

Project Address:
 Project Square Footage:
 Designer Name:
 Builder Name:

	Points Earned	Community	Energy	IAQ/Health	Resources	Water	Review Agency	Item Completed Applicant Initials	SC = Self Certified
									I = Inspect C/O = Certificate of Occupancy CSMP = Construction Site Management Plan

F. Structural Frame & Building Envelope									
Possible Points									
<input type="checkbox"/> 1. Design Energy Heels on Trusses (120% of Attic Insulation Height at Outside Edge of Exterior Wall)	M		M				Bldg.		D & O
<input type="checkbox"/> 2. Low-VOC Caulk and Construction Adhesives (<70 gpl VOCs) used for All Adhesives	M			M			None		SC & O
<input type="checkbox"/> 3. Structure Wrapped with an Exterior Drainage Plane Barrier to Manufacturer's Specifications	M		M				Bldg.		D & O
<input type="checkbox"/> 4. Sill Plate Sealed with Foam Sill Sealer	M		M				Bldg.		O
<input type="checkbox"/> 5. Simple Footprint							Bldg.		D & O
a. 10 Corners or Less			1		1				
b. 8 Corners or Less			2		2				
c. 6 Corners or Less			3		3				
d. 4 Corners or Less			4		4				
<input type="checkbox"/> 6. Building Envelope Dimensions in 2 Foot Increments					1		Bldg.		D
<input type="checkbox"/> 7. All Framing Members Shown on Drawings in Plan and Section for Advanced Framing					1		Bldg.		D
<input type="checkbox"/> 8. Design Roof Trusses to Accommodate Ductwork Under Insulation			1				Bldg.		D & O
<input type="checkbox"/> 9. Materials Manufactured Regionally/Locally							Bldg.		D @ C/O w/receipt
a. 20% within 500 miles of Routt County					2				
And/Or b. 20% from Routt County		2			2				
<input type="checkbox"/> 10. Optimal Value Engineering or Advanced Framing (Min. 3 Points)							Bldg.		D & O
a. All roof and floor loads stacked over studs					1				
b. 2x6 Studs at 24-Inch On Center Framing					1				
c. Two-stud Insulated Corners			2						
d. Door and Window Headers Sized for Load					0.5				
e. Insulated headers (R-10 min.) installed on all exterior walls			2						
f. Use Only Jack and Cripple Studs Required for Load					0.5				
g. Trusses replacing rafters for 90% of roof area					2				
h. Insulate partition wall intersections during construction			2						
i. Ladder blocking for partition intersections					1				
<input type="checkbox"/> 11. Salvaged or Reclaimed Structural Materials							Bldg.		D @ C/O w/receipt
a. 5% of the structural materials					2				
OR b. 10% of the structural materials					3				
<input type="checkbox"/> 12. Engineered Lumber for 90% of Framing							Bldg.		D @ C/O w/receipt
a. Beams and Headers					2				
b. Wood I-Joists or Web Trusses for Floors					1				
c. Wood I-Joists for Roof Rafters					2				
d. Engineered or Finger-Jointed Studs for Vertical Applications					1				
<input type="checkbox"/> 13. Beetle Kill Pine Salvaged Wood for Studs		2				3	Bldg.		D @ C/O w/receipt
<input type="checkbox"/> 14. FSC-Certified Wood							Bldg.		D @ C/O w/receipt
a. Dimensional Studs: Minimum 40%					2				
b. Dimensional Studs: Minimum 70%					3				
c. Panel Products: Minimum 40%					2				
d. Panel Products: Minimum 70%					3				
<input type="checkbox"/> 15. Solid Wall Systems (Includes SIPs, ICFs, & Any Non-Stick Frame Assembly)							Bldg.		D & I
a. Floors			7						
b. Walls			8						
c. Roofs			9						
<input type="checkbox"/> 16. OSB for Subfloor					1		Bldg.		D & O
<input type="checkbox"/> 17. OSB for Sheathing					1		Bldg.		D & O
<input type="checkbox"/> 18. Install a Rain Screen Wall System					2		Bldg.		D & O
<input type="checkbox"/> 19. Roof Design Includes Overhang							Bldg.		D & O
a. Minimum 24-Inch Overhang					1				
b. Minimum 30-Inch Overhang					2				
<input type="checkbox"/> 20. Recycled-Content Steel Studs used for 90% of Interior Wall Framing Only					2		Bldg.		D & O
<input type="checkbox"/> 21. All Closet Headers Flat Framed					1		Bldg.		D & O
Total Points Possible in Structural Frame & Building Envelope = 86									
	0								

