



Checklist for Building a Level I Home Using Wood Stud Framing

PURPOSE

REFER TO GUIDELINES

This checklist is a quick form builders or designers can use to determine whether a particular wood frame home can meet the minimum requirement to receive Level I certification. For detailed description of each of these requirements, refer to the "Guidelines for Building a Level I Home Using Wood Stud Framing."

BEYOND LEVEL I?

To determine whether a home can receive a designation higher than Level I, refer to other guidelines established by Build San Antonio Green.

USING THE CHECKLIST

Check all items designated by the square box. For homes greater than 3,500 square feet of conditioned space or for homes located in a development which is located on prime farmland, or on environmentally sensitive areas such as the Edwards Aquifer Recharge Zone, additionally check all items in italics designated by the grey bullet. If you need assistance, please contact Build San Antonio Green 210-224-7278.

Applicant _____

Your Contact Information _____

Address of Home _____

Energy

- ENERGY STAR rated home*
- Provide natural gas connections where natural gas is available
- All builder-installed equipment and appliances must be ENERGY STAR labeled.
- Provide all fixtures with compact fluorescent, fluorescent, or LED lamps.**
- The HVAC system shall be properly sized using the ACCA Manual "J" *
- HVAC ductwork entirely within conditioned space -OR- show maximum duct leakage of 9%* -OR- install a ductless system.
- Maximum two gas fired lamps, with restrictions.**
- Document HERS index of 80 or less (new rating system).*

Water

- All sink fixtures rated at 2.4 gallons per minute or less.
- Locate hot water fixtures within 20 feet of water heater (tank or instantaneous) -OR- Install hot-water-on-demand system**
- Landscaping only from SAWS approved plant list**
- Provide "San Antonio Landscape Care Guide"
- No more than 5% of area impermeable.**
- If a pool is installed, not more than 2% of area impermeable.**
- Downspouts if installed, must drain onto a pervious surface (turf or landscaping).
- All toilets must be rated at less than 1.6 gallons per flush or install dual flush toilets.

Site

- Comply with the City of San Antonio Tree Protection Ordinance.
- Mulch removed vegetation and reuse on the site**.
- Designate parking, and material storage and staging away from root protection zones.
- Provide surface drainage away from the foundation.
- Implement required erosion and sediment control during construction.

Health

- Provide required venting for gas fixtures.**
- Vent kitchen range hoods to the exterior.
- A dehumidification system, if installed, should be independent of the cooling system.
- Isolate garage space from conditioned space.**
- Install carbon monoxide detectors where described in Guidelines.**

* Provide documentation with application. **Refer to Guidelines for full explanation.

Health (continued)

- Fireplaces are allowed with restrictions.**
- Open fireplaces require whole house vacuum systems & exhaust fan timer switches.**
- Seal HVAC ducts during construction. Vacuum boots and grills before first use.
- Install interior-lined fiberglass ducts.**
- Do not use vapor retarding materials on interior surfaces of perimeter walls.
- Use Carpet and Rug Institute’s Green Label certified carpet in any carpeted areas.**
- Carpet adhesive or padding used must also be Green Label certified.**
- Choose an interior paint from the “Allowed Interior Paint” listings. Window and door trim and baseboard surfaces are exempt if these are less than 15% interior painted area.**
- Use min. one inch pleated paper filters or install whole house Media or HEPA filter.
 - Install HEPA filter instead of paper filters.*
 - Install non-toxic termite barrier (if building on Edwards Aquifer Recharge Zone).*

* Provide documentation with application. **Refer to Guidelines for full explanation.

Review Fee Calculation

Review Fee must accompany this checklist before review can be performed. Please make your check payable to “Metropolitan Partnership for Energy”.

Square footage of home _____sf x \$0.05 = \$ _____
 Plus registration fee per home + \$ _____ 35.00
TOTAL fee due with submittal \$ _____

Name (or number) of the Model of home being submitted: _____

A square footage fee is required for each different model of home submitted. The flat registration fee is required for each unit of that model you wish to have certified. One checklist is required for each unit you wish to have certified. One set of construction documents should accompany the submittal for the first unit of a particular model being considered.

Notes:

SUBSTITUTION

ASK FOR ASSISTANCE

We realize there may be situations where your submission may be close to obtaining a Level I designation, but the prescriptive aspects of QuikQual may be too limiting. Don’t despair. Your BSAG plan reviewer is available to help you find possible substitutions from the list of elements present in the full program format. Your reviewer is also available to help with any questions or suggestions you may have during your self-evaluation process.

CAUTION

REGARDING CFL THEFT

Due to the expense of compact fluorescent lamps (CFL’s), and their tendency to “disappear” from job sites, it may be desirable to temporarily install incandescent lamps, especially in easy to reach fixtures, until a property closes or until an appropriate agreed time arranged with the buyer and notice given to MPE. If temporary incandescents will be used, a notice must be provided in the house explaining why CFL’s are being kept in storage until closing. Contact MPE for further information regarding this.