TBD	6. Participation in Utility Program with Third Party Plan Review 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		0		Poss	sible P	oints		
TBD	1. Design Entryways to Reduce Tracked-In Contaminants 2. Use Low-VOC or Zero-VOC Paint (Maximum 3 Points)	0			- 1			
TBD	a. Low-VOC Interior Wall/Ceiling Paints (<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 [*This credit is a requirement associated with J4: EPA IAP]	0			2			
TBD	Use Low-VOC Caulks, Construction Adhesives and Sealants that Meet SCAQMD Rule 1168	0			2			
TBD	5. Use Recycled-Content Paint	0				1		

Enter	Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
•	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. Required: Reduce Formaldehyde in Interior Finish – Meet Current CARB Airborne Toxic Control Measure (ATCM) for Composite Wood Formaldehyde Limits by Mandatory Compliance Dates [*This credit is a requirement associated with J4: EPA IAP]	N			R			
	B. 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	0			3			
	Level <27ppb Total Available Points in Finishes = 27	0						
L. FLOORIN				Poss	sible F	oints		
	I. 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		
	2. Thermal Mass Floors (Minimum 50%)	0		1				
TBD	B. Low Emitting Flooring (Section 01350, CRI Green Label Plus, Floorscore [*This credit is a requirement associated with J4: EPA IAP]	0			3			
	Total Available Points in Flooring = 8	0		_				
	ICES AND LIGHTING	0		Poss	sible F	oints	4	
	I. Install ENERGY STAR Dishwasher (Must Meet Current Specifications)	0		1			1	
TBD	2. Install ENERGY STAR Clothes Washer 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	
	3. Install ENERGY STAR Refrigerator	0		A				
TBD TBD	a. ENERGY STAR Qualified & < 25 Cubic Feet Capacity b. ENERGY STAR Qualified & < 20 Cubic Feet Capacity	0		1				
IBD	U. ENERGT STAR Qualified & < 20 Cubic Feet Capacity	U	I		l			

