## **Multifamily GreenPoint Checklist**

available at www.multifamilygreen.org

date:

4,935 sq ft

1,076 sq ft

This checklist tracks green features in a multifamily project. The recommended minimum requirements for a green home are: Earn a total of 50 points or more; obtain the following minimum points per category: Community (6), Energy (11), Indoor Air Quality/Health (5), Resources (6), and Water (3); and meet the prerequisites A.3.a (50% construction waste diversion), A.10.a. (No shingle roofing) and N.1 (Incorporate GreenPoint checklist in blueprints). The green building practices listed below are described in greater detail in the Multifamily Green Building Guidelines,

**Current Point Total** 

**Enter Total Conditioned Floor Area of the Project: Enter Total Non-Residential Floor Area of Project** 

Percent of Project Dedicated to Residential Use

	Percent of Project Dedicated to Residential Use #VALUE!		0		9	
	SANTA FE AVE ALBANY, CA 94706-2120	Community	Energy	IAQ/Health	Resources	Water
A. PL	ANNING & DESIGN		Po	ssible Po	oints	
	1. Infill Sites	_				
7	a. Project is Located Within an Urban Growth Boundary & Avoids Environmentally Sensitive Sites	1				
7	b. Project Includes the Redevelopment of At Least One Existing Building				1	
31	c. Housing Density of 15 Units Per Acre or More (1 pt for every 5 u/a) Enter Project Density Number (In Units Per Acre)	10		1	No.	
~	d. Locate Within Existing Community that has Sewer Line & Utilities in Place	1				
	e. Project Redevelops a Brownfield Site or is Designated a Redevelopment Area by a City	1			- Contraction of the Contraction	
	f. Site has Pedestrian Access Within ½ Mile to Neighborhood Services (1 Pt for 5 Or More, 2 Pts for 10 Or More):					
	✓ 1) Bank ✓ 2) Place of Worship ✓ 3) Full Scale Grocery/Supermarket					
	✓ 4) Day Care ✓ 5) Cleaners ✓ 6) Fire Station					
	7) Hair Care 8) Hardware 9) Laundry					
	✓ 10) Library ✓ 11) Medical/Dental ☐ 12) Senior Care Facility					
	✓ 13) Public Park ✓ 14) Pharmacy ✓ 15) Post Office	2				
	✓ 16) Restaurant ✓ 17) School ☐ 18) After School Programs					
	✓ 19) Commercial Office ✓ 20) Community Center ✓ 21) Theater/Entertainment					
	22) Convenience Store Where Meat & Produce are Sold.					
	g. Proximity to Public Transit					1
	Development is Located Within:					
7	1/4 Mile of One Planned or Current Bus Line Stop	1				
7	1/4 Mile of Two or More Planned or Current Bus Line Stops	1				
7	1/2 Mile of a Commuter Train/Light Rail Transit System	1				
	h. Reduced Parking Capacity:		***************************************	<del></del>		<u> </u>
	Less than 1.5 Parking Spaces Per Unit	1			-	
	Less than 1.0 Parking Spaces Per Unit	1				
	2. Mixed-Use Developments		A			
7	a. At least 2% of Development Floorspace Supports Mixed Use (Non-Residential Tenants)	1				
7	b. Half of Above Non-Residential Floorspace is Dedicated to Neighborhood Services	1				
	3. Building Placement & Orientation					
	a. Protect Soil & Existing Plants & Trees	1				
	4. Design for Walking & Bicycling					
~	a. Sidewalks Are Physically Separated from Roadways & Are 5 Feet Wide	1				
	b. Traffic Calming Strategies Are Installed by the Developer	1				
7	c. Provide Dedicated, Covered & Secure Bicycle Storage for 15% of Residents	1				
<b>V</b>	d. Provide Secure Bicycle Storage for 5% of Non-Residential Tenant Employees & Visitors	1				
	5. Social Gathering Places		1	T		7
7	a. Outdoor Gathering Places for Residents (Average of 50 sf Per Unit Or More)	1				ļ
7	b. Outdoor Gathering Places Provide Natural Elements (For compact sites only; this point not available if A.5a is checked)	1				
	6. Design for Safety and Natural Surveillance			1		
7	a. All Main Entrances to the Building and Site are Prominent and Visible from the Street	1				ļ



