

# New Homes Checklist

## Steamboat Springs/Routt County

Owner Name: McFarlane (Home Ranch LLC)  
 Site Address: 27315 Home Ranch Rd. Routt County, CO.  
 Square Feet: 5900 sq.ft.

Designer: Joe Patrick Robbins, A.I.A.

Builder: Paul Stoll (Snake River Construction)

**158 PROJECT SCORING TOTAL**

Verification
D = Documented on plans/specifications
O = Observed construction
SC = Self Certified
I = Inspect
C/O = Certificate of Occupancy
CSMP = Construction Site Management Plan

		Points Earned	Community	Energy	IAQ/Health	Resources	Water	Review Agency	Item Completed Applicant Initials	
<b>A. Energy</b>		<b>M = Mandatory</b>								
		<b>Possible Points</b>								
<input type="checkbox"/>	1. Meet ENERGY STAR® Performance Path Requirements							3rd party		D & I
	a. Complete the ENERGY STAR® Thermal Bypass Inspection Checklist	M		M						
	b. For each HERS Index below 80 (Maximum 80 points) Insert HERS Index rating here:	80		80						
	Subtotal	0								
<b>OR</b>										
<input type="checkbox"/>	2. Meet ENERGY STAR® Prescriptive Path Requirements (Compliance Only)							3rd party		D & I
	a. Complete the ENERGY STAR® Thermal Bypass Inspection Checklist	M		M						
	b. Build to ENERGY STAR® Builder Option Package (BOP) for climate zone 7	M		M						
Total Points Possible in Energy= 80		0								
<b>B. General Requirements</b>		<b>Possible Points</b>								
<input type="checkbox"/>	1. Incorporate Checklist in Blueprints	M				M		Bldg.		D
<input type="checkbox"/>	2. Develop Homeowner Manual of Green Features/Benefits	M				M		Bldg.		D & C/O
Total Points Possible in General Requirements are Mandatory		M								
<b>C. Site</b>		<b>Possible Points</b>								
<input type="checkbox"/>	1. Protect Native Soil and Minimize Disruption of Existing Plants and Trees	M					M	PWs		D & I @ C/O
<input type="checkbox"/>	2. Erosion Controls During Construction	M					M	PWs		D & O
<input type="checkbox"/>	3. Site is Within 1/4 Mile of Public Transportation or 3/4 of a Mile of a Community Center		4					Plan		D
<input type="checkbox"/>	4. Recycle Green Waste							PWs		D on CSMP & O
	a. On Site	2				2				
	OR b. At Community Compost Center					1				
<input type="checkbox"/>	5. 100% Excavated Topsoil Reused on Site					1		PWs		SC & O
<input type="checkbox"/>	6. Use Recycled Content Aggregate (Minimum 25%)							Bldg.		D @ C/O w/receipt
	a. Walkway and Driveway	1				1				
	b. Roadway Base					1				
<input type="checkbox"/>	7. 35% or More Fly Ash Content in Over 100% of Concrete Used (non foundation)					2		Bldg.		D @ C/O w/receipt
<input type="checkbox"/>	8. Concrete Curing Process does not Include Propane or Additional Energy to Cure			3				PWs		SC & O
<input type="checkbox"/>	9. Pervious Materials							PWs		D
	a. 25-50% of Hardscaped Areas	1					1			
	b. 50-100% of Hardscaped Areas						3			
<input type="checkbox"/>	10. No Fossil Fueled Snowmelt System			5				Bldg.		D & O
<input type="checkbox"/>	11. Engineered/Vegetated Swales to Filter Stormwater Runoff	1					1	PWs		D
Total Points Possible in Site = 23		5								
<b>D. Recycle and Reuse</b>		<b>Possible Points</b>								
<input type="checkbox"/>	1. Deconstruction Plan for Existing Building Demolition	M				M		Plan		D
<input type="checkbox"/>	2. Recycle Job Site Construction Waste							PWs		O
	a. 90% Steel					2				
	b. 90% Wood					2				
	c. 90% Cardboard	2				2				
<input type="checkbox"/>	3. Install Built-In Recycling Center							Bldg.		D & O
	a. Built-In Recycling Center	2				2				
	b. Built-In Composting Center	3				3				
<input type="checkbox"/>	4. Recycled Concrete or Asphalt					1		None		D @ C/O w/receipt
Total Points Possible in Recycle and Reuse = 12		7								
<b>E. Foundation</b>		<b>Possible Points</b>								
<input type="checkbox"/>	1. Pre-Pipe Under Slab for Radon Resistant Construction	M			M			Bldg.		D & I
<input type="checkbox"/>	2. Replace Portland Cement in Concrete with Recycled Flyash (Western coal) in Foundation							Bldg.		D @ C/O w/receipt
	a. Minimum 20% Flyash	M				M				
	b. Minimum 25% Flyash					1				
<input type="checkbox"/>	3. Conditioned Crawlspace	2			2			Bldg.		D & O
<input type="checkbox"/>	4. Insulate Heated Garage Slabs & Perimeter (Min of R10)	2		2				Bldg.		D & O
<input type="checkbox"/>	5. Frost-Protected Shallow Foundation (FPSF)	2		2				Bldg.		D & O
<input type="checkbox"/>	6. Non-asphalt Based Water Proofing	1					1	None		SC & O
Total Points Possible in Foundation = 8		7								

