

Residential Manual J Energy Analysis Report Application

Name: _____ **Date:** _____

Street Address: _____

City: _____ **State:** _____ **Zip:** _____

Phone: _____ **Email:** _____

Project Address: _____

Building Thermal Envelope Details:

- ☐ Flat Ceiling (with attic)
- ☐ Sealed Attic (insulated roof rafters)
- ☐ Vaulted Ceilings (with attic)
- ☐ Vaulted Ceilings (no attic)
- ☐ 2" x 4" Exterior Walls
- ☐ 2" x 4" Common Walls (attached garage)
- ☐ 2" x 6" Exterior Walls
- ☐ 2" x 6" Common Walls (attached garage)
- ☐ 2" x 6" Staggered Stud Walls
- ☐ Foundation Walls
- ☐ Crawlspace Under Floor
- ☐ Slab Floor Insulation
- ☐ Duct Insulation (vinyl-faced, fiberglass)

Insulation Thickness:

Polyurethane Foam (inches):

- | | |
|-------------------------------|---|
| ___ open cell | ___ closed cell |
| ___ open cell | ___ closed cell |
| ___ open cell | ___ closed cell |
| ___ open cell | ___ closed cell |
| ___ open cell | ___ closed cell |
| ___ open cell | ___ closed cell |
| ___ open cell | ___ closed cell |
| ___ open cell | ___ closed cell |
| ___ open cell | ___ closed cell |
| ___ open cell | ___ closed cell |
| ___ open cell | ___ closed cell |
| ___ open cell | ___ closed cell |
| <input type="checkbox"/> None | ___ rigid foam insulation |
| <input type="checkbox"/> R-4 | <input type="checkbox"/> R-6 <input type="checkbox"/> R-8 |

Wise® S.I.P. Building Panels

EPS Foam Thickness:

- | | |
|-----------------------------------|---------------------------------|
| <input type="checkbox"/> 6-inch | <input type="checkbox"/> 8-inch |
| <input type="checkbox"/> 6-inch | <input type="checkbox"/> 8-inch |
| <input type="checkbox"/> 6-inch | <input type="checkbox"/> 8-inch |
| <input type="checkbox"/> 6-inch | <input type="checkbox"/> 8-inch |
| <input type="checkbox"/> 3.5-inch | |
| <input type="checkbox"/> 3.5-inch | |
| <input type="checkbox"/> 6-inch | |
| <input type="checkbox"/> 6-inch | |
| <input type="checkbox"/> 3.5-inch | <input type="checkbox"/> 6-inch |
| <input type="checkbox"/> 3.5-inch | <input type="checkbox"/> 6-inch |

Total heated and cooled living square footage: _____ Direction front door faces: _____

Are there any rooms with exceptional loads that the customer wants us to be aware of? For example, does the homeowner have many parties, media room, game room, etc... _____

Any special zoning requests? _____

Windows, Doors & Skylights:

