New Homes Checklist

	Steamboat Springs/Routt County										
	Steamooat Springs Route County										Verification D = Documented on
			r								plans/specifications
Owner Name:	Keith Simmon		109	PROJ	ECTS	CORI	NG TO	TAL			0 = Obseved construction
Site Address:	36817 Tree Haus Dr		1								SC = Self Certified
Square Feet:		4639	·	Å		£	Ś		Suc	2.4	I = Inspect
Dasisman	Cashan Custon Hanna		oints Eamed	Community	Energy	AQ/Health	Resources	Water	Review Agency	Item Completed Applicant Initials	C/O = Certificate of
Designer:	Graham Custom Homes		되	uno	ш	b b	eso	Š	vlew		Occupancy CSMP = Construction S
Builder:	Graham Custom Homes		Poir	ပ		2	<u>م</u>		Re	01	Management Plan
			M=1	fandate							
A. Energy		00632106224			Poss	ible P	oints				
L I. Meet Er	JERGY STAR® Performance Path Requirements a. Complete the ENERGY STAR® Thermal Bypass Inspection Checklist		м		M			1	3rd party		D&I
	b. For each HERS Index below 80 (Maximum 80 points)Insert HERS Index rating here:		80		80		<u> </u>	¦	<u> </u>		
		Subtetal	0								
OR DI MILLE											
🗆 2. Meet EN	VERGY STAR® Prescriptive Path Requirements (Compliance Only) a. Complete the ENERGY STAR® Thermal Bypass Inspection Checklist		M		M	r	1	-	3rd party	-	D&I
	b. Build to ENERGY STAR® Builder Option Package (BOP) for climate zone 7		M		M			{───			
B. General Requ	Total Points Possible in E	mergy= 80	0		Poss	ible Po	ants 👘	<u></u>			
I. Incorport	ate Checklist in Blueprints		M	- Provincesci			M		Bldg.		D
2 Develop	Homeowner Manual of Green Features/Benefits Total Points Possible in General Requirements are N	landatory	M M				M		Bldg.		D&C/0
	Total Possible in Orienta Requirements are in	inductory		I							
C. Site					Poss	ible Po	xnts 👘				31001.000.000.000
1. Protect N	Vative Soil and Minimize Disruption of Existing Plants and Trees		M					M	PWs		D&1@C/0
2 Erosion	Controls During Construction		M				1	M	PWs		D&0
	ithin 1/4 Mile of Public Transportation or 3/4 of a Mile of a Community Center		L	4					Plan		Ð
4. Recycle (Green Waste a. On Site		r	···· 1					PWs		D on CSMP & O
OR	a. On Site b. At Community Compost Center						2 1				
D 5. 100% Ex	cavated Topsoil Reused on Site			1			1		PWs		SC&O
D 6. Use Recy	vcled Content Aggregate (Minimum 25%)			ŕ					Bldg.		D @ C/O w/receipt
	a. Walkway and Driveway						1				
th 7 369()	b. Roadway Base Jore Fly Ash Coatent in Over 100% of Concrete Used (non foundation)		-				1				
	Curing Process does not Include Propane or Additional Energy to Cure		3	i	3		2		Bldg.		D @ C/O w/receipt
9. Pervious			9		3		<u> </u>	I	PWs		SC & O
1 7. FCIVIUS	a 25-50% of Hardscaped Areas			I	1			1	PWs		D
	b. 50-100% of Hardscaped Areas		·	· î	1947-2001 II.2012	~î		3			
10. No Foss	al Fueled Snowmelt System		5		5				Bldg		D&0
II. Enginee	red/Vegetated Swales to Filter Stormwater Runoff			;				1	PWs		D
	Total Points Possible in	a Site = 23	10								
D. Recycle and F	Reuse				Poss	ible Po	ints				
	uction Plan for Existing Building Demolition		М	ĺ	1		М		Plan		D
	ob Site Construction Waste		·						PWs		0
	a. 90% Steel				ļ		2				
	b. 90% Wood c. 90% Cardboard		2				2				
🖸 3. Install Bu	ult-In Recycling Center						-	,	Bldg.		D&0
	a. Built-In Recycling Center]	T		2				
	b. Built-In Composting Center						3				
U 4. Recycled	Concrete or Asphalt			1]	1		None		D @ C/O w/receipt
	Total Points Possible in Recycle and Re	euse ⇒ 12	4								
. Foundation					Poss	ble Po	ints				
O 1. Pre-Pipel	Under Slab for Radon Resistant Construction		М]		M			Bldg.		D&I
II 2. Replace I	Portland Cement in Concrete with Recycled Flyash (Western coal) in Foundation								Bldg.		D @ C/O w/receipt
	a Minimum 20% Flyash b. Minimum 25% Flyash		M	<u> </u>			<u>M</u>				
3. Condition					·¦	2	I		Bldg.		D & O
	Heated Garage Slabs & Perimeter (Min of R10)		2		2	4					D&O D&O
() 4 Insulate I			- 4						Bidg_		0.00
			2	I	- 1 I	I					D & O
5. Frost-Pro	tected Shallow Foundation (FPSF) alt Based Water Proofing		2		2			Т	Bldg. None		D&O SC&O

Site Address: 36817 Tree Haus Dr										SC = Self Certified
Square Feet:	4639		ð		ء	ŝ		С Ц		I = Inspect
Designer: Graham Custom Homes		oints Earned	Community	Energy	AQ/Health	Resources	Water	Review Agency	Item Completed Applicant initials	C/O = Certificate of Occupancy
Builder: Graham Custom Homes		Points	Cor	ш	IAQ	Rea		Revie	_ 2 <u>5</u> _	CSMP = Construction Site Management Plan
F. Structural Frame & Building Envelope				Poss	able Po	ints		(SIA SEALA)		
1. Design Energy Heels on Trusses (120% of Attic Insulation Height at	100012007102220186		-aran coord			101034		Bidg.	within a statistical periods	D&O
Outside Edge of Exterior Wall}		м		М						
2. Low-VOC Caulk and Construction Adhesives (<70 gpl VOCs) used for All Adhesives		M			М			None		SC & 0
3. Structure Wrapped with an Exterior Drainage Plane Barrier to Manufacturer's Specifications 4. Sill Plate Sealed with Foam Sill Sealer		M M		M M			 	Bldg.		0 & 0
□ 5. Sinple Footprint		M	1	м			<u> </u>	Bldg. Bldg		0 D&O
a 10 Corners or Less	[_			1		1	<u> </u>	Diog.		540
b. 8 Comers or Less c. 6 Comers or Less				2		23	<u> </u>			
d. 4 Corners or Less		_	*/*****	4		4				
6. Building Envelope Dimensions in 2 Foot Increments		1				ł		Bldg.		D
7. All Framing Members Shown on Drawings in Plan and Section for Advanced Framing		1				1	-	Bidg.		D
8. Design Roof Trusses to Accommodate Ductwork Under Insulation	L	1		1				Bldg.		D&0
9. Materials Manufactured Regionally/Locally	Г							Bldg.		D @ C/O w/receipt
a 20% within 500 miles of Routt County And/Or b. 20% from Routt County		~				2				
And Of 0. 2058 from Koutt County 10. Optimal Value Engineering or Advanced Framing (Min. 3 Points)			2		I	2	1	11.1~		0.60
a. All roof and floor loads stacked over studs		1	1			1	<u> </u>	Bldg.		D&0
