Green Remodeling Checklist

▶ A. Site	Community	Energy	IAQ/Health	Resources	Water
1. Protect Existing Soil and Minimize Disruption of Existing Plants & Trees	✓				✓
2. Deconstruct Instead of Demolish				✓	
3. Recycle Construction and Demolition Waste				✓	
▶ B. Foundation					
1. Replace Portland Cement in Concrete with Recycled Flyash or Slag				✓	
2. Retrofit Crawl Space to Control Moisture			✓		
3. Design and Build Structural Pest Controls				✓	
▶ C. Landscape					
1. Construct Resource-Efficient Landscapes				✓	✓
2. Use Fire-Safe Landscaping Techniques	✓				
3. Minimize Turf Areas					✓
4. Plant Shade Trees	✓	✓			
5. Group Plants by Water Needs (Hydrozoning)					✓
6. Install High-Efficiency Irrigation Systems					✓
7. Add Compost to Promote Healthy Topsoil					✓
8. Mulch All Planting Beds					✓
9. Use Salvaged or Recycled-Content Materials for Landscape Elements				✓	
10. Reduce Light Pollution	✓				
11. Collect and Retain Rainwater for Irrigation					✓
▶ D. Structural Frame and Building Envelope					
1. Apply Optimal Value Engineering				✓	
2. Use Engineered Lumber: a) Beams and Header b) Insulated Engineered Headers c) Wood I-Joists or Web Trusses for Floors d) Wood I-Joists for Roof Rafters e) Engineered or Finger-Jointed Studs for Vertical Applications f) OSB Subfloor g) OSB Sheathing		✓		✓	
3. Use FSC-Certified Wood				✓	
4. Use Solid Wall Systems (includes SIPs, ICFs, & Any Non-Stick Frame Assembly)		✓		✓	
5. Reduce Pollution Entering the Home from the Garage			✓		
6. Design Energy Heels on Roof Trusses		✓			
7. Install Overhangs and Gutters		✓		✓	
8. Install Reflective Roof and Radiant Barrier		✓			
9. Replace Single-Pane Windows with High Performance Windows		✓			
10. Retrofit with Storm Windows		✓			
11. Install Low Solar Heat Gain Coefficient (SHGC) Window Film on Single-Glazing		✓			
12. Retrofit Structure for Earthquakes				✓	
▶ E. Exterior Finish					
1. Use Recycled-Content or FSC-Certified Decking				✓	
2. Install Rain Screen Wall System				✓	
3. Use Durable and Noncombustible Siding Materials				✓	
4. Use Durable and Noncombustible Roofing Materials				✓	
▶ F. Insulation					
1. Install Insulation with 75% Recycled Content				✓	
2. Install Insulation That Is Low-Emitting			✓		
3. Upgrade Insulation to Exceed Current Title 24 Requirements		✓			
4. Inspect Quality of Insulation Installation before Applying Drywall		✓			
5. Apply Caulking and Weatherstripping		✓			

▶ G. Plumbing	Community	Energy	IAQ/Health	Resources	Water
1. Distribute Domestic Hot Water Efficiently		▬		▬	▬
2. Replace Toilets with High Efficiency Toilets					▬
3. Upgrade to High Efficiency Water Heater		▬			
4. Install Water-Efficient Faucets and Showerheads					▬
▶ H. Heating, Ventilation & Air Conditioning					
1. Design and Install HVAC System to ACCA Recommendations		▬			
2. Install High Efficiency, Sealed Combustion Heating Systems		▬	▬		
3. Install Zoned, Hydronic Radiant Heating with Slab Insulation		▬	▬		
4. Install High Efficiency Air Conditioning with Environmentally Responsible Refrigerants	▬	▬			
5. Install Effective Ductwork: a) Install New Ductwork within Conditioned Space b) Use Duct Mastic on All Ducts & Joints Seams c) Install Ductwork under Attic Insulation (Buried Ducts) d) Pressure Balance the Ductwork System e) Protect Ducts during Remodeling and Clean All Ducts before Occupancy f) Insulate Existing Ductwork		▬	▬		
6. Install High Efficiency HVAC Filter			▬		
7. No Fireplace or Retrofit Wood Burning Fireplaces		▬	▬		
8. Install Effective Exhaust Systems in Bathrooms and Kitchen		▬	▬		
9. Install Mechanical Ventilation System for Cooling		▬			
10. Install Mechanical Ventilation for Fresh Air			▬		
11. Install Carbon Monoxide Alarms			▬		
▶ I. Renewable Energy					
1. Install Solar Water Heating System		▬			
2. Install Photovoltaic (PV) System		▬			
▶ J. Building Performance					
1. Whole House Inspection/Diagnostic Testing and Make Improvements		▬	▬		
▶ K. Finishes					
1. Design Entryways to Reduce Tracked-In Contaminants			▬		
2. Use Low-VOC or Zero-VOC Interior Paint			▬		
3. Use Low-VOC, Water-Based Wood Finishes			▬		
4. Use Low-VOC Caulk and Construction Adhesives			▬		
5. Use Recycled-Content Paint				▬	
6. Use Environmentally Preferable Materials for Interior Finishes: a) FSC-Certified Wood b) Reclaimed/Refinished c) Rapidly Renewable d) Recycled-Content e) Finger-Jointed				▬	
7. Reduce Formaldehyde in Interior Finishes			▬		
8. Test Indoor Air for Formaldehyde after Installation of Finishes			▬		
▶ L. Flooring					
1. Use Environmentally Preferable Flooring: a) FSC-Certified Wood b) Reclaimed or Refinished c) Rapidly Renewable d) Recycled-Content e) Exposed Concrete				▬	
2. Use Thermal Mass Floors		▬			
3. Use Flooring That Is Low Emitting			▬		
▶ M. Appliances and Lighting					
1. Install Water- and Energy-Efficient Dishwasher		▬			▬
2. Install ENERGY STAR® Clothes Washing Machine		▬			▬
3. Install ENERGY STAR® Refrigerator		▬			
4. Install Built-In Recycling and Composting Center				▬	
5. Upgrade to Energy-Efficient Lighting		▬			
6. Install Low-Mercury Fluorescent Lighting		▬		▬	
7. Install Lighting Controls		▬			
▶ N. Other					
1. Incorporate Green Remodeling Checklist in Blueprints	▬	▬	▬	▬	▬
2. Develop Homeowner Manual of Green Features/Benefits		▬	▬	▬	▬
3. Innovation	▬	▬	▬	▬	▬