Site Address: 27315 Home Ranch Rd. Routt County, CO.

Square Feet: 5900 sq.ft.

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Points Earned	Community	Energy	IAQ/Health	Resources	Water	Review Agency	Item Completed Applicant Initials
<b>F. Structural Frame &amp; Building Envelope</b>							
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				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				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		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		2				
i. Ladder blocking for partition intersections	1				1		
<input type="checkbox"/> 11. Salvaged or Reclaimed Structural Materials						Bldg.	D @ C/O w/receipt
a. 5% of the structural materials	2				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				2		
b. Wood I-Joists or Web Trusses for Floors	1				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				2		
b. Dimensional Studs: Minimum 70%					3		
c. Panel Products: Minimum 40%					2		
d. Panel Products: Minimum 70%	3				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				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				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				1	Bldg.	D & O
Total Points Possible in Structural Frame & Building Envelope = 86							22
<b>G. Exterior Finish</b>							
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				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				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	3	1			2	None	D @ C/O w/receipt
<input type="checkbox"/> 8. Reclaimed Exterior Trim/Siding	1				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				1	None	D @ C/O w/receipt
<input type="checkbox"/> 12. Fiber Cement Fascia and Soffit					1	Bldg.	D & O
Total Points Possible in Exterior Finish = 19							10

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<b>H. Windows and Doors</b>								
Possible Points								
<input type="checkbox"/> 1. Design Entry with Airlock			2				Bldg.	D & O
<input type="checkbox"/> 2. R-5 Insulated Exterior Doors	2		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		1				None	D @ C/O w/receipt
Total Points Possible in Windows and Doors = 6								3
<b>I. Plumbing</b>								
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		1					
b. Insulate Cold Water Pipes 8 feet from the Water Heater with R-6 Insulation	1		1					
c. Use Central Core Plumbing (trunk and branch)	1				1			
And/Or d. Use Structured Plumbing with Recirculation Loop and On Demand Pump	2		2					
OR e. Use Engineered Parallel Piping						3		
<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					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		1				None	D & O
<input type="checkbox"/> 9. Faucets Fitted with Aerator Restricting Flow to 2.0 gpm	1					1	None	SC & O
<input type="checkbox"/> 10. Install Real Time Water Use Read Out	5					5	None	D & O
Total Points Possible in Plumbing = 28								15
<b>J. Heating, Ventilation &amp; Air Conditioning</b>								
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		3				Bldg.	D & O
<input type="checkbox"/> 4. Install Sealed Combustion Units							Bldg.	D & O
a. Furnaces	2		2					
And/Or b. Water Heaters			2					
OR c. Boilers			2					
<input type="checkbox"/> 5. Mechanical Equipment Centrally Located	1		1				Bldg.	D & O
<input type="checkbox"/> 6. Sealed Mechanical Room for Non-sealed Combustion Units	1		1				Bldg.	D & O
<input type="checkbox"/> 7. Install High Efficiency HVAC Filter (MERV 6-13)	1		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		1					
b. All Bathroom Fans Are on Timer or Humidistat	2		2					
c. Install Kitchen Range Hood Vented to the Outside	1		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		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								15