b. 2x6 Studs at 24-Inch On Center Framing c. Two-stud Insulated Corners		I 2		2		1				
d. Doot and Window Headers Sized for Load		2		2		0.5				
e. Insulated headers (R-10 min.) installed on all exterior walls f. Use Only Jack and Cripple Studs Required for Load		2		2		0.5				
g. Trusses replacing rafters for 90% of roof area		2				2				
 Insulate partitition wall intersections during construction Ladder blocking for partition intersections 		2		2						
11. Salvaged or Reclaimed Structural Materials	l	1	1		J	1	<u>'</u>	Bldg.		D @ C/O w/receipt
a. 5% of the structural materials		_				2				D & C/O Mitecepi
OR b. 10% of the structural materials	I			1	ł	3				
 I2. Engineered Lumber for 90% of Framing a. Beams and Headers 	E F	2	I		1	2		Bldg.		D @ C/O w/receipt
b. Wood I-Joists or Web Trusses for Floors		1				1				
c. Wood I-Joists for Roof Rafters d. Engineered or Finger-Jointed Studs for Vertical Applications						2				
13. Beetle Kill Pine Salvaged Wood for Studs			2	ļ	j	3		Bldg.		D @ C/O w/receipt
□ 14. FSC-Certified Wood	_							Bldg.		D @ C/O w/receipt
a. Dimensional Studs: Minimum 40% b. Dimensional Studs: Minimum 70%		_				2				
c. Panel Products: Minimum 40%	1976.0		ļ			2				· · · · · · · · · · · · · · · · · · ·
d. Panel Products: Minimum 70%						3				
 IS.Solid Wall Systems (Includes SIPs, ICFs, & Any Non-Stick Frame Assembly) a Floors 			1	7 1	Г			Bldg.		D&I
b. Walls	· [_			8						·····
c. Roofs 16. OSB for Subfloor				9		1		P11		
17. OSB for Sheathing		1 [1	·	Bldg. Bldg		D&O D&O
18. Install a Rain Screen Wall System		-				2		Bldg.		D&0 D&0
19. Roof Design Includes Overhang	L				,	i	-	Bldg.		D&0
a. Minimum 24-Inch Overhang		_				1				
b. Minimum 30-Inch Overhang 20. Recycled-Centent Steel Studs used for 90% of Interior Wall Framing Only		2				2		DIJ-		D \$ 0
21. All Closet Headers Flat Framed		,	Ť			1		Bldg. Bldg.		D&0 D&0
Total Points Possible in Structural Frame & Building Envelo			- 1		- 1			Diug.		bao
C. Exterior Finish			5683-64	<u>ор. —</u>	ble Poi		E CONTRACTOR			
□ 1. Select Durable and Non-Combustible ≥ 40 year Roofing Materials	N			<u>rossi</u> 	ute Pos	nts M	2004 100	Bldg.		D&O
2. Recycled-Content (No Virgin Plastic) Decking for all non-structural Decking			\neg		· ····	3		Bidg.		D @ C/O w/receipt
1 3. FSC-Certified Wood Decking	-+	1	Í			2	\uparrow	None		D @ C/O w/receipt
4. Durable and Non-Combustible Siding Materials used on over 50% of Wall Surfaces	2	2	ĺ			2		Bldg.		D&O
S. FSC Certified Cedar Shakes					ĺ	1		None		D @ C/O w/receipt
6. Beetle Kill Pine Salvaged Wood for Siding			1	[1		None		D @ C/O w/receipt
1 7. Stone Exterior Finish Quaried within 500 Mile Radius			1	ļ		2		None		D @ C/O w/receipt
8. Reclaimed Exterior Trim/Siding	[1					1		None		D @ C/O w/receipt
9. Recycled Content Roofing for 50-100% of Roof		-1		1			-+	None		D @ C/O w/receipt
a. Recycled Content				[-		1	ŀ			
OR b. 75% Recycled Steel Roofing	<u> </u>	-				2	— 			D 6 0
10 Vacatated Roof for 20% or More of Reaf Assa			1	3		5		None	!	D&0
10. Vegetated Roof for 20% or More of Roof Area 11. Recycled and/or Recovered-content Ease(a Soft)t and Trim	<u> </u>	-		- i		- i		None		
10. Vegetated Roof for 20% or More of Roof Area 11. Recycled and/or Recovered-content Fascia, Soffit and Trim 12. Fiber Cement Fascia and Soffit						1		None Bidg.	-	D @ C/O w/receipt D & O

Site Address: 36817 Tree Haus Dr									SC = Self Certified	
Square Feet: 4639		>		_	10	ł	ę	7	I = Inspect	
square rect.	oints Eamed	Community	λ6,	AQ/Health	Resources	5	Review Agenc	Item Completed Applicant Initials	C/O = Certificate of	
Designer: Graham Custom Homes	ដ្ឋ	E E	Energy	Š	NOSE	Water	iew		Occupancy	
Builder: Graham Custom Homes	Роіп	ပိ	f	Ϊ	Å		Rev	ŏ≺	CSMP = Construction Site Management Fian	
	na China a	-		-						
H. Windows and Doors	A13632		Poss 2	ible Po	mts 👘				D 4 O	
1. Design Entry with Airlock	<u> </u>		_			1	Bldg.		D&0	
2. R-5 Insulated Exterior Doors		1	2			1	Bldg.		D&0	
3. Recycled and/or Recovered Content Interior Doors (100%)					1	1	None		D @ C/O w/receipt	
4. Insulating Window Shades Installed (> 75% of all exterior windows R-3 or higher)			I			1	None		D @ C/O w/receipt	
Total Points Possible in Windows and Doors $= 6$	0						Jacob Salinessy and	NINE CONTRACTOR		
L Plumbing			Poss	ible Po	ints					
I. Install R-15 Insulated Tank Water Heaters If Tank Heaters are Used	м		М			1	Bldg		D&0	
2. Distribute Domestic Hot Water Efficiently (Min 3 pts)							Bldg		D&0	
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 a. U.o. Control Coca Plumbing (numbered branch)	l I		_1							
c. Use Central Core Plumbing (trunk and branch) And/Or d. Use Structured Plumbing with Recirculation Loop and On Demand Pump		······	2			İ				
OR e. Use Engineered Parallel Piping						3		[
3. Drain Waste Heat Recovery System			2				Bldg.		D&0	
□ 4. Install Only High Efficiency Toilets (Dual-Flush or ≤1.3 gpf)						3	None		D&0	
D 5. Composting Toilets						5	Bldg.		D&0	
□ 6, ≤2.0 gpm or Less Showerheads Installed	3					3	None		SC & O	
7. Grey Water Reuse for Toilets						3	Bidg.		D&0	
S. Side-arm Hot Water Heater	1		1				None		D&0	
9. Faucets Fitted with Aerator Restricting Flow to 2.0 gpm	1					1	None		SC & O	
9. Faucets Fitted with Aerator Restricting Flow to 2.0 gpm 10. Install Real Time Water Use Read Out	1					1	None None		SC & O D & O	
9. Faucets Fitted with Aerator Restricting Flow to 2.0 gpm 10. Install Real Time Water Use Read Out Total Points Possible in Plumbing = 28				. 1		<u>+</u>			·	
10. Install Real Time Water Use Read Out Total Points Possible in Plumbing = 28			- D	754 D		<u>+</u>			·	
10. Install Real Time Water Use Read Out Total Points Possible in Plumbing = 28 Heating, Ventilation & Air Conditioning	8			ible Po	ints	<u>+</u>	None		D&0	