G. Exterior Finish									
Possible Points									
<input type="checkbox"/> 1. Select Durable and Non-Combustible ≥ 40 year Roofing Materials	M				M		Bldg.		D & O
<input type="checkbox"/> 2. Recycled-Content (No Virgin Plastic) Decking for all non-structural Decking					3		Bldg.		D @ C/O w/receipt
<input type="checkbox"/> 3. FSC-Certified Wood Decking					2		None		D @ C/O w/receipt
<input type="checkbox"/> 4. Durable and Non-Combustible Siding Materials used on over 50% of Wall Surfaces					2		Bldg.		D & O
<input type="checkbox"/> 5. FSC Certified Cedar Shakes					1		None		D @ C/O w/receipt
<input type="checkbox"/> 6. Beetle Kill Pine Salvaged Wood for Siding		1			1		None		D @ C/O w/receipt
<input type="checkbox"/> 7. Stone Exterior Finish Quarried within 500 Mile Radius		1			2		None		D @ C/O w/receipt
<input type="checkbox"/> 8. Reclaimed Exterior Trim/Siding					1		None		D @ C/O w/receipt
<input type="checkbox"/> 9. Recycled Content Roofing for 50-100% of Roof							None		D @ C/O w/receipt
a. Recycled Content					1				
OR b. 75% Recycled Steel Roofing					2				
<input type="checkbox"/> 10. Vegetated Roof for 20% or More of Roof Area					5		None		D & O
<input type="checkbox"/> 11. Recycled and/or Recovered-content Fascia, Soffit and Trim					1		None		D @ C/O w/receipt

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12. Fiber Cement Fascia and Soffit