		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
	. Install Built-In Recycling Center or Composting Center	-						
TBD	a. Built-In Recycling Center	0				1		
	b. Built-In Composting Center	0				1		
	. Install High-Efficacy Lighting and Design Lighting System			4				
TBD	a. Install High-Efficacy Lighting	0		1				
TBD	b. Install a Lighting System to IESNA Footcandle Standards or Hire Lighting Consultant	0		1				
	Total Available Points in Appliances and Lighting = 13	0						
N. OTHER				Poss	ible Po	oints		
TBD 1.	. Required: Incorporate GreenPoint Rated Checklist in Blueprints	N				R		
	[*This credit is a requirement associated with J4: EPA IAP]							
	. Pre-Construction Kick-Off Meeting with Rater and Subs	0	1					
TBD 3	. Homebuilder's Management Staff are Certified Green Building Professionals	0	1					
4	. Develop Homeowner Manual of Green Features/Benefits and Conduct							
TBD -	Walkthroughs [*This credit is a requirement associated with J4: EPA IAP]	0		1	1		1	
5	Install a Home System Monitor OR Participate in a Time-of-Use	0						
TBD	Pricing Program			1				
	Total Available Points in Other = 6	0						
O COMMUN	IITY DESIGN & PLANNING	-		Poss	ible Po	nints		
	. Develop Infill Sites			. 000	10101	JII 100		
	a. Project is an Urban Infill Development	0	1			1		
						-		
TBD	·	0	2					
	b. Home(s)/Development is Located within 1/2 Mile of a Major Transit Stop	_	2					
TBD 2.	b. Home(s)/Development is Located within 1/2 Mile of a Major Transit Stop Build on Designated Brownfield Site	0						
TBD 2.	b. Home(s)/Development is Located within 1/2 Mile of a Major Transit Stop	0				1		
TBD 2. TBD	b. Home(s)/Development is Located within 1/2 Mile of a Major Transit Stop Build on Designated Brownfield Site Cluster Homes & Keep Size in Check a. Cluster Homes for Land Preservation	0	3			1 2		
TBD 2. TBD TBD	b. Home(s)/Development is Located within 1/2 Mile of a Major Transit Stop Build on Designated Brownfield Site Cluster Homes & Keep Size in Check	0 0	3					
TBD 2. TBD TBD	b. Home(s)/Development is Located within 1/2 Mile of a Major Transit Stop Build on Designated Brownfield Site Cluster Homes & Keep Size in Check a. Cluster Homes for Land Preservation b. Conserve Resources by Increasing Density (10 Units per Acre or Greater)	0 0 0 0	3			2		
TBD 2. 3. TBD TBD	b. Home(s)/Development is Located within 1/2 Mile of a Major Transit Stop Build on Designated Brownfield Site Cluster Homes & Keep Size in Check a. Cluster Homes for Land Preservation b. Conserve Resources by Increasing Density (10 Units per Acre or Greater) c. Home Size Efficiency	0 0 0 0	3			2		
TBD 2. 3. TBD TBD 0 0	b. Home(s)/Development is Located within 1/2 Mile of a Major Transit Stop Build on Designated Brownfield Site Cluster Homes & Keep Size in Check a. Cluster Homes for Land Preservation b. Conserve Resources by Increasing Density (10 Units per Acre or Greater) c. Home Size Efficiency i. Enter Average Unit Square Footage	0 0 0 0	3			2		
TBD 2. 3. TBD TBD 0 0 4.	b. Home(s)/Development is Located within 1/2 Mile of a Major Transit Stop Build on Designated Brownfield Site Cluster Homes & Keep Size in Check a. Cluster Homes for Land Preservation b. Conserve Resources by Increasing Density (10 Units per Acre or Greater) c. Home Size Efficiency i. Enter Average Unit Square Footage ii. Enter Average Number of Bedrooms/Unit	0 0 0 0	3			2		
TBD 2. 3. TBD TBD 0 0 4.	b. Home(s)/Development is Located within 1/2 Mile of a Major Transit Stop Build on Designated Brownfield Site Cluster Homes & Keep Size in Check a. Cluster Homes for Land Preservation b. Conserve Resources by Increasing Density (10 Units per Acre or Greater) c. Home Size Efficiency i. Enter Average Unit Square Footage ii. Enter Average Number of Bedrooms/Unit Design for Walking & Bicycling	0 0 0 0	3			2		
TBD 2. 3. TBD TBD 0 0 4.	b. Home(s)/Development is Located within 1/2 Mile of a Major Transit Stop Build on Designated Brownfield Site Cluster Homes & Keep Size in Check a. Cluster Homes for Land Preservation b. Conserve Resources by Increasing Density (10 Units per Acre or Greater) c. Home Size Efficiency i. Enter Average Unit Square Footage ii. Enter Average Number of Bedrooms/Unit Design for Walking & Bicycling a. Site Has Pedestrian Access Within 1/2 Mile of Community Services:	0 0 0 0	3			2		
TBD 2. 3. TBD TBD 0 0 4.	b. Home(s)/Development is Located within 1/2 Mile of a Major Transit Stop Build on Designated Brownfield Site Cluster Homes & Keep Size in Check a. Cluster Homes for Land Preservation b. Conserve Resources by Increasing Density (10 Units per Acre or Greater) c. Home Size Efficiency i. Enter Average Unit Square Footage ii. Enter Average Number of Bedrooms/Unit 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	0 0 0 0	3			2		
TBD 2. 3. TBD TBD 0 0 4.	b. Home(s)/Development is Located within 1/2 Mile of a Major Transit Stop Build on Designated Brownfield Site Cluster Homes & Keep Size in Check a. Cluster Homes for Land Preservation b. Conserve Resources by Increasing Density (10 Units per Acre or Greater) c. Home Size Efficiency i. Enter Average Unit Square Footage ii. Enter Average Number of Bedrooms/Unit 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	0 0 0 0	3			2		
TBD 2. 3. TBD TBD 0 0 4.	b. Home(s)/Development is Located within 1/2 Mile of a Major Transit Stop Build on Designated Brownfield Site Cluster Homes & Keep Size in Check a. Cluster Homes for Land Preservation b. Conserve Resources by Increasing Density (10 Units per Acre or Greater) c. Home Size Efficiency i. Enter Average Unit Square Footage ii. Enter Average Number of Bedrooms/Unit 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	0 0 0 0	3			2		
TBD 2. 3. TBD TBD 0 0 4.	b. Home(s)/Development is Located within 1/2 Mile of a Major Transit Stop Build on Designated Brownfield Site Cluster Homes & Keep Size in Check a. Cluster Homes for Land Preservation b. Conserve Resources by Increasing Density (10 Units per Acre or Greater) c. Home Size Efficiency i. Enter Average Unit Square Footage ii. Enter Average Number of Bedrooms/Unit 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	0 0 0 0	3			2		
TBD 2. 3. TBD TBD 0 0 4.	b. Home(s)/Development is Located within 1/2 Mile of a Major Transit Stop Build on Designated Brownfield Site Cluster Homes & Keep Size in Check a. Cluster Homes for Land Preservation b. Conserve Resources by Increasing Density (10 Units per Acre or Greater) c. Home Size Efficiency i. Enter Average Unit Square Footage ii. Enter Average Number of Bedrooms/Unit 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	0 0 0 0	3			2		
TBD 2.3. TBD TBD 0 0 4.	b. Home(s)/Development is Located within 1/2 Mile of a Major Transit Stop Build on Designated Brownfield Site Cluster Homes & Keep Size in Check a. Cluster Homes for Land Preservation b. Conserve Resources by Increasing Density (10 Units per Acre or Greater) c. Home Size Efficiency i. Enter Average Unit Square Footage ii. Enter Average Number of Bedrooms/Unit 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	0 0 0 0	3			2		
TBD 2.3. TBD TBD 0 0 4.	b. Home(s)/Development is Located within 1/2 Mile of a Major Transit Stop Build on Designated Brownfield Site Cluster Homes & Keep Size in Check a. Cluster Homes for Land Preservation b. Conserve Resources by Increasing Density (10 Units per Acre or Greater) c. Home Size Efficiency i. Enter Average Unit Square Footage ii. Enter Average Number of Bedrooms/Unit 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	0 0 0 0	3			2		
TBD 2.3. TBD TBD 0 0 4.	b. Home(s)/Development is Located within 1/2 Mile of a Major Transit Stop Build on Designated Brownfield Site Cluster Homes & Keep Size in Check a. Cluster Homes for Land Preservation b. Conserve Resources by Increasing Density (10 Units per Acre or Greater) c. Home Size Efficiency i. Enter Average Unit Square Footage ii. Enter Average Number of Bedrooms/Unit 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	0 0 0 0	3			2		