10. Install Real Time Water Use Read Out Total Points Possible in Plumbing = 28 Heating, Ventilation & Air Conditioning I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard)			М	sible Po	ints 🖄	<u>+</u>	None		D&O D&O	
10. Install Real Time Water Use Read Out Total Points Possible in Plumbing = 28 Heating, Ventilation & Air Conditioning I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) 2. Ground-source Heat Pump	8 _M		M 5	able Po	ints	<u>+</u>	None None Bldg.		D&O D&O D&O D&O	
10. Install Real Time Water Use Read Out Total Points Possible in Plumbing = 28 Heating, Ventilation & Air Conditioning I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) 2. Ground-source Heat Pump 3. Install Zoned, Hydronic Radiant Heating with Slab Edge Insulation	8		М	ible Po	ants	<u>+</u>	None None Bldg. Bldg.		D&O D&O D&O D&O D&O	
10. Install Real Time Water Use Read Out Total Points Possible in Plumbing = 28 Iteating, Ventilation & Air Conditioning I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) 2. Ground-source Heat Pump 3. Install Zoned, Hydronic Radiant Heating with Slab Edge Insulation 4. Install Sealed Combustion Units	8 _M		M 5	ible Po	ints	<u>+</u>	None None Bldg.		D&O D&O D&O D&O	
10. Install Real Time Water Use Read Out Total Points Possible in Plumbing = 28 Iteating, Ventilation & Air Conditioning I. Install Carbon Monoxide Alarm(s) (look for Cenada CSA Standard) 2. Ground-source Heat Pump 3. Install Zoned, Hydronic Radiant Heating with Slab Edge Insulation 4. Install Sealed Combustion Units a Furnaces And'Or b. Water Heaters	8 M 3		M 5 3 2 2	ible Po	ints	<u>+</u>	None None Bldg. Bldg.		D&O D&O D&O D&O D&O	
Io. Install Real Time Water Use Read Out Total Points Possible in Plumbing = 28 I leating, Ventilation & Air Conditioning I. Install Carbon Monoxide Alarn(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarn(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarn(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarn(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarn(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarn(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarn(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarn(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarn(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarn(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarn(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarn(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarn(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarn(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarn(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarn(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarn(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarn(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarn(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarn(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarn(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarn(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarn(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarn(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarn(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarn(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarn(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarn(s) (look for Canada CSA Standard) I. Insta	8 		M 5 3 2 2 2 2	iblė Po	ants	<u>+</u>	None None Bldg, Bldg, Bldg,		D&O D&O D&O D&O D&O D&O	
D Io. Install Real Time Water Use Read Out Total Points Possible in Plumbing = 28 Iteating, Ventilation & Air Conditioning I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) 2. Ground-source Heat Pump 3. Install Zoned, Hydronic Radiant Heating with Slab Edge Insulation 4. Install Sealed Combustion Units a Furnaces And'Or b. Water Heaters OR c. Boilers 5. Mechanical Equipment Centrally Located	8 M 3		M 5 3 2 2 2 1	ible Po	ints	<u>+</u>	None None Bldg. Bldg. Bldg. Bldg.		D&O D&O D&O D&O D&O D&O D&O D&O D&O	
Io. Install Real Time Water Use Read Out Total Points Possible in Plumbing = 28 Heating, Ventilation & Air Conditioning I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Stan	8 		M 5 3 2 2 2 2			<u>+</u>	None None Bldg. Bldg. Bldg. Bldg. Bldg.		D&O D&O D&O D&O D&O D&O D&O D&O D&O D&O	
IO. Install Real Time Water Use Read Out Total Points Possible in Plumbing = 28 ILeating, Ventilation & Air Conditioning I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Sealed Combustion Units a Furnaces And'Or b. Water Heaters OR c. Boilers S. Mechanical Equipment Centrally Located S. Sealed Mechanical Room for Non-sealed Combustion Units 7. Install High Efficiency HVAC Filter (MERV 6-13)	8 		M 5 3 2 2 2 1	ible Po		<u>+</u>	None None Bldg. Bldg. Bldg. Bldg. Bldg. Bldg.		D&O D&O D&O D&O D&O D&O D&O D&O D&O D&O	
IO. Install Real Time Water Use Read Out Total Points Possible in Plumbing = 28 Iteating, Ventilation & Air Conditioning I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Zoned, Hydronic Radiant Heating with Slab Edge Insulation A. Install Sealed Combustion Units	8 		M 5 3 2 2 1 1 1	ible Po		<u>+</u>	None None Bldg. Bldg. Bldg. Bldg. Bldg.		D&O D&O D&O D&O D&O D&O D&O D&O D&O D&O	
Io. Install Real Time Water Use Read Out Total Points Possible in Plumbing = 28 Iterating, Ventilation & Air Conditioning I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Zoned, Hydronic Radiant Heating with Slab Edge Insulation A. Install Sealed Combustion Units	8 		M 5 3 2 2 2 1			<u>+</u>	None None Bldg. Bldg. Bldg. Bldg. Bldg. Bldg.		D&O D&O D&O D&O D&O D&O D&O D&O D&O D&O	