Total Points Possible in Exterior Finish = 19

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								D & O
0								

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H. Windows and Doors								
Possible Points								
<input type="checkbox"/> 1. Design Entry with Airlock			2				Bldg.	D & O
<input type="checkbox"/> 2. R-5 Insulated Exterior Doors			2				Bldg.	D & O
<input type="checkbox"/> 3. Recycled and/or Recovered Content Interior Doors (100%)					1		None	D @ C/O w/receipt
<input type="checkbox"/> 4. Insulating Window Shades Installed (> 75% of all exterior windows R-3 or higher)			1				None	D @ C/O w/receipt
Total Points Possible in Windows and Doors = 6								
	0							
I. Plumbing								
Possible Points								
<input type="checkbox"/> 1. Install R-15 Insulated Tank Water Heaters If Tank Heaters are Used	M		M				Bldg.	D & O
<input type="checkbox"/> 2. Distribute Domestic Hot Water Efficiently (Min 3 pts)							Bldg.	D & O
a. Insulate All Hot Water Pipes with R-6 or better			1					
b. Insulate Cold Water Pipes 8 feet from the Water Heater with R-6 Insulation			1					
c. Use Central Core Plumbing (trunk and branch)						1		
d. Use Structured Plumbing with Recirculation Loop and On Demand Pump			2					
e. Use Engineered Parallel Piping						3		
And/Or								
OR								
<input type="checkbox"/> 3. Drain Waste Heat Recovery System			2				Bldg.	D & O
<input type="checkbox"/> 4. Install Only High Efficiency Toilets (Dual-Flush or 1.3 gpf)						3	None	D & O
<input type="checkbox"/> 5. Composting Toilets						5	Bldg.	D & O
<input type="checkbox"/> 6. ≤2.0 gpm or Less Showerheads Installed						3	None	SC & O
<input type="checkbox"/> 7. Grey Water Reuse for Toilets						3	Bldg.	D & O
<input type="checkbox"/> 8. Side-arm Hot Water Heater			1				None	D & O
<input type="checkbox"/> 9. Faucets Fitted with Aerator Restricting Flow to 2.0 gpm						1	None	SC & O
<input type="checkbox"/> 10. Install Real Time Water Use Read Out						5	None	D & O
Total Points Possible in Plumbing = 28								
	0							
J. Heating, Ventilation & Air Conditioning								
Possible Points								
<input type="checkbox"/> 1. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard)	M		M				None	D & O
<input type="checkbox"/> 2. Ground-source Heat Pump			5				Bldg.	D & O
<input type="checkbox"/> 3. Install Zoned, Hydronic Radiant Heating with Slab Edge Insulation			3				Bldg.	D & O
<input type="checkbox"/> 4. Install Sealed Combustion Units							Bldg.	D & O
a. Furnaces			2					
b. Water Heaters			2					
c. Boilers			2					
And/Or								
OR								
<input type="checkbox"/> 5. Mechanical Equipment Centrally Located			1				Bldg.	D & O
<input type="checkbox"/> 6. Sealed Mechanical Room for Non-sealed Combustion Units			1				Bldg.	D & O
<input type="checkbox"/> 7. Install High Efficiency HVAC Filter (MERV 6-13)			1				Bldg.	D & O
<input type="checkbox"/> 8. Gas Fireplaces							Bldg.	D & O
a. None			2					
b. Install Sealed Gas Fireplaces with Efficiency Rating Exceeding 60%			1					
<input type="checkbox"/> 9. Install Effective Exhaust Systems in Bathrooms and Kitchens							Bldg.	D & O
a. Install ENERGY STAR® Bathroom Fans Vented to the Outside			1					
b. All Bathroom Fans Are on Timer or Humidistat			2					
c. Install Kitchen Range Hood Vented to the Outside			1					
<input type="checkbox"/> 10. Install Mechanical Fresh Air Ventilation System (Maximum 3 Points)							Bldg.	D & O
a. Install Whole House Fan with Variable Speeds			1					
b. Automatically Controlled Integrated Ventilation System			2					
c. Automatically Controlled Integrated System with Variable Speed Control			3					
d. Any Whole House Ventilation System That Meets ASHRAE 62.2			2					
e. Install Air-to-Air Heat Exchanger that meets ASHRAE 62.2			3					
Total Points Possible in Heating, Ventilation & Air Conditioning = 23								
	0							

