



Eco Custom Building Sustenance Checklist

Sustenance = Comfortable, Energy Efficient, Dry/Climate Conscious, Well Ventilated, Combustion By-Product Free, Pest Free, and Toxic Chemical Free

Project Description:

Renovation/Rehabilitation	Yes	No
Addition	Yes	No
Design/Build Project	Yes	No
New Home	Yes	No
Other _____		

Site Issues

Rainwater Control-Moisture Management Strategy	Yes	No
Groundwater Control- Basement or Crawlspace?	Yes	No
Landscaping/Hardscaping	Yes	No
Native Plants Species	Yes	No
Water Permeable Materials: Paths, Driveways, Patios	Yes	No
Water Features	Yes	No
Please describe _____		
Compost	Yes	No
Gardens, (Types Wanted)	Yes	No
Fencing Needs	Yes	No
Transplant Trees/Other Plants/Vegetation	Yes	No
Treecycle: Recycle trees for future use in project	Yes	No
Pool, or Natural Swimming Pool	Yes	No

Water Efficiency

Water Saving Strategies: Indoor/Outdoor Water Usage	Yes	No
Rainwater Retention System	Yes	No
If yes, reuse strategies? _____		
Grey Water System	Yes	No
If yes, for what use? _____		
Low-Volume/Drip Irrigation System	Yes	No
Innovative Water Technology	Yes	No
(constructed wetlands, sand filter, etc)		

Water Efficiency, continued:

Toilets/Faucets/Showerheads:

Watersense, Low Flow Technologies	Yes	No
Toilets Beyond Watersense (electric, waterless, composting?)	Yes	No
Energy Star Water Conserving Appliances (IE- dishwasher, washing machine)	Yes	No
On Demand Water Heater	Yes	No
Control Activated Recirculation System	Yes	No
Innovative Options: (No-Hands/Motion Sensor, Pedal-Activated Faucet)	Yes	No

Water Heating Options & Clothes Drying:

Tankless Water Heating	Yes	No
Solar Water Heating	Yes	No
Recirculating Systems	Yes	No
Point of Use Water Heating	Yes	No
Heat Pump Water Heater	Yes	No
Natural Clothes Dryer	Yes	No
Condensation Clothes Dryer	Yes	No

Energy Generation:

Solar Technologies:

Passive Solar	Yes	No
Passive Cooling	Yes	No
Photovoltaics	Yes	No
Wind Energy	Yes	No
Micro Hydro Generation	Yes	No

Increased Effectiveness of Building Envelope:

SIPS (structural insulated panel systems)	Yes	No
ICF (insulated concrete forms)	Yes	No
Super Insulation Techniques	Yes	No
Air Sealing Package to Reduce Infiltration	Yes	No
Thermal Bridge Free	Yes	No
Under slab Insulation	Yes	No

Insulation Options:

Natural Wool	Yes	No
Spray Foam	Yes	No
Hybrid system	Yes	No
Special Windows	Yes	No
Special Doors	Yes	No

Lighting:

Networked Lighting	Yes	No
Advanced Lighting and Switching	Yes	No
Energy Star Lighting/Ceiling Fans	Yes	No
Extensive CPF Bulbs	Yes	No

Energy/Technology Additional Options:

Audio /Visual System:	Yes	No
Pre-wire for Future Equipment	Yes	No
Immediate Wiring and Install of Equipment	Yes	No
Wiring and Installing Complete Home Automation	Yes	No
Energy Monitoring System:	Yes	No
Home Security System:	Yes	No
Install New System	Yes	No
Installing Internet Accessible Video Surveillance System	Yes	No

Moisture Management/HVAC Systems:

Gas Furnace	Yes	No
Heat Pump	Yes	No
Geothermal System	Yes	No
Radiant Floor Heat	Yes	No
SEER Rating Wanted	Yes	No
Variable Speed Furnace	Yes	No
Networked AC	Yes	No

Moisture Management HVAC Systems, continued:

Humidification or Dehumidification	Yes	No
Advanced Filtration and Air Cleaning	Yes	No
ERV	Yes	No
Wood Pellet Heating	Yes	No

Indoor Environmental Quality Features: (combustion by-product free, pest free, toxic chemical free, comfort)

Fresh Air Intake System	Yes	No
Make Up Air for Cooking	Yes	No
Large Media Filter	Yes	No
Low VOC Strategy	Yes	No
Wood Burning Fireplaces	Yes	No
Glass Closures on Fireplaces	Yes	No
Central Vacuum System	Yes	No
Dirt Mats at Doors/Entries	Yes	No
Radon Prevention Measures	Yes	No
Integrated Pest Control	Yes	No
Additional Interior Design Assistance	Yes	No
Healthy Homes Assistance (allergies, multiple chemical sensitivities, etc)	Yes	No

Sustainability Additional Features:

Locally Sourced, Indigenous Materials	Yes	No
Life Cycle Assessment/Analysis Priority	Yes	No

Reuse:

Reuse Salvage Materials	Yes	No
Reclaimed Wood Flooring	Yes	No
Reclaimed Wood Counters	Yes	No
Recycled Content or Renewable Materials:	Yes	No
Composite Building Materials (quartz, glass, paperstone countertops)	Yes	No

Bamboo, Cork, Wood-Based Materials	Yes	No
Third Party Certified Wood and Wood-Based Materials	Yes	No

Carpet	Yes	No
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Roof Materials:

Asphalt Shingle	Yes	No
Metal	Yes	No
Composite Roof Material	Yes	No
Other: re-cycled slate, tile, etc _____		

Recycling Options:

Construction Waste	Yes	No
Recycling in Home	Yes	No

Certifications:

Earthcraft	Yes	No
LEED	Yes	No
Passive House	Yes	No
NAHB	Yes	No
NEHA Healthy Homes	Yes	No
Net Zero Home	Yes	No
Carbon Neutral Home	Yes	No