Io. Install Real Time Water Use Read Out Total Points Possible in Plumbing = 28 Iterating, Ventilation & Air Conditioning I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Zoned, Hydronic Radiant Heating with Slab Edge Insulation A. Install Sealed Combustion Units	8 		M 5 3 2 2 1 1 1			<u>+</u>	None None Bldg Bldg Bldg Bldg Bldg Bldg Bldg Bldg		D&O D&O D&O D&O D&O D&O D&O D&O D&O D&O	
I0. Install Real Time Water Use Read Out Total Points Possible in Plumbing = 28 .//eating, Ventilation & Air Conditioning I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) 2. Ground-source Heat Pump 3. Install Zoned, Hydronic Radiant Heating with Slab Edge Insulation 4. Install Sealed Combustion Units a Furnaces And'Or b. Water Heaters OR c. Boilers 5. Mechanical Equipment Centrally Located 6. Sealed Mechanical Room for Non-sealed Combustion Units 7. Install High Efficiency HVAC Filter (MERV 6-13) 8. Gas Fireplaces a. None b. Install Sealed Gas Fireplaces with Efficiency Rating Exceeding 60% 9. Install Effective Exhaust Systems in Bathrooms and Kitchens	8 		M 5 3 2 2 1 1 1		ants	<u>+</u>	None None Bldg. Bldg. Bldg. Bldg. Bldg. Bldg.		D&O D&O D&O D&O D&O D&O D&O D&O D&O D&O	
Io. Install Real Time Water Use Read Out Total Points Possible in Plumbing = 28 Iterating, Ventilation & Air Conditioning I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) I. Install Sealed Combustion Units	8 		M 5 3 2 2 2 2 1 1 1 1 1 2 1			<u>+</u>	None None Bldg Bldg Bldg Bldg Bldg Bldg Bldg Bldg		D&O D&O D&O D&O D&O D&O D&O D&O D&O D&O	
□ 10. Install Real Time Water Use Read Out Total Points Possible in Plumbing = 28 I. Heating, Ventilation & Air Conditioning □ 1. Install Carbon Monoxide Alarn(s) (look for Canada CSA Standard) □ 2. Ground-source Heat Pump □ 3. Install Zoned, Hydronic Radiant Heating with Slab Edge Insulation □ 4. Install Sealed Combustion Units a. Furnaces And'Or b. Water Heaters OR c. Boilers 5. Mechanical Room for Non-sealed Combustion Units 7. Install High Efficiency HVAC Filter (MERV 6-13) 8. Gas Fireplaces a. None b. Install Sealed Gas Fireplaces with Efficiency Rating Exceeding 60% 9. Install Effective Exhaust Systems in Bahrooms and Kitchens a. Install Entergy STAR® Bahroom Fas Vented to the Outside b. All Bathroom Fans Are on Timer or Humidistat c. Install Kitchen Range Hood Vented to the Outside 	8 		M 5 3 2 2 2 1 1 1 1 2 1 1 1 1 1 1 1 1			<u>+</u>	None Bldg Bldg Bldg Bldg Bldg Bldg Bldg Bldg		D&O D&O D&O D&O D&O D&O D&O D&O D&O D&O	
Image: Install Real Time Water Use Read Out Total Points Possible in Plumbing = 28 Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) Image: Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) Image: Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) Image: Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) Image: Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) Image: Install Zoned, Hydronic Radiant Heating with Slab Edge Insulation Image: Install Zoned, Hydronic Radiant Heating with Slab Edge Insulation Image: Install Zoned, Hydronic Radiant Heating with Slab Edge Insulation Image: Install Zoned, Hydronic Radiant Heating with Slab Edge Insulation Image: Install Zoned, Hydronic Radiant Heating with Slab Edge Insulation Image: Install Zoned, Hydronic Radiant Heating with Slab Edge Insulation Image: Install Edge: Insulation Units Image: Install High Efficiency HVAC Fulter (MERV 6-13) Image: Install High Efficiency HVAC Fulter (MERV 6-13) Image: Install Edge Insulation System in Bathrooms and Kitchens Image: Install Edge: Install ENERGY STAR® Bathroom Fans Vented to the Outside Image: Install Edge: Install Edge: Install Edge: Insulation System (Maximum 3 Points)	8 		M 5 3 2 2 2 1 1 1 1 2 1 1 1 1 1 1 1 1			<u>+</u>	None None Bldg Bldg Bldg Bldg Bldg Bldg Bldg Bldg		D&O D&O D&O D&O D&O D&O D&O D&O D&O D&O	
□ 10. Install Real Time Water Use Read Out Total Points Possible in Plumbing = 28 J.Heating, Ventillation & Air Conditioning □ 1. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) □ 1. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) □ 2. Ground-source Heat Pump □ 3. Install Zoned, Hydronic Radiant Heating with Slab Edge Insulation □ 4. Install Sealed Combustion Units □ a. Furnaces And'Or b. Water Heaters OR c. Boilers □ 5. Mechanical Equipment Centrally Located □ 6. Sealed Mechanical Room for Non-sealed Combustion Units □ 7. Install High Efficiency HVAC Filter (MERV 6-13) □ 8. Gas Fireplaces a. None b. Install Sealed Gas Fireplaces with Efficiency Rating Exceeding 60% □ 9. Install Effective Exhaust Systems in Bathrooms and Kitchens a. Install ENERGY STAR® Bathroom Fans Vented to the Outside b. All Bathroom Fans Are on Timer or Humidistat c. Install Michen Range Hood Vented to the Outside □ 10. Install Mechanical Fresh Air Ventilation System (Maximum 3 Points) a. Install Wole House Fan with V	8 		M 5 3 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1 2 1 1			<u>+</u>	None Bldg Bldg Bldg Bldg Bldg Bldg Bldg Bldg		D&O D&O D&O D&O D&O D&O D&O D&O D&O D&O	
□ 10. Install Real Time Water Use Read Out Total Points Possible in Plumbing = 28 J.Heating, Ventilation & Air Conditioning □ 1. Install Carbon Monoxide Alarn(s) (look for Canada CSA Standard) □ 2. Ground-source Heat Pump □ 3. Install Zoned, Hydronic Radiant Heating with Slab Edge Insulation □ 4. Install Sealed Combustion Units a. Furnaces And 'Or b. Water Heaters OR c. Boilers 5. Mechanical Equipment Centrally Located 6. Sealed Mechanical Room for Non-sealed Combustion Units 7. Install High Efficiency HVAC Filter (MERV 6-13) 8. Gas Fireplaces a. None b. Install Sealed Gas Fireplaces with Efficiency Rating Exceeding 60% 9. Install Effective Exhaust Systems in Bathrooms and Kitchens a. Install ENERGY STAR® Bathroom Fans Vented to the Outside b. All Bathroom Fans Vented to the Outside b. All Bathroom Fans Vented to the Outside b. All Bathroom Fans Vented to the Outside b. Install Kitchen Range Hood Vented to the Outside b. Automatically Controlled Integrated Ventilation System c. Automatically Controlled Integrated Ventilation System c. Automatically Controlled Integrated Ventilation System 	8 		M 5 3 2 2 2 2 2 2 1 1 1 1 1 2 1 1 2 1 1 2 1 1 2 3			<u>+</u>	None Bldg Bldg Bldg Bldg Bldg Bldg Bldg Bldg		D&O D&O D&O D&O D&O D&O D&O D&O D&O D&O	
