

JEREMIAH RIDGE

GREEN HOME GUIDELINES [COTTAGE]

1	SITE	
	Set up recycling station during construction	
	Recycle job site construction & demolition waste	
	Install composting station	
	Protect native soil and water quality with landscape design	
	Sloped grade away from structure	
	Minimal site disturbance	X
	Install rainwater recovery system	
	Research use of retention grading and swales to slow down & manage stormwater and control flooding	
2	FOUNDATION & STRUCTURE	
	Green-compliant termite pre-treatment	
	Locally managed & harvested sawn lumber [consideration of FSC certified]	
	OSB for sheathed applications	
	Rigid foam insulation panels on walls	
	E-rated doors and windows	
	Low VOC adhesives for construction	
3	EXTERIOR FINISHES	
	Wrap structure over rigid insulation	
	T1-11 exterior finish w/low-no VOC stain	
	Roof surface – evaluate standing seam metal roof or shingles from recycled materials	
	Use of active underlayment on roof surface	
	Use of Trex for deck surface	
4	PLUMBING	
	Run supply line in conditioned space	
	Insulate hot & cold water pipes	
	Install on-demand tankless water heater[s]	
	Install low-flush toilet	
	Use water saver faucet & shower fixtures	
	Placement of faucets within 40' of hot water heater for more efficient use of hot water	

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5	ELECTRICAL	
	Install CFL & LED lighting	
	Consider installation of solar panels	
	Use of power monitors and green power strips to reduce energy consumption	
	Monitor daily power consumption through Central Alabama Electrical Cooperative's online monitoring service	
6	APPLIANCES	
	Energy Star propane gas cook-top	
	Energy Star refrigerator & microwave	
7	INSULATION	
	Rigid foam insulation panel sandwich	
	All corners, outlets, headers and sill are caulked for extra draft stop	
	Research floor insulation options	
	Research ceiling insulation options	
8	WINDOWS	
	E-rated double-paned windows recovered & recycled from Craig's List & salvage	
	Window and door openings fully flashed	
9	HEATING, VENTILATION, AIR CONDITIONING	
	Ceiling fans in living space and bedroom area	
	Roof/cornice vents	
	Heating – research ceramic heaters	

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10	RENEWABLE ENERGY	
	Evaluate solar PV storage capacity	
	Evaluate use of wind turbine as supplemental power	
11	NATURAL HEATING/COOLING	
	Pergola on west side	
	Window treatments and sliding panel screens to manage afternoon heat	
	Planting of deciduous trees on west side & evergreens on north side of cottage	
12	INDOOR AIR QUALITY AND FINISHES	
	Use low/no VOC paints, stains & adhesives	
	Install CO detector in sleeping zone	
	Exhaust fans in kitchen and bathroom	
	No wet or water-damaged materials enclosed in building assemblies	
	Research radon-resistant features for this structure type	
	Corrosion proof rodent/bird screens installed at all openings that cannot be fully sealed	
	Smoking prohibited in common areas at a least 25' from buildings	
	Fully flashed roof/wall intersections	
	Bituminous membrane installed at roof penetrations	
	Gutters/downspouts direct water a minimum of 5' from foundation	
13	FLOORING	
	FSC wood flooring	
	Use of renewable/recycled flooring products	
14	MISCELLENEOUS	
	Concrete countertop for bathroom cabinet	
	Use of recycled boardroom doors for kitchen countertop and backsplash	
	Use propane gas for cooking and hot water heating	