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K. Electrical								
Possible Points								
<input type="checkbox"/> 1. Exterior Lighting Minimized (5500 lumens or less) to Meet International Dark Sky Association Standard for Nighttime Light Pollution	M	M					Plan	SC & O
<input type="checkbox"/> 2. Hard-wired Fixtures are Supplied with ENERGY STAR®-qualified Self-ballasted CFLs Prescriptive Path: a. 10% of all installed fixtures are supplied with bulbs that meet the requirement b. 20% of all installed fixtures are supplied with bulbs that meet the requirement	M		M	3			None	SC & O
<input type="checkbox"/> 3. Lighting Efficiency Packages Prescriptive Path: a. 50% of total number of fixtures in interior rooms are ENERGY STAR®-qualified b. 50% of total number of outdoor fixtures are ENERGY STAR®-qualified OR Prescriptive or Performance Path: c. Comply with the ENERGY STAR® Advanced Lighting Package (ALP)			2	2			None	SC & O
<input type="checkbox"/> 4. Natural Day Lighting a. Design for high use rooms to be on the South facing side of home b. Design for medium/low use rooms to be on North side of home			2	2			Bldg.	D & O
<input type="checkbox"/> 5. Light Tubes (Points per light tube, Max 6 points)			2				Bldg.	D & O
<input type="checkbox"/> 6. Efficient Light Controls a. Install dimmers b. Install motion detecting light switches			1	1			None	O
<input type="checkbox"/> 7. LED Lighting			2				None	SC & O
<input type="checkbox"/> 8. Real-time Electrical Read Out			5				None	D & O
Total Points Possible in Electrical = 27								
	0							
L. Insulation								
Possible Points								
<input type="checkbox"/> 1. Inspect Quality of Insulation Installation before Applying Vapor Barrier	M	M					3rd party	I
<input type="checkbox"/> 2. Install Batt Insulation with no Added Formaldehyde (> 50% of all insulation) a. Walls and/or Floors b. Ceilings			2	2			3rd party	I
<input type="checkbox"/> 3. Install Insulation with 75% Recycled Content a. Walls b. Ceilings			2	2			None	D @ C/O w/receipt
<input type="checkbox"/> 4. Blown/Sprayed Insulation ≥ 50% of all insulation a. Walls b. Ceilings			2	2			3rd party	I
<input type="checkbox"/> 5. HCFC-free Rigid Foam Insulation			2				3rd party	SC
Total Points Possible in Insulation = 10								
	0							
M. Renewable Energy								
Possible Points								
<input type="checkbox"/> 1. Sun tempered Design			2				Bldg.	D & O
<input type="checkbox"/> 2. Passive Solar Space Heating That Includes: A) South facing glazing, B) Properly sized overhangs and C) Installation of appropriately sized thermal mass for glazing a. ≥10% of Home Heating Load b. ≥25% of Home Heating Load c. ≥40% of Home Heating Load			4	8	12		Bldg.	D & O
<input type="checkbox"/> 3. Passive cooling a. Vertical shading devices for east and west-facing glass And/Or b. Reflective films on east and west-facing glass or use windows with a SHGC of less than 0.45 And/Or c. Radiant heat-reflective barriers installed in attic			1	1	1		Bldg.	D & O
<input type="checkbox"/> 4. Provide 200ft² of South-Facing Roof			1				Bldg.	D & O
<input type="checkbox"/> 5. Pre-Plumb for Solar Hot Water Heating			2				Bldg.	D & O
<input type="checkbox"/> 6. Install Wiring Conduit for Future Photovoltaic Installation			2				Bldg.	D & O
<input type="checkbox"/> 7. Install Solar Water Heating System			10				Bldg.	D & O
<input type="checkbox"/> 8. Install Photovoltaic (PV) Panels a. 30% of electric needs OR 1.2 kw b. 60% of electric needs OR 2.4 kw c. 90% of electric need OR 3.6 kw			4	6	8		Bldg.	D & O
<input type="checkbox"/> 9. Purchase of 100% Renewable Power a. Local/Other Utility b. Generated Within Routt County			2	6			Bldg.	D @ C/O w/receipt
<input type="checkbox"/> 10. Pellet Stove (rated for 2.0 grams per hour of particulate or less)			1				Bldg.	D @ C/O w/receipt
Total Points Possible in Renewable Energy = 40								
	0							