□ 10. Install Real Time Water Use Read Out Total Points Possible in Plumbing = 28 Jaleating, Ventillation & Air Conditioning □ 1. Install Carbon Monoxide Alarm(s) (look for Canada CSA Standard) □ 2. Ground-source Heat Pump □ 3. Install Zoned, Hydronic Radiant Heating with Slab Edge Insulation □ 4. Install Sealed Combustion Units a a Furnaces And'Or b. Water Heaters OR c. Boilers □ 5. Mechanical Equipment Centrally Located □ 6. Sealed Mechanical Room for Non-sealed Combustion Units □ 7. Install High Efficiency HVAC Filter (MERV 6-13) □ 8. Gas Fireplaces a. None b. Install Sealed Gas Fireplaces with Efficiency Rating Exceeding 60% □ 9. Install Effective Exhaust Systems in Bathroom Fans Vented to the Outside b. All Bathroom Fans Are on Timer or Humidistat c. Install Kitchen Range Hood Vented to the Outside □ 10. Install Mechanical Fresh Air Ventilation System (Maximun 3 Points) a. Install Weble House Fan with Variable Speeds b. Automatically Controlled Integrated Ventilation System	8 M 3 		M 5 3 2 2 2 2 1 1 1 1 1 1 1 2 1 1 2 1 2 1 2			<u>+</u>	None Bldg Bldg Bldg Bldg Bldg Bldg Bldg Bldg		D&O D&O D&O D&O D&O D&O D&O D&O D&O D&O	

	36817 Tree Haus Dr										SC = Self Certified
Square Feet:		4639 .		Ŋ		£	ŝ		5 G	<u>س</u> م	i = Inspeci
•			Points Eamed	Community	Energy	AQ/Health	Resources	Water	Review Agenc	Item Completed Applicant Initials	C/O = Certificate of
Designer:	Graham Custom Homes		Ξ Ξ	omr	ພິ	ş.	oso	Š	view		Occupancy CSMP = Construction Site
Builder:	Graham Custom Homes		Poir	0		_	_		Ř	0	Management Plan
K. Electrical		606206		(ASSA)	Pos	sible Pc	mbs 👘				
	.ighting Minimized (5500 lumens or less) to Meet International Dark Sky Association for Nighttime Light Pollution		м	М					Plan		SC & O
🗇 2. Hard-wird	ed Fixtures are Supplied with ENERGY STAR®-qualified Self-ballasted CFLs								None		SC & O
	Prescriptive Path: a 10% of all installed fixtures are supplied with bulbs that meet the requirement		M_		М			I			
	b. 20% of all installed fixtures are supplied with bulbs that meet the requirement Efficiency Packages		3		3	ŧ		<u> </u>	None		SC & O
J. Lighning i	Prescriptive Path:								HOL		30 0 0
	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		2		2	<u> </u>		1	ļ		
OR	D. 50% of total number of outdoor instartes are ENERGY STAR's-qualified Prescriptive or Performance Path;	L	2		2	<u> </u>		1			
	c. Comply with the ENERGY STARD Advanced Lighting Package (ALP)				5						
🗆 4. Natural I		_	2		2	1			Bldg.		D&0
	 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		[<u> </u>			
D 5. Light Tul	bes (Points per light tube, Max 6 points)				2				Bidg.		D&0
6. Efficient I	Light Controls	_					-		None		0
	a. Install dimmers b. Install motion detecting light switches		$\frac{1}{1}$		$\frac{1}{1}$	ļ	l				
D 7. LED Ligh			2		2	1			None		SC & O
	Electrical Read Out		-		5				None		D&0
	Total Points Possible in Electri	cal = 27	15			1					
						the fail straight	•				
	uality of Insulation Installation before Applying Vapor Barrier		SSS M		Pos	sible Pc	ants 🔅	2782677K	and party		T
	t Insulation with no Added Formaldehyde (> 50% of all insulation)		01 		м	1	l		3rd party 3rd party		т
	a. Walls and or Floors		2			2	[[Stupary		-
	b. Ceilings					2		[
	ulation with 75% Recycled Content a. Walls	F					2		None		D @ C/O w/receipt
	b. Ceilings						2				
	rayed Insulation (≥ 50% of all insulation)	,							3rd party		I
	a Walls				2						
		t	2		2						
D 5. HCFC-fre	b. Ceilings e Rigid Foam Insulation		2		2				3rd party		SC
G 5. HCFC-fre	o. Cettings e Rigid Foant Insulation Total Points Possible in Insulatio								3rd party		SC
	e Rigid Foam Insulation Total Points Possible in Insulatio		2		2	sible Pc	ints		3rd party		SC
M. Renewable En	e Rigid Foant Insulation Total Points Possible in Insulatio		2		2	sible Po	mts		3rd party Bldg,		SC D&O
M. Renewable En	e Rigid Foant Insulation Total Points Possible in Insulatio		2		2 Pos:	sible Po	ints				
M. Renewable En I. Sun tempe I. 2. Passive Sc and C) Ins	e Rigid Foam Insulation Total Points Possible in Insulation ergy ered Design Nar Space Heating That Includes: A) South facing glazing, B) Properly sized overhangs tailation of appropriately sized thermal mass for glazing		2		2 Pos: 2	sible PC	mts		Bldg,		D&0
M. Renewable En 1. Sun tempe 2. Passive Sc and C) Ins	e Rigid Foam Insulation Total Points Possible in Insulatio ergy reed Design olar Space Heating That Includes: A) South facing glazing, B) Properly sized overhangs		2		2 Pos:	sible Pc	mts		Bldg,		D&0
M. Renewable En I. Sun tempe 2. Passive Sc and C) Ins	e Rigid Foant Insulation Total Points Possible in Insulation tred Design Nar Space Heating That Includes: A) South facing glazing, B) Properly sized overhangs tallation 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		2		2 Pos: 2	sible Pc	mis		Bidg. Bidg.		D&0 D&0
M. Renewable Em D. I. Sum tempe D. 2. Passive Sc and C) Ins D. 3. Passive co	e Rigid Foant Insulation Total Points Possible in Insulation tergy tred Design blar Space Heating That Includes: A) South facing glazing, B) Properly sized overhangs tallation 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 coling		2		2 Poss 2 4 8	sible Pc	ints		Bldg,		D&0
