



# Green Built North Texas

- A Home Builders Association Initiative

Construction Category	Base Construction Standards
Site Management and Waste Recycling	<ol style="list-style-type: none"> <li>1. Obtain TCEQ Storm Water Permit; follow best management practices.</li> <li>2. Implement a tree protection plan or fully comply with established local ordinance regarding tree protection.</li> <li>3. Establish jobsite-recycling plan to include lunch trash, and require subcontractor participation to minimize construction waste, sort waste, and maximize material recycling where available.</li> </ol>
Water Efficiency	<ol style="list-style-type: none"> <li>1. Install rain and freeze sensors on sprinkler system.</li> <li>2. Install hot water on demand system or locate water heater within 30ft. of fixtures.</li> <li>3. Select water efficient toilets that work with first flush (min 250 grams).</li> <li>4. Select lavatory faucets with less than 2.0 gpm, and select kitchen &amp; utility faucets with less than 2.2 gpm.</li> <li>5. Select shower heads less than 2.5 gpm.</li> <li>6. Limit landscape &amp; turf plantings to drought-tolerant varieties (unless prevented by customer selection), or install rainwater catchment system to provide for a minimum 50% of landscape irrigation needs.</li> <li>7. Install 2" deep mulch in landscape beds.</li> </ol>
Indoor Air Quality	<ol style="list-style-type: none"> <li>1. Perform Manual J calculation based on actual house design, specifications and orientation and ensure that installed equipment matches Manual J calculations. Perform refrigerant level test. Provide all documentation to the homeowner.</li> <li>2. Seal ducts during construction at vent entry and exit.</li> <li>3. Provide ducted mechanically controlled fresh air in-take system sufficient to meet the fresh air needs of the house.</li> <li>4. Provide power venting or sealed combustion providing fresh air for gas furnaces and water heaters located in conditioned space. Or install heat pump.</li> <li>5. Install continuous drainage plane on exterior walls behind cladding material.</li> <li>6. No vapor barrier on inside of exterior walls.</li> <li>7. Ensure proper flashing at windows and doors.</li> <li>8. Install kitchen range hood and vent to outside.</li> <li>9. Provide combustion air for fireplaces from outside.</li> <li>10. Use no fiberglass duct board unless sealed properly with low toxic mastic.</li> <li>11. Install return air ducts or jumper ducts in all bedrooms.</li> <li>12. Install vapor barrier under slab.</li> <li>13. Install capillary break under bottom plate.</li> <li>14. Use min. 1" pleated filters for AC return.</li> <li>15. One carbon monoxide (CO) detector, hardwired, shall be installed per 1,000 sq. ft of living space (minimum one per floor).</li> <li>16. Avoid an attached garage or isolate the garage from the living space with appropriate sealing techniques.</li> </ol>
Energy Efficiency	<ol style="list-style-type: none"> <li>1. Energy Star® Certified.</li> <li>2. Minimize window exposure on east &amp; west or shade windows facing east &amp; west.</li> <li>3. Install Energy Star® appliances unless prevented by customer selection.</li> <li>4. Install radiant barrier, light-colored roof, or insulated roof deck.</li> </ol>

Materials	<ol style="list-style-type: none"> <li>1. Use engineered lumber products to maximum extent possible to include trusses, joists and finger-jointed dimensional lumber.</li> <li>2. Use exterior cladding materials with minimum 25-year warranty.</li> <li>3. Provide gutter downspout extensions and positive drainage away from house.</li> <li>4. Employ advanced framing techniques to reduce waste.</li> </ol>
Homeowner Education	<ol style="list-style-type: none"> <li>1. Provide homeowner with operations and maintenance kit and perform walk-through</li> <li>2. Provide homeowner with local recycling opportunities.</li> <li>3. Provide information on green energy service providers.</li> <li>4. Provide basic information on Energy Star® program, ratings/certification.</li> </ol>



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