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N. Flooring								
Possible Points								
<input type="checkbox"/> 1. Flooring Adhesives Have <70 gpl VOCs.	M			M			None	SC & O
<input type="checkbox"/> 2. Leave Concrete Exposed as Finished Floor							None	SC & O
a. Minimum 15% of Floor Area					2			
b. Minimum 30% of Floor Area					3			
c. Minimum 50% of Floor Area					4			
<input type="checkbox"/> 3. 90% Recycled-content Ceramic Tile						1	Bldg.	D @ C/O w/receipt
<input type="checkbox"/> 4. 90% Natural Stone Tile from within a 500 Mile Radius						1	Bldg.	D @ C/O w/receipt
<input type="checkbox"/> 5. Stone or Ceramic Tile Installed with Plasticizer-free Grout				1			Bldg.	D @ C/O w/receipt
<input type="checkbox"/> 6. Natural Linoleum				1			Bldg.	D @ C/O w/receipt
<input type="checkbox"/> 7. FSC-Certified Wood Flooring						2	Bldg.	D @ C/O w/receipt
<input type="checkbox"/> 8. Wood Flooring							Bldg.	D @ C/O w/receipt
a. From Reused, Reclaimed or Re-milled Source:						1		
b. From Reused, Reclaimed or Re-milled Sources within 500 Mile Radius						2		
<input type="checkbox"/> 9. Beetle Kill Pine Salvaged Wood Floor (25% minimum)						4	Bldg.	D @ C/O w/receipt
<input type="checkbox"/> 10. Rapidly Renewable Flooring							Bldg.	D @ C/O w/receipt
a. Natural Cork						1		
b. Bamboo						1		
<input type="checkbox"/> 11. Natural or Recycled-content Carpet Pad Made from Textile, Carpet, or Carpet Cushion						1	Bldg.	D @ C/O w/receipt
<input type="checkbox"/> 12. Recycled-content Carpet						1	Bldg.	D @ C/O w/receipt
<input type="checkbox"/> 13. Carpeting Meets CRI Green Label Plus Requirements (50% Minimum)						2	Bldg.	D @ C/O w/receipt
<input type="checkbox"/> 14. Natural Fiber Carpet Made with Natural Latex rather than SB (styrene-butadiene) Latex Backing						3	Bldg.	D @ C/O w/receipt
Total Points Possible in Flooring = 22								
	0							
O. Finishes								
Possible Points								
<input type="checkbox"/> 1. Low-VOC Caulk and Construction Adhesives (<70 gpl VOCs) used for All Adhesives	M			M			None	SC & O
<input type="checkbox"/> 2. Design Entryways to Reduce Tracked in Contaminants				1			Bldg.	D & O
<input type="checkbox"/> 3. Elimination of All Particleboard and MDF Inside Building Envelope							None	SC & O
a. Subfloor				1				
b. Stair Treads				0.5				
c. Cabinets				1				
d. Countertop Substrate				1				
e. Interior Trim				0.5				
f. Shelving				1				
<input type="checkbox"/> 4. Environmentally Preferable Materials used for Interior Finish: A) FSC-Certified Wood, B) Reclaimed (within a 500 mile radius), C) Rapidly Renewable, D) Recycled-Content E) Finger-Jointed, or F) Beetle Kill Pine							None	D @ C/O w/receipt
a. Cabinets (50% Minimum)						1		
b. Interior Trim (50% Minimum)						1		
c. Shelving (50% Minimum)						1		
d. Doors (50% Minimum)						1		
e. Countertops (50% Minimum)						1		
<input type="checkbox"/> 5. All Particleboard Sealed with 2 Coats of Sealer				1			None	SC
<input type="checkbox"/> 6. 100% Agricultural Waste Board							None	D @ C/O w/receipt
a. countertops				1	1			
b. cabinets				1	1			SC & D
c. shelving				1	1			SC & D
<input type="checkbox"/> 7. 90% Recycled-content Ceramic Tile (non-flooring)						1	None	SC & D
<input type="checkbox"/> 8. 90% Natural Stone from within 500 Mile Radius (non-flooring)						1	None	SC & D
<input type="checkbox"/> 9. Low VOC, Water-Based Wood Finishes (<250 gpl VOCs) used on All Wood Finished Surfaces				2			None	SC & O
<input type="checkbox"/> 10. Low-VOC or Zero-VOC Paint used on All Painted Surfaces							None	SC & O
a. Low-VOC Interior Wall/Ceiling Paints (<50 gpl VOCs (Flat) and <150 gpl VOCs (Non-Flat))				1				
b. Zero-VOC Interior Wall/Ceiling Paints (<5 gpl VOCs (Flat))				2				
<input type="checkbox"/> 11. After Installation of Finishes, Test of Indoor Air Shows Formaldehyde Level <27 ppb							3rd party	D @ C/O
Total Points Possible in Finishes = 23								
	0							