M. Renewable En I. Sun tempe 2. Passive Sc and C) Ins 3. Passive co	e Rigid Foant Insulation Total Points Possible in Insulation tred Design Nar Space Heating That Includes: A) South facing glazing, B) Properly sized overhangs tallation 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		2		2 Poss 2 4 8	 	mts		Bidg. Bidg.		D&0 D&0
M. Renewable En I. Sum tempe 2. Passive Sc and C) Ins 3. Passive or And Or	e Rigid Foant Insulation Total Points Possible in Insulation tergy tred Design blar Space Heating That Includes: A) South facing glazing, B) Properly sized overhangs tallation 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 c. ≥40% of Home Heating Load coling a. Vertical shading devices for east and west-facing glass b. Reflective films on east and west-facing glass or use windows with a SHGC of less than 0.45		2		2 Poss 2 4 8	 			Bidg. Bidg.		D&0 D&0
M. Renewable En I. Sun tempe 2. Passive Sc and C) Ins 3. Passive co And Or And Or	e Rigid Foam Insulation Total Points Possible in Insulation ered Design olar Space Heating That Includes: A) South facing glazing, B) Properly sized overhangs tallation 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 coling a. Vertical shading devices for east and west-facing glass b. Reflective films on east and west-facing glass b. Reflective films on east and west-facing glass or use windows with a SHGC of less than 0.45 c. Radiant heat-reflective barriers installed in attic		2		2 Poss 2 4 8 12 1 1	sible Pc			Bldg Bldg Bldg		D&0 D&0 D&0
M. Renewable En I. Sun tempe 2. Passive Sc and C) Ins 3. Passive co And Or And Or 4. Provide 20	e Rigid Foant Insulation Total Points Possible in Insulation tergy tred Design blar Space Heating That Includes: A) South facing glazing, B) Properly sized overhangs tallation 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 c. ≥40% of Home Heating Load coling a. Vertical shading devices for east and west-facing glass b. Reflective films on east and west-facing glass or use windows with a SHGC of less than 0.45		2		2 Poss 2 4 8 12 1 1 1	sible Pc			Bidg. Bidg.		D&0 D&0
M. Renewable En I. Sun tempe 2. Passive Sc and C) Ins 3. Passive co And 'Or And 'Or 4. Provide 2C 5. Pre-Pfumb	e Rigid Foant Insulation Total Points Possible in Insulation ered Design olar Space Heating That Includes: A) South facing glazing, B) Properly sized overhangs tallation 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 c. ≥40% of Home Heating Load c. ≥40% of Home Heating Load coling a. Vertical shading devices for east and west-facing glass b. Reflective films on east and west-facing glass or use windows with a SHGC of less than 0.45 c. Radiant heat-reflective barriers installed in attic 2004 of South-Facing Roof		2		2 Poss 2 1 1 1 1 1	sible Pc			Bldg Bldg Bldg Bldg Bldg		D&0 D&0 D&0 D&0 D&0
M. Renewable En I. Sun tempe 2. Passive Sc and C) Ins 3. Passive co And 'Or And 'Or 4. Provide 2C 5. Pre-Pfumb 6. Install Wir	e Rigid Foam Insulation Total Points Possible in Insulation ered Design olar Space Heating That Includes: A) South facing glazing, B) Properly sized overhangs tallation 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 c. ≥40% of Home Heating Load c. ≥40% of Home Heating Load coling a. Vertical shading devices for east and west-facing glass b. Reflective films on east and west-facing glass or use windows with a SHGC of less than 0.45 c. Radiant heat-reflective barriers installed in attic 100ft of South-Facing Roof of Solar Hot Water Heating		2		2 Poss 2 1 1 1 1 1 1 2	sible Po			Bldg Bldg Bldg Bldg Bldg Bldg		D&0 D&0 D&0 D&0 D&0 D&0 D&0 D&0
M. Renewable En I. Sun tempe 2. Passive Sc and C) Ins 3. Passive co And Or And Or 4. Provide 20 5. Pre-Plumb 6. Install Wir 7. Install Sol:	e Rigid Foam Insulation Total Points Possible in Insulation tered Design olar Space Heating That Includes: A) South facing glazing, B) Properly sized overhangs tallation of appropriately sized thermal mass for glazing a ≥10% of Home Heating Load b. ≥25% of Home Heating Load c. ≥40% of Gess than 0.45 c. Radiant heat-reflective barriers installed in attic 2004° of South-Facing Roof 1 for Solar Hot Water Heating ing Conduit for Future Photovoltaie Installation		2		2 Pos: 2 12 1 1 1 1 1 2 2 10	sible Pc			Bldg Bldg Bldg Bldg Bldg Bldg Bldg		D&O D&O D&O D&O D&O D&O D&O D&O D&O
M. Renewable En I. Sun tempe 2. Passive Sc and C) Ins 3. Passive co And Or And Or 4. Provide 20 5. Pre-Piumb 6. Install Wir 7. Install Sol: 8. Install Pre	e Rigid Foant Insulation Total Points Possible in Insulatio eregy ered Design blar Space Heating That Includes: A) South facing glazing, B) Properly sized overhangs tallation 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 coling a Vertical shading devices for east and west-facing glass b. Reflective films on east and west-facing glass or use windows with a SHGC of less than 0.45 c. Radiant heat-reflective barriers installed in attic D0R* of South-Facing Roof of Solar Hot Water Heating ing Conduit for Future Photovoltaic Installation at Water Heating System tovoltaic (PV) Panels a. 30% of electric needs OR 1.2 kw		2		2 Poss 2 4 8 12 1 1 1 1 2 2 10	sible Pc			Bldg Bldg Bldg Bldg Bldg Bldg Bldg Bldg		D&O D&O D&O D&O D&O D&O D&O D&O D&O D&O