904	SANTA FE AVE ALBANY, CA 94706-2120	Community	Energy	IAQ/Health	Resources	Water
,	7. Landscaping					
	Check here if the landscape area is <10% of the total site area. Projects with <10% landscape area can only check up to 3 boxes	in this se	ction.			
	a. No Plant Species will Require Shearing				1	
	b. No plantings are Listed on the Invasive Plant Inventory by the California Invasive Plant Council				1	
7	c. Specify California Native or Mediterranean Species that Require Occasional, Little or No Summer Watering					1
	d. Create Drought Resistant Soils:	Γ				
	i. Mulch All Planting Beds to a Depth of 2 Inches or Greater as Per Local Ordinance					1
	ii. Amend with 1 Inch of Compost or as per Soil Analysis to Reach 3.5% Soil Organic Matter e. Design & Install High-Efficiency Irrigation System	L				1
7	i. Specify Smart (Weather-Based) Irrigation Controllers					1
7	ii. Specify Drip, Bubblers or Low-Flow Sprinklers for All Non Turf Landscape Areas					1
	f. Group Plants by Water Needs (Hydrozones) in Planting Plans & Identify Hydrozones on Irrigation Plans					1
	g. Minimize Turf in Landscape Installed by Builder	-				
	i. Do Not Specify Turf on Slopes Exceeding 10% or in Areas Less Than 8 Feet Wide					1
□,	ii. Less Than 33% of All Landscaped Area is Specified as Turf AND All Turf has Water Requirement <= To Tall Fescue					1
	8. Building Performance Exceeds Title 24					
	Enter the Percent Above the 2005 Version of Title 24 for Residential and Non-Residential Portions of the Project.				,	,
10%	a. Residences: 2 Points for Every 1% Above 2005 T24 (Weighted Average Up To 30 Total Points for Measure 8 a & b)		###			
10%	b. Non-Residential Spaces: 2 Points for Every 1% Above 2005 T24 (Up To 30 Total Points for Measure 8 a & b)					
	Check here if using 2001 version of Title 24. 1 Point for Every 1% Above 2001 Title 24.	<u> </u>				
	9. Cool Site				,	
Ш	a. At least 30% of the Site Includes Cool Site Techniques	1				
	10. Adaptable Buildings a. Include Universal Design Principles in Units					
	50% of Units	1	1			
	80% of Units	1				
	b. Live/Work Units Include A Dedicated Commercial Entrance	1	ļ			
	11. Affordability					
	a. A Percentage of Units are Dedicated to Households Making 80% or Less of AMI					
	10% of All Units	1				
	20%	1				
	30%	1				
	50% or More	1				
	b. Development Includes Multiple Bedroom Units (At least 1 Unit with 3BR or More at or Less Than 80% AMI)	2				
D CITE	WORK	1	Do	aible De	into	
B. SITI	2. WORK  1. Construction & Demolition Waste Management		P0:	ssible Po	ints	
	Divert a Portion of all Construction & Demolition Waste:					
7	a. Required: Divert 50%				Υ	
	b. Divert 65%				2	
	c. Divert 80% or more				2	
	2. Construction Material Efficiencies	1				
	a. Framing Materials are Pre-Cut or Pre-Assembled (80% orMore)				1	
	b. Components of the Project Are Pre-Assembled Off-Site & Delivered to the Project	1				
	25% of Total Square Footage				2	
	50% of Total Square Footage				2	
	75% of Total Square Footage or More				2	
	3. Construction Indoor Air Quality (IAQ) Management Plan					
	a. An IAQ Management Plan is Written & Followed for the Project	L		2		
CSTR	UCTURE		Do	ssible Po	inte	
C. SIK	1. Recycled Aggregate	L	ru:	Sible FU	ii Ilo	
	a. Minimum 25% Recycled Aggregate (Crushed Concrete) for Fill, Backfill & Other Uses		1	***************************************	1	
	2. Recycled Flyash in Concrete	I	1			£
	a. Flyash or Slag is Used to Displace a Portion of Portland Cement in Concrete					
	20%				1	
	30% or More		1	***************************************	1	