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<b>K. Electrical</b>										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	
	2		2							
			5							
<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	
	2		2							
<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	
	1		1							
<input type="checkbox"/> 7. LED Lighting	2		2				None		SC & O	
<input type="checkbox"/> 8. Real-time Electrical Read Out			5				None		D & O	
Total Points Possible in Electrical = 27										12
<b>L. Insulation</b>										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			3rd party		I	
				2						
<input type="checkbox"/> 3. Install Insulation with 75% Recycled Content a. Walls b. Ceilings					2		None		D @ C/O w/receipt	
					2					
<input type="checkbox"/> 4. Blown/Sprayed Insulation (≥ 50% of all insulation) a. Walls b. Ceilings	2		2				3rd party		I	
	2		2							
<input type="checkbox"/> 5. HCFC-free Rigid Foam Insulation	2		2				3rd party		SC	
Total Points Possible in Insulation = 10										6
<b>M. Renewable Energy</b>										Possible Points
<input type="checkbox"/> 1. Sun tempered Design	2		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		4				Bldg.		D & O	
			8							
			12							
<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				Bldg.		D & O	
			1							
			1							
<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		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	6		6				Bldg.		D & O	
			8							
<input type="checkbox"/> 9. Purchase of 100% Renewable Power a. Local/Other Utility b. Generated Within Routt County			2				Bldg.		D @ C/O w/receipt	
			6							
<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										15

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<b>N. Flooring</b>										<b>I = Inspect</b>
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<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					2		None		SC & O	
a. Minimum 15% of Floor Area					3					
b. Minimum 30% of Floor Area					4					
c. Minimum 50% of Floor Area										
<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				1		Bldg.		D @ C/O w/receipt	
<input type="checkbox"/> 5. Stone or Ceramic Tile Installed with Plasticizer-free Grout	1			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				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 Sources	1				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				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										6
<b>O. Finishes</b>										
<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			1						
b. Stair Treads	0.5			0.5						
c. Cabinets				1						
d. Countertop Substrate	1			1						
e. Interior Trim	0.5			0.5						
f. Shelving	1			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				1					
<input type="checkbox"/> 5. All Particleboard Sealed with 2 Coats of Sealer	1			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				1		None		SC & D	
<input type="checkbox"/> 9. Low VOC, Water-Based Wood Finishes (<250 gpl VOCs) used on All Wood Finished Surfaces	2			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			2						
<input type="checkbox"/> 11. After Installation of Finishes, Test of Indoor Air Shows Formaldehyde Level <27 ppb				5			3rd party		D @ C/O	
Total Points Possible in Finishes = 23										11

Site Address: 27315 Home Ranch Rd. Routt County, CO.

Square Feet: 5900 sq.ft.

Designer: Joe Patrick Robbins, A.I.A.

Builder: Paul Stoll (Snake River Construction)

										SC = Self Certified
	Points Earned	Community	Energy	IAQ/Health	Resources	Water	Review Agency	Item Completed Applicant Initials		
<b>P. Landscaping</b>										Possible Points
<input type="checkbox"/> 1. Fire-Safe Landscaping Techniques per FireWise							Fire		O	
a. No surface vegetation within 15 feet of building	1	1								
b. Thinning of fuels surrounding home	1	1								
c. Ladder fuels removed up at least 6 feet from the ground	1	1								
d. Defensible space around home	1	1								
Passive Solar Landscape Design										Plan
<input type="checkbox"/> 2. Plant Shade Trees										
a. All New Plants Have Trunk, Base, or Stem Located At Least 36 Inches from Foundation	2		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		2							
Xeriscaping										Plan
<input type="checkbox"/> 4. Addition of Compost to and Aeration of Soil	1					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					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					2				
<input type="checkbox"/> 8. Group Plants by Water Needs (Hydrozoning)	2					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					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					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					1				
<input type="checkbox"/> 11. Site-rock Reclaimed							None		SC & O	
a. Reused on Site	1					1				
b. All Rock Kept on Site	2					2				
<input type="checkbox"/> 12. 50% Salvaged or Recycled-Content Materials used for 50% of Non-Plant Landscape Elements	2					2	None		SC/O	
Total Points Possible in Landscaping = 27										24
<b>Q. Innovation</b>										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 158

By my signature, I certify <b>that I do not wish to proceed</b> in accordance with the Green Building Program Guidelines.	
X	Home Builder/Applicant Signature and Date
<b>or</b>	
By my signature, I certify <b>that I wish to proceed with the program</b> and will perform all Action Items checked above in accordance with the Green Building Program Guidelines.	
X	Home Builder Signature and Date
<b>and</b>	
By my signature, I certify <b>that I have performed</b> 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