M. Renewable En I. Sun tempe 2. Passive Sc and C) Ins 3. Passive cc And Or And Or 4. Provide 2C 5. Pre-Piumb 6. Install Wir 7. Install Sol: 8. Install Pho	e Rigid Foam Insulation Total Points Possible in Insulatio tergy Total Points Possible in Insulatio tergy blar Space Heating That Includes: A) South facing glazing, B) Properly sized overhangs tallation 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 c. ≥40% of Home Heating Load c. ≥40% of Home Heating Load b. ≥25% of Home Heating Load b. ≥25% of Home Heating Load c. ≥40% of Home Heating Load b. ≥25% of Home Heating Load c. ≥40% of Home Heating Load b. ≥26% of Home Heating Load c. ≥40% of Home Heating Load b. ≥26% of Home Heating Load c. ≥40% of Home Heating Load b. ≥60% of Home Heating Load c. ≥40% of Home Heating Load b. ≈26% of Home Heating Load b. ≈26% of Home Heating c. Radiant heat-reflective barriers installed in attic b00% of South-Facing Roof c. for Solar Hot Water Heating ing Conduit for Future Photovoltaie Installation ar Water Heating System tovoltaic (PV) Panels		2		2 Pos: 2 12 1 1 1 1 1 2 2 10				Bldg Bldg Bldg Bldg Bldg Bldg Bldg Bldg		D&O D&O D&O D&O D&O D&O D&O D&O D&O D&O
M. Renewable En I. Sun tempe 2. Passive Sc and C) Ins 3. Passive of And Or And Or 4. Provide 20 5. Pre-Plumb 6. Install Wir 7. Install Sols 8. Install Pho 9. Purchase of	e Rigid Foam Insulation Total Points Possible in Insulatio tergy Total Points Possible in Insulatio tergy abar Space Heating That Includes: A) South facing glazing, B) Properly sized overhangs tallation 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 c. ≥40% of Home Heating Load c. ≥40% of Home Heating Load b. ≥25% of Home Heating Load c. ≥40% of Home Heating Load b. ≥25% of Home Heating Load c. ≥40% of Home Heating Load b. ≥25% of Home Heating Load c. ≥40% of Home Heating Load b. ≥25% of Home Heating Load c. ≥40% of Home Heating Load b. ≈25% of Gets than 0.45 c. Radiant heat-reflective barriers installed in attic b00% of South-Facing Roof of Solar Hot Water Heating ing Conduit for Future Photovoltaie Installation ar Water Heating System tovoltaic (PV) Panels a . 30% of electric needs OR 1.2 kw b. 60% of electric needs OR 2.4 kw c. ≈9% of electric needs OR 3.6 kw of 100% Renewable Power		2		2 Pos: 2 12 1 1 1 1 2 2 10 4 6 8				Bldg Bldg Bldg Bldg Bldg Bldg Bldg Bldg		D&O D&O D&O D&O D&O D&O D&O D&O D&O D&O
M. Renewable En I. Sun tempe 2. Passive Sc and C) Ins 3. Passive co And 'Or And 'Or 4. Provide 2C 5. Pre-Piumb 6. Install Wir 7. Install Sola 8. Install Pho 9. Purchase of	e Rigid Foant Insulation Total Points Possible in Insulatio eregy ered Design olar Space Heating That Includes: A) South facing glazing, B) Properly sized overhangs tallation 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 coling a. Vertical shading devices for east and west-facing glass b. Reflective films on east and west-facing glass or use windows with a SHGC of less than 0.45 c. Radiant heat-reflective barriers installed in attic D0Pt of South-Facing Roof for Solar Hot Water Heating ing Conduit for Future Photovoltaic Installation at Water Heating System tovoltaic (PV) Panels a 30% of electric needs OR 1.2 kw b. 60% of electric needs OR 2.4 kw c. 90% of electric needs OR 3.6 kw		2		2 Pos: 2 1 1 1 1 2 10 4 6 8 2	sible Pc			Bldg Bldg Bldg Bldg Bldg Bldg Bldg Bldg		D&O D&O D&O D&O D&O D&O D&O D&O D&O D&O
M. Renewable En I. Sun tempe 2. Passive Sc and C) Ins 3. Passive co And 'Or And 'Or 4. Provide 2C 5. Pre-Piumb 6. Install Wir 7. Install Sola 8. Install Phe 9. Purchase co	e Rigid Foam Insulation Total Points Possible in Insulatio tergy Total Points Possible in Insulatio tergy abar Space Heating That Includes: A) South facing glazing, B) Properly sized overhangs tallation 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 c. ≥40% of Home Heating Load c. ≥40% of Home Heating Load b. ≥25% of Home Heating Load c. ≥40% of Home Heating Load b. ≥25% of Home Heating Load c. ≥40% of Home Heating Load b. ≥25% of Home Heating Load c. ≥40% of Home Heating Load b. ≥25% of Home Heating Load c. ≥40% of Home Heating Load b. ≈25% of Gets than 0.45 c. Radiant heat-reflective barriers installed in attic b00% of South-Facing Roof of Solar Hot Water Heating ing Conduit for Future Photovoltaie Installation ar Water Heating System tovoltaic (PV) Panels a . 30% of electric needs OR 1.2 kw b. 60% of electric needs OR 2.4 kw c. ≈9% of electric needs OR 3.6 kw of 100% Renewable Power		2		2 Pos: 2 12 1 1 1 1 2 2 10 4 6 8				Bldg Bldg Bldg Bldg Bldg Bldg Bldg Bldg		D&O D&O D&O D&O D&O D&O D&O D&O D&O D&O

Site Address: 36817 Tree Haus Dr										SC = Self Certified
Square Feet:	4639		5		E	5	Γ	ខ្ព	п.,	i = Inspect
•		Points Earned	Community	6	AQ/Health	Resources	15	Roview Agency	Item Completed Applicant Initials	C/O = Certificate of
Designer: Graham Custom Homes		L E	۳.	Energy	Ā	Sou	Water	Ň	pplica nitials	Occupancy
Builder: Graham Custom Homes		- Ho	8		ĭ₹] œ	·	Sevi	8₹~	CSMP = Construction Site Management Plan
N. Flooring		<u> 6-</u>		Pos	sible Pe	l Mots	1	н. Парадар	VISION SEA	Management Fian
1. Flooring Adhesives Have <70 gpl VOCs.		M	1		M	1	1	None		SC & O
2. Leave Concrete Exposed as Finished Floor							•	None		SC & O
a Minimum 15% of Floor Area		2	[2	1			
b. Minimum 30% of Floor Area					ļ	3	<u> </u>			
c. Minimum 50% of Floor Area		<u> </u>		1	1	4				
4. 90% Natural Stone Tile from within a 500 Mile Radius		-		1	<u> </u> 	1	<u>-</u>	Bldg.		D @ C/O w/receipt
		[i		1	1	Bldg.		D @ C/O w/receipt
5. Stone or Ceramic Tile Installed with Plasticizer-free Grout		<u> </u>		[1	<u> </u>	<u> </u>	Bldg.		D @ C/O w/receipt
6. Natural Linoleum					1	1	<u> </u>	Bldg.		D @ C/O w/receipt
7. FSC-Certified Wood Flooring					<u> </u>	2		Bidg.		D @ C/O w/receipt
8. Wood Flooring a. From Reused, Reclaimed or Re-milled Sources			r	·····	r			Bldg.		D @ C/O w/receipt
b. From Reused, Reclaimed or Re-milled Sources within 500 Mile Radius		2			¦	2				
D 9. Beetle Kill Pine Salvaged Wood Floor (25% minimum)				ĺ	İ	4	1	Bldg.		D @ C/O w/receipt
10. Rapidly Renewable Flooring		•				-	1	Bldg		D @ C/O w/receipt
a. Natural Cork						1	1	2103		D & Cro Mitterpi
b. Bamboo					1	1				