04	SANTA FE AVE ALBANY, CA 94706-2120	Community	Energy	AQ/Health	Resources	Motor
	3. FSC-Certified Wood for Framing Lumber					
	a. FSC-Certified Wood for a Percentage of All Dimensional Studs:					
	40%				2	
	70%				2	
	b. FSC-Certified Panel Products for a Percentage of All Sheathing (OSB & Plywood):					
	40%	-			1	
✓	70%				1	
	4. Engineered Lumber or Steel Studs, Joists, Headers & Beams					
1	a. 90% or More of All Floor & Ceiling Joists				1	
	b. 90% or More of All Studs				2	
5	c. 90% or More of All Headers & Beams				2	
	5. Optimal Value Engineering Framing					
-						
7	a. Studs at 24" Centers on Top Floor Exterior Walls &/or All Interior Walls	-			1	
<b>√</b>	b. Door & Window Headers Sized for Load	-			1	
7	c. Use Only Jack & Cripple Studs Required for Load				1	
_	6. Steel Framing	-	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
	a. Mitigate Thermal Bridging by Installing Exterior Insulation (At Least 1-Inch of Rigid Foam)	1	2			
	7. Structural Insulated Panels (SIPs) Or Other Solid Wall Systems					
	a. SIPs Or Other Solid Wall Systems are Used for 80% of All:					
	Floors		2		2	
	Walls		2		2	
	Roofs		2		2	
	8. Raised Heel Roof Trusses					-
	a. 75% of All Roof Trusses Have Raised Heels		1			
	9. Insulation					£
✓	a. All Ceiling, Wall & Floor Insulation is 01350 Certified OR Contains No Added Formaldehyde			1		
	b. All Ceiling, Wall & Floor Insulation Has a Recycled Content of 50% or More	en anno anno anno anno anno anno anno an			1	
	10. Durable Roofing Options				-	
	a. Required: No Shingle Roofing OR All Shingle Roofing Has 3-Yr Subcontractor Guarantee & 20-Yr Manufacturer Warranty	Г			R	
7	b. All Sloped Roofing Materials Carry a 40-Year Manufacturer Warranty				1	
	Ail Sloped Rooling Materials Carry a 40-rear manufacturer warranty     Moisture Shedding & Mold Avoidance	1				
					А	_
	a. Building(s) Include a Definitive Drainage Plane Under Siding	-			4	
7	b. Bathroom Fans are Supplied in All Bathrooms, Are Exhausted to the Outdoors & Are Equipped with Controls				1	
<b>/</b>	c. A Minimum of 80% of Kitchen Range Hoods Are Vented to the Exterior			1		
	12. Green Roofs					
_	a. A Portion of the Low-Slope Roof Area is Covered By A Vegetated or "Green" Roof	P				,
	25%	2				
	50% or More	2				
SYS	TEMS	1	Pos	ssible Po	ints	
_	1. Passive Solar Heating					
<b>/</b>	a. Orientation: At Least 40% of the Units Face Directly South		2			
	b. Shading On All South-Facing Windows Allow Sunlight to Penetrate in Winter, Not in Summer		1			
	c. Thermal Mass: At Least 50% of the Floor Area Directly Behind South-Facing Windows is Massive		2			
	2. Radiant Hydronic Space Heating					
	a. Install Radiant Hydronic Space Heating for IAQ purposes (No Forced Air) in All Residences			2		
	3. Solar Water Heating					
	a. Pre-Plumb for Solar Hot Water		1			
	b. Install Solar Hot Water System for Preheating DHW		4			
	4. Air Conditioning with Advanced Refrigerants					-
	a. Install Air Conditioning with Non-HCFC Refrigerants	1				
	5. Advanced Ventilation Practices					
	Perform the Following Practices in Residences:					
	a. Infiltration Testing by a C-HERS Rater for Envelope Sealing & Reduced Infiltration		2			
		1	6			
7			1	1		
<b>√</b>	b. Operable Windows or Skylights Are Placed To Induce Cross Ventilation (At Least One Room In 80% of Units)		1	1		
777			1	1		