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P. Landscaping									
Possible Points									
<input type="checkbox"/> 1. Fire-Safe Landscaping Techniques per FireWise							Fire		O
a. No surface vegetation within 15 feet of building	1								
b. Thinning of fuels surrounding home	1								
c. Ladder fuels removed up at least 6 feet from the ground	1								
d. Defensible space around home	1								
Passive Solar Landscape Design							Plan		O
<input type="checkbox"/> 2. Plant Shade Trees									
a. All New Plants Have Trunk, Base, or Stem Located At Least 36 Inches from Foundation			2						
And b. Landscaping that Shades 75% of East and West Facing Glazing During the Summer Season (June-August)			2						
<input type="checkbox"/> 3. Design Vegetative Wind Breaks or Channel as Appropriate to Local Conditions			2						
Xeriscaping							Plan		O
<input type="checkbox"/> 4. Addition of Compost to and Aeration of Soil						1			
<input type="checkbox"/> 5. Compost from Local Landfills					1				
<input type="checkbox"/> 6. Mulch All Planting Beds to the Greater of 2 Inches						1			
<input type="checkbox"/> 7. Construct Water-Efficient Landscapes							None		SC & O
a. No Invasive Species Are Planted	M					M			
b. 75% of Plants Are Native species						2			
<input type="checkbox"/> 8. Group Plants by Water Needs (Hydrozoning)						2	None		SC
<input type="checkbox"/> 9. Minimize Turf Areas in Landscape Installed by Builder							Plan		D @ C/O w/receipt
a. All Turf Will Have a Water Requirement Less than or Equal to Tall Fescue, Buffalo Grass, Blue Gama	M					M			
b. Turf Shall Not Be Installed on Slopes Exceeding 10% or in Areas Less than 8 Feet Wide						1			
c. Turf is ≤33% of Landscaped Area (Not to Exceed Footprint of Home)						2			
d. Turf is ≤10% of Landscaped Area (Not to Exceed Footprint of Home)						3			
<input type="checkbox"/> 10. Install High-Efficiency Irrigation Systems							Plan		SC & O
a. System Uses Only Low-Flow Drip, Bubblers, or Low-Flow Sprinklers	M					M			
b. Rain sensor installed on irrigation system						1			
OR c. System Has Smart (Weather-Based) Controllers						1			
<input type="checkbox"/> 11. Site-rock Reclaimed							None		SC & O
a. Reused on Site						1			
b. All Rock Kept on Site						2			
<input type="checkbox"/> 12. 50% Salvaged or Recycled-Content Materials used for 50% of Non-Plant Landscape Elements					2		None		SC/O
Total Points Possible in Landscaping = 27							0		
Q. Innovation									
Possible Points									
<input type="checkbox"/> 1. Alternative Fuel Infrastructure for Vehicle Use							Bldg.		D & O
<input type="checkbox"/> 2. Innovation By Design							Bldg.		D & O
Total Points Possible in Innovation = 10							0		

Total Points Possible = 444

PROJECT SCORING TOTAL 0

By my signature, I certify that I do not wish to proceed in accordance with the Green Building Program Guidelines.
X
Home Builder/Applicant Signature and Date
or
By my signature, I certify that I wish to proceed with the program and will perform all Action Items checked above in accordance with the Green Building Program Guidelines.
X
Home Builder Signature and Date
and
By my signature, I certify that I have performed all Action Items checked above in accordance with the Green Building Program Guidelines. (to be signed at time of C.O.)
X
Home Builder Signature and Date