11. Natural or Recycled-content Carpet Pad Made from Textile, Carpet, or Carpet Cushion					<u> </u>	1	ļ	Bldg.		D @ C/O w/receipt
D 12. Recycled-content Carpet					[1		Bldg.		D @ C/O w/receipt
13. Carpeting Meets CRI Green Label Plus Requirements (50% Minimum)						2		Bidg.		D @ C/O w/receipt
I4. Natural Fiber Carpet Made with Natural Latex rather than SB (styrene-butadiene)						Í		Bldg.		D @ C/O w/receipt
Latex Backing	·				ļ	3	I			
Total Points Possible in Floor	ang = 22	4								
O. Finishes				Pos	able Po	ints 👘				
I. Low-VOC Caulk and Construction Adhesives (<70 gpl VOCs) used for All Adhesives		М			М			None		SC & O
2. Design Entryways to Reduce Tracked in Contaminants		1			I			Bldg.		D&0
3.Elimination of All Particleboard and MDF Inside Building Envelope								None		SC & O
a. Subfloor b. Stair Treads		1			1		ļ			
c. Cabinets					0.5 1					
d. Countertop Substrate		1			1					
e. Interior Trim £. Shelving		0.5			0.5					
4. Environmentally Preferable Materials used for Interior Finish: A) FSC-Certified Wood,			I		1		1			D. 0.00 /
B) Reclaimed (within a 500 mile radius), C) Rapidly Renewable, D) Recycled-Content,								None		D @ C/O w/receipt
E) Finger-Jointed, or F)Beetle Kill Pine										
a. Cabinets (50% Minimum) b. Interior Trim (50% Minimum)						1				
e. Shelving (50% Minimum)						1				
d. Doors (50% Minimum)						t	<u> </u>			
e. Countertops (50% Minimum)						1				
5. All Particleboard Sealed with 2 Coats of Sealer		1			1		I	None		SC
 6. 100% Agricultural Waste Board a. countertops 	1					1		None		D @ C/O w/receipt
b. cabinets				·w <i>a</i>	-	1	}			SC & D
c. shelving					I	1				SC & D
7. 90% Recycled-content Ceramic Tile (non-flooring)						1		None		SC & D
8. 90% Natural Stone from within 500 Mile Radius (non-flooring)						I		None		SC & D
9. Low VOC, Water-Based Wood Finishes (<250 gpl VOCs) used on All Wood Finished Surfaces		2]		2			None		SC & O
D 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)) b. Zero-VOC Interior Wall/Ceiling Paints (<5 gpl VOCs (Flat))		2			1					
11. After Installation of Finishes, Test of Indoor Air Shows Formaldehyde Level <27 ppb			i	i	5			3rd party		D @ C/O
Total Points Possible in Finish	hes = 23	9.5			,					
	1						ł			

Site Address: 36817 Tree Haus Dr										SC - Self Certified
Square Feet:	4639	~	≥		ទ	ş		oncy	۲. A.	I = Inspect
Designer: Graham Custom Homes		Points Earned	Community	Energy	AQ/Health	Resources	Water	Review Agenc	Item Completed Applicant Initials	C/O = Certificate of
Designet. Granan Custom Homes		2	Ē	ā	ð	ses	Š	Ne Ne		Occupancy CSMP = Construction S
Builder: Graham Custom Homes		Poi						å	0 •	Management Plan
P. Landscaping				Pos	sible Po	ints				
I. Fire-Safe Landscaping Techniques per FireWise a. No surface vegetation within 15 feet of building				1	r	•		Fire		0
 b. Thinning of fuels surrounding home 		1	<u> </u>							
c. Ladder fuels removed up at least 6 feet from the ground		1	1]			~			· · · · · · · · · · · · · · · · · · ·
d. Defensible space around home		<u> </u>	1				[
Passive Solar Landscape Design								Plan		0
2. Plant Shade Trees										
a All New Plants Have Trunk, Base, or Stem Located At Least 36 Inches				_						
from Foundation And b. Landscaping that Shades 75% of East and West Facing Glazing During the				2						<u> </u>
Summer Season (June-August)				2						
3. Design Vegetative Wind Breaks or Channel as Appropriate to Local Conditions				2	i					
Xeriscaping		ł		2			1	Plan		0
4. Addition of Compost to and Aeration of Soil				[<u> </u>	1	Гин		
5. Compost from Local Landfills							1			
						1				
6. Mulch All Planting Beds to the Greater of 2 Inches							1			
7. Construct Water-Efficient Landscapes								None		SC & O
a. No Invasive Species Are Planted b. 75% of Plants Are Native species		<u>M</u> 2					<u>M</u> 2			
S. Group Plants by Water Needs (Hydrozoning)			_				2	None		sc
9. Minimize Turf Areas in Landscape Installed by Builder		i					-	Plan		D @ C/O w/receipt
a. All Turf Will Have a Water Requirement Less than or Equal to Tall Fescue,							1	1 201		D @ CO writecept
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					1 2			
d. Turf is ≤10% of Landscaped Area (Not to Exceed Footprint of Home)							3			
10. Install High-Efficiency Irrigation Systems								Plan		SC & O
a System Uses Only Low-Flow Drip, Bubblers, or Low-Flow Sprinklers		<u>M</u>					<u>M</u>			
b. Rain sensor installed on inigation system OR c. System Has Smart (Weather-Based) Controllers							. <u> </u>			
II. Site-rock Reclaimed		<u> </u>			<u> </u>		1			
a Reused on Site		F	ï		I	1	_	None		SC & O
b. All Rock Kept on Site		2				2				
12. 50% Salvaged or Recycled-Content Materials used for 50% of Non-Plant Landscape								None		SC/O
Elements						2		11030		
Total Points Possible i	n Landscaping = 27	10	·			,				
). Innovation		1089	50760 (Poss	ible Poi	nts				
1. Alternative Fuel Infrastructure for Vehicle Use								Bldg.		D&0
2. Innovation By Design								Bidg.		D&0

Total Points Possible = 444

PROJECT SCORING TOTAL 109

	By my signature, I certify that I do not wish to proceed
\leq	in according with the Green Building Program Guidelines.
	10.1-18
Ć	Home Builder/Applicant Signature and Date
	07
	ly my signature, I certify that I wish to proceed with the program and will perform
411 I	Action Items checked above in accordance with the Green Building Program Guidelines.
an r	~ ~ • •
ан <i>т</i> К	Action Items checked above in accordance with the Green Building Program Guidelines. Home Builder Signature and Date
X	~ ~ • •
ан 7 Х	Home Builder Signature and Date
x	Home Builder Signature and Date and
x	Home Builder Signature and Date and By my signature, I certify that I have performed all Action Items checked above

,