

KB Energy Consulting, LLC - Title 24 Building Data Checklist - Residential Single Family

CONTACT DATA

Contact Name: _____ Phone: _____ Email _____

Company Address (Street): _____

Company Address (City/State/Zip): _____

PROJECT BUILDING DATA - Please include the following data with the plans & specifications you are providing us:

Project Name: _____

Project Address: _____

Scope: Please indicate if the project is: New Construction or Addition/Alteration (will require additional info for existing home (e.g. windows))?

Plans included: ___ Site Plan ___ Floor Plan(s) ___ Exterior Elevations ___ Sections ___ Details ___ Project Title Block

1. **Orientation** – Please provide a site plan or other plans indicating true north in relation to the building
2. **Conditioned Floor Area(s)** / Unconditioned Floor Area's & Locations/ Total Floor Area
3. **Wall Construction Details (framed):** Height, Depth, Framing (type & spacing), Insulation (type, thickness, R-Value, & location in relation to framing)
4. **Wall Construction Details (masonry):** Height, Material type, thickness, Insulation (type, thickness, R-Value, & location in relation to framing, if any).
5. **Infiltration Barrier?** Will the walls be wrapped with an infiltration barrier?
6. **Roof Construction Details:** Height, Depth, Deck type, Framing (type & spacing), Insulation (type, thickness, R-Value, & location in relation to framing), tilt or pitch if any.
7. **Cool Roof?** If Yes, Provide CRRC ratings for Aged Solar Reflectance & Aged Thermal Emittance ratings
8. **Radiant Barrier?** Will the roofing include a radiant barrier?
9. **Sections** – Please provide section drawings especially for vaulted/sloped ceilings, attic or bermed walls, or exposed floors.
10. **Soffits / Exposed Floors:** Depth, Framing (type & spacing), Insulation (type, thickness, R-Value, & location in relation to framing), Sections.
11. **Doors:** sizes, locations, material (wood/metal/fiberglass/other), insulation (type, thickness, R-value), and overall R-value or U-factor for the entire door assembly.
12. **Fenestration (vertical glazed windows & skylights):**
 - a. Please identify *each* glazing type, location, and overall dimensions including framing
 - b. Glazing framing type(s): metal / vinyl / wood / fiberglass / other (specify)
 - c. Glazing Characteristics: single or dual pane / clear or tinted / Low-E coating
 - d. Window Manufacturer / Model Name
 - e. NFRC Ratings for window system: overall U-Factor and overall SHGC including framing (if known)
 - f. Overhangs & Fins that shade adjacent windows – location & dimensions (depth etc.)
 - g. Skylights - please indicate if glass or plastic glazing, whether or not the skylight is on a curb, and slope, if any.
13. **Space Heating/Cooling System** – Provide Zoning, Types, Make & Model #'s, Rated Heating/Cooling/Fan outputs & efficiencies.
14. **Hot Water Heating** – Provide quantity, type, tank size, make & model #, rated output & efficiency, distribution & control types.
15. **Ducts** – Provide location (attic, crawlspace, or conditioned space), insulation, and whether or not ducts will be 3rd Party tested.
16. **HERS Inspections/Testing** – Any 3rd Party Specialty HERS Inspections or Tests planned? If so, which ones?

Disclaimer: KB Energy Consulting, LLC (KBEC) is providing Title 24 documentation services only, based on plans & specifications provided by you or others. Our services and reporting shall, in no manner, be deemed to constitute "design", "specification", or "construction" services, and they shall not be used for design, specification, or any other purpose.