Enter	Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
TBD	 b. Development is Connected with A Dedicated Pedestrian Pathway to Places of Recreational Interest Within 1/4 mile 	0	1					
TBD	 c. Install Traffic Calming Strategies (Minimum of Two): - Designated Bicycle Lanes are Present on Roadways; - Ten-Foot Vehicle Travel Lanes; - Street Crossings Closest to Site are Located Less Than 300 Feet Apart; - Streets Have Rumble Strips, Bulbouts, Raised Crosswalks or Refuge Islands 	0	2					
	5. Design for Safety & Social Gathering							
TBD	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 Doors	0	1					
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					
TBD	b. All Main Floor Interior Doors & Passageways Have a Minimum 32-Inch Clear 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		Dassi	ible D	-:-4-		
P. INNOVA	A. Site			Possi	ible Po	omis		
	Ste Stermwater 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 TBD	d. Use Non-Leaching Roofing Materials e. Include Smart Street/Driveway Design	0	1	-				
	Stormwater Control: Performance Path (Mutually Exclusive with PA1): Perform Soil		-					
TBD	Percolation Test and Capture and Treat 85% of Total Annual Runoff	0	3					
	C. Landscape		·	·	·			
TBD	Meet Local Landscape Program Requirement	0					2	
	D. Structural Frame & Building Envelope 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	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				

Enter Project Name	Points Achieved	Community	Energy	IAQ/Health	Resources	Water	Notes
G. Plumbing							
TBD 1. Greywater Pre-Plumbing (Includes Clothes Washer at Minimum) TBD 2. Greywater System Operational (Includes Clothes Washer at Minimum)	0					2	
TBD 3. Innovative Wastewater Technology (Constructed Wetland, Sand Filter, Aerobic System)	0					1	
20.7							
TBD 4. Composting or Waterless Toilet	0					2	
TBD 5. Install Drain Water Heat-Recovery System	0		1				
TBD 6. Install a Hot Water Desuperheater	0		2				
H. Heating, Ventilation, and Air Conditioning							
1. Humidity Control Systems (Only in California Humid/Marine Climate Zones 1,3,5,6,7)	0			1			
[*This credit is a requirement associated with J4: EPA IAP] TBD 2. Design HVAC System to Manual T for Register Design	0		-1				
TBD 2. Design HVAC System to Manual T for Register Design K. Finishes	0		1				
1	0				5		
TBD 1. Materials Meet SMaRT Criteria (Select the number of points, up to 5 points) N. Other	- 0				5		
TBD 1. Detailed Durability Plan and Third-Party Verification of Plan Implementation	0				2		
Detailed Durability Plan and Third-Party Verification of Plan Implementation 2. Educational Signage of Project's Green Features	- 0						
TBD a. Promotion of Green Building Practices	0	1					
TBD b. Installed Green Building Educational Signage	0	1					
5. Installed Green Building Educational Gignage		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.							
point in cash canger, it can a macanata and a change and it cash.							
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						
Total Achievable Points in Innovation = 33+	0						
Summary							
Total Available Points in Specific Categories		35	96+	44	110	56	
Minimum Points Required in Specific Categories	50	0	30	5	6	9	
Total Points Achieved	0	0_	0	0_	0_	0	
Total Politis Achieved	0	-0		- 0	-0	-0	

Enter Project Name	Points Achieved Community	rg)	IAQ/Health	Resources	Water	Notes
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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
 - -K7: Reduce Formaldehyde in Interior Finish Meet Current CARB ATCM for Composite Wood Formaldehyde Limits by Mandatory Compliance Dates
 - -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)