)4	SANTA FE AVE ALBANY, CA 94706-2120	Community	Energy	IAQ/Health	Resources	Water
	7. Low-Mercury Lamps					
	a. Low-Mercury Products Are Installed Wherever Linear Fluorescent Lamps Are Used				1	
	b. Low-Mercury Products Are Installed Wherever Compact Fluorescent Lamps Are Used	A			2	
	8. Light Pollution Reduction				<u> </u>	-
	a. Exterior Luminaires Emit No Light Above Horizontal OR Are Dark Sky Certified	1				
ī	b. Control light Trespass Onto Neighboring Areas Through Appropriate Fixture Selection & Placement	1				
_	9. Onsite Electricity Generation		<u> </u>			<u> </u>
7	a. Pre-Wire for Photovoltaics & Plan for Space (Clear Areas on Roof & in Mechanical Room)				1	T
	b. Install Photovoltaics to Offset a Percent of the Project's Total Estimated Electricity Demand		1		-	
7	10%	2	2			
]	20%	2	2			ļ
_						-
	30% or more	2	2			
	c. Educational Display is Provided in a Viewable Public Area	1				
_	10. Elevators					-
]	a. Gearless Elevators Are Installed		1			
	11. ENERGY STAR® Appliances					
	a. Install ENERGY STAR Refrigerators in All Locations					
	ENERGY STAR-Qualified		1			
	ACEEE-Listed Refrigerators		1			
	b. Install ENERGY STAR Dishwashers in All Locations	48				
	All Dishwashers Are ENERGY STAR-qualified		1			
	Residential-grade Dishwashers Use No More than 6.5 Gallons Per Cycle		1			1
	c. Install ENERGY STAR Clothes Washers In All Locations		1	****************		2
2	d. Install Ventless Natural Gas Clothes Dryers in Residences	AND THE PERSON NAMED AND THE P	-	1		-
	12. Central Laundry				I	-
	a. Central Laundry Facilities Are Provided for All Occupants				1	
	13. Water-Efficient Fixtures					1
/	a. All Showerheads Use 2.0 Gallons Per Minute (gpm) or Less		1			1
	b. High-Efficiency Toilets Use 1.28 gpf or Less or Are Dual Flush		1 1		<u> </u>	
/	In All Residences					3
			-			·
/	In All Non-Residential Areas					3
_	c. Install High Efficiency Urinals (0.5 gpf or less) or No-Water Urinals Wherever Urinals Are Specified:		<del></del>			-
	Average flush rate is 0.5 gallons per flush or less					1
7	Average flush rate is 0.1 gallons per flush or less					1
	d. Flow Limiters Or Flow Control Valves Are Installed on All Faucets					
	Residences: Kitchen - 2.0 gpm or less		###			##
	Non-Residential Areas: Kitchen - 2.0 gpm or less		###			##
	Residences: Bathroom Faucets- 1.5 gpm or less		###			##
]	Non-Residential Areas: Bathroom Faucets - 1.5 gpm or less	***************************************	###			##
ī	e. Non-Residential Areas: Install Pre-Rinse Spray Valves in Commercial Kitchens - 1.6 gpm or less					1
	14. Source Water Efficiency					
٦	a. Use Recycled Water for Landscape Irrigation or to Flush Toilets/Urinals					2
7	b. Use Captured Rainwater for Landscape Irrigation or to Flush 5% of Toilets &/or Urinals					4
	c. Water is Submetered for Each Residential Unit & Non-Residential Tenant	***************************************				4
	C. Water is Submitted on Lauri Nesidential Only & North Condential Ferlant					1 7
	UGHEC AND ELIDNICHINGS		Poo	sible Po	inte	
	NISHES AND FURNISHINGS		FUS	ssible FC	all 165	
7	Construction Indoor Air Quality Management     a. Perform a 2-Week Whole Building Flush-Out Prior to Occupancy			1		T
				1		
7	2. Entryways			-4		1
	a. Provide Permanent Walk-Off Mats and Shoe Storage at All Home Entrances			1		
7	b. Permanent Walk-Off Systems Are Provided at All Main Building Entrances & In Common Areas			1		
	3. Recycling & Waste Collection					
$\neg$	a Pacidanaca: Pravida Puilt In Pagualina Contor In Each Unit	1	1		~	1

a. Residences: Provide Built-In Recycling Center In Each Unit

904	SANTA FE AVE ALBANY, CA 94706-2120	Community	Energy	IAQ/Health	Resources	Water
•	4. Use Low/No-VOC Paints & Coatings					
	a. Low-VOC Interior Paints (<50 gpl VOCs (Flat) and <150 gpl VOCs (Non-Flat))					
	In All Residences			###		
	In All Non-Residential Areas:			###		
	b. Zero-VOC: InteriorPaints (<5 gpl VOCs (Flat))					
	In All Residences			###		
	In All Non-Residential Areas:			###		
	c. Low-VOC Wood Coatings (<250 gpl VOCs)					
	In All Residences			###		
	In All Non-Residential Areas:			###		
	d. Low-VOC Wood Stains (<250 gpl VOCs)					
	In All Residences			#,##		
	In All Non-Residential Areas:			###		
	5. Use Recycled Content Exterior Paint					
	a. Use Recycled Content Paint on 50% of All Exteriors				1	
	6. Low-VOC Construction Adhesives					
	a. Use Low-VOC Construction Adhesives (<70 gpl VOCs) for All Adhesives			1		
	7. Environmentally Preferable Materials for Interior Finish					
	Use Environmentally Preferable Materials for Interior Finish: A) FSC-Certified Wood, B) Reclaimed Lumber, C) Rapidly Renewa	able D) Recycl	ed-Conten	t or E) Fir	ger-Jointe	ed
	a. Residences: At Least 50% of Each Material:					
	i. Cabinets				###	
	ii. Interior Trim				###	
	iii. Shelving				###	
	iv. Doors				###	***************************************
	v. Countertops				###	
	b. Non-Residential Areas: At Least 50% of Each Material:					***************************************
	i. Cabinets				###	
	ii. Interior Trim				###	
	iii. Shelving				###	******************
	iv. Doors				###	
	v. Countertops				###	
	8. Reduce Formaldehyde in Interior Finish Materials					
	Reduce Formaldehyde in Interior Finish Materials (Section 01350) for At Least 50% of Each Material Below:					
	a. Residences:					
	i. Cabinets			###		
	ii. Interior Trim			###		
	iii. Shelving			###		
	iv. Subfloor			###		
	b. Non-Residential Areas:			77 77 77		
	i. Cabinets			###		
	ii. Interior Trim	ACCUSATION OF THE SECOND		###		
	iii. Shelving			###		
	iv. Subfloor			###		
	9. Environmentally Preferable Flooring			###		
	Use Environmentally Preferable Flooring: A) FSC-Certified or Reclaimed Wood, B) Rapidly Renewable Flooring Materials, C) I	Recycled-Cont	ent Ceram	ic Tiles, D	) Expose	d
	Concrete as Finished Floor or E) Recycled-Content Carpet. Note: Flooring Adhesives Must Have <50 gpl VOCs.					
	a. Residences:					
	i. Minimum 15% of Floor Area				###	
	ii. Minimum 30% of Floor Area				###	
	iii. Minimum 50% of Floor Area	TOTAL CONTRACTOR CONTR			###	
	iv. Minimum 75% of Floor Area				###	
	b. Non-Residential Areas:					
	i. Minimum 15% of Floor Area				###	
	ii. Minimum 30% of Floor Area				###	
	iii. Minimum 50% of Floor Area	-			###	
	iv. Minimum 75% of Floor Area		t	*****************	###	
	10. Low-Emitting Flooring					
	a. Residences: Flooring Meets Section 01350 or CRI Green Label Plus Requirements (50% Minimum)			###		
	b. Non-Residential Areas: Flooring Meets Section 01350 or CRI Green Label Plus Requirements (50% Minimum)			###		

104	SANTA FE AVE ALBANY, CA 94706-2120	Community	Energy	IAQ/Health	Resources	Water
	11. Durable Cabinets		J		J	J
	Install Durable Cabinets in All:					
	a. Residences				###	
	b. Non-Residential Areas				###	
	12. Furniture & Outdoor Play Structures				_	
	a. Play Structures & Surfaces Have an Overall Average Recycled Content Greater Than 20%				1	
Ш	b. Environmentally Preferable Exterior Site Furnishings				1	
	c. At Least 25% of All newly Supplied Interior Furniture has Environmentally Preferable Attributes			1		
	13. Vandalism Deterrence					
<b>V</b>	a. Project Includes Vandalism Resistant Finishes and Strategies	1 1				
TO.	HER	1	Po	ssible Po	oints	
	1. Incorporate GreenPoint Checklist in Blueprints					
<b>√</b>	a. Required: Incorporate GreenPoint Checklist in Blueprints	Y				
	2. Operations & Maintenance Manuals					-
Н	a. Provide O&M Manual to Building Maintenance Staff		1		-	
Ш	b. Provide O&M Manual to Occupants		1			1
	3. Transit Options					3
	a. Residents Are Offered Free or Discounted Transit Passes	2				
	4. Educational Signage				-	-
	a. Educational Signage Highlighting & Explaining the Project's Green Features is Included	1		***************************************		
	5. Vandalism Management Plan a. Project Includes a Vandalism Management Plan for Dealing with Disturbances Post-Occupancy	1				
	<b>6. Innovation:</b> List innovative measures that meet the green building objectives of the Multifamily Guidelines. Enter up to a 4 Poin local jurisdiction or GreenPoint rater.	ts in each	category. I	Points will	l be evalua	ated by
0	Innovation in Community: Enter up to 4 Points at left. Enter description here					
0	Innovation in Energy: Enter up to 4 Points at left. Enter description here					
0	Innovation in IAQ/Health: Enter up to 4 Points at left. Enter description here					
0	Innovation in Resources: Enter up to 4 Points at left. Enter description here					
0	Innovation in Water: Enter up to 4 Points at left. Enter description here					
un	amary.					
un	nmary  Points Achieved from Specific Categories	21	###	7	q	1.0
un	Points Achieved from Specific Categories	21	###		1	1
Bun		21	I	7 <b>VALU</b>	1	1
	Points Achieved from Specific Categories  Current Point Total	21	I		1	1
8un ###	Points Achieved from Specific Categories  Current Point Total	21	I		1	1
<b>##</b> #;	Points Achieved from Specific Categories  Current Point Total	21	I		1	1
<b>!##!</b> #################################	Points Achieved from Specific Categories  Current Point Total	21	I		1	1