- | | | | | | | |
|----------------------|---------------------------------|-----------------------------------|-------------------------------------|------------------------------------|--------------------------------|---|
| Windows: | <input type="checkbox"/> vinyl | <input type="checkbox"/> cellular | <input type="checkbox"/> fiberglass | <input type="checkbox"/> wood/clad | <input type="checkbox"/> wood | <input type="checkbox"/> other _____ |
| | <input type="checkbox"/> double | <input type="checkbox"/> triple | <input type="checkbox"/> clear | <input type="checkbox"/> tinted | <input type="checkbox"/> low-e | <input type="checkbox"/> argon-gas |
| Skylights: | <input type="checkbox"/> vinyl | <input type="checkbox"/> cellular | <input type="checkbox"/> fiberglass | <input type="checkbox"/> wood/clad | <input type="checkbox"/> wood | |
| | <input type="checkbox"/> double | <input type="checkbox"/> triple | <input type="checkbox"/> clear | <input type="checkbox"/> tinted | <input type="checkbox"/> low-e | <input type="checkbox"/> argon-gas |
| French Doors: | <input type="checkbox"/> vinyl | <input type="checkbox"/> cellular | <input type="checkbox"/> fiberglass | <input type="checkbox"/> wood/clad | <input type="checkbox"/> wood | <input type="checkbox"/> metal, poly-core |
| | <input type="checkbox"/> double | <input type="checkbox"/> triple | <input type="checkbox"/> clear | <input type="checkbox"/> tinted | <input type="checkbox"/> low-e | <input type="checkbox"/> argon-gas |
| Solid Core Doors: | <input type="checkbox"/> vinyl | <input type="checkbox"/> cellular | <input type="checkbox"/> fiberglass | <input type="checkbox"/> wood/clad | <input type="checkbox"/> wood | <input type="checkbox"/> metal, poly-core |
| Sliding Glass Doors: | <input type="checkbox"/> vinyl | <input type="checkbox"/> cellular | <input type="checkbox"/> fiberglass | <input type="checkbox"/> wood/clad | <input type="checkbox"/> wood | |
| | <input type="checkbox"/> double | <input type="checkbox"/> triple | <input type="checkbox"/> clear | <input type="checkbox"/> tinted | <input type="checkbox"/> low-e | <input type="checkbox"/> argon-gas |

Matched HVAC Equipment, Rated Using A.H.R.I.'s Unitary Directory:

(Air-Conditioning, Heating & Refrigeration Institute) HVAC Brand: _____

___ SEER, Heat Pump ___ SEER, A/C with ___ % plus AFUE rated gas furnace ___ EER, Geothermal

Ceiling heights, window and door information, fireplaces, skylights and recessed lighting must be shown on the plans or separately identified on this application.



Services and Pricing Schedule

Section 1

Wise Engineering and Building Solutions Residential Energy Analysis & Guarantee Fees:

- ☐ 0 to 2,999 square feet = \$325.00
- ☐ 3,000 square feet to 4,999 square feet = \$425.00
- ☐ 5,000 square feet to 6,999 square feet = \$525.00
- ☐ 7,000 square feet to 8,999 square feet = \$625.00
- ☐ For each 2,000 square foot increment above 8,999 add = \$100.00 to \$625
- ☐ Because of the complexity of the plans for three or more levels, add = \$100.00 to the total

Additional Services:

- ☐ Add a mechanical layout to my total (Section 3 below).
- ☐ Please rush my energy analysis report for an additional \$45 fee (completed within 3 business days).

Section 2

Volume Builder Discount:

In order to better serve smaller homes in volume, this package includes a Wise Energy Analysis, Consulting (if necessary), Mechanical Layout and Energy Usage Guarantee all for only \$0.30 per square foot for homes ranging from 0 to 2,500 square foot (heated and cooled space). Contact us to see if you may qualify.

Section 3

Wise Engineering and Building Solutions Residential Mechanical Layout Fees:

- ☐ **Option 1: Hand-Drawn Mechanical Layout with Duct Placement**
Hand-drawn mechanical drawings engineered and overseen by Michael R. Busby, PhD, PE,
priced at \$0.15 per square foot of heated and cooled area. Sq Ft: _____ Total: \$_____
- ☐ **Option 2: Auto-CAD Mechanical Layout with Duct Placement**
Auto-CAD mechanical drawings engineered and overseen by Michael R. Busby, PhD, PE,
priced at \$0.30 per square foot of heated and cooled area. Sq Ft: _____ Total: \$_____
- ☐ **Option 3: Plumbing Mechanical Layout Add-On**
Plumbing layouts are an additional \$0.15 per square foot
of heated and cooled area. Sq Ft: _____ Total: \$_____

Your Plan Check List:

1. Set of Floor Plans, Elevations and Electrical System (including door and window sizes)
2. Completed Application Form
3. Payment Method

Section 4

- ☐ **Option 1: Submit Online Information With Electronic Form Payment**
- ☐ **Option 2: Email Completed PDF Form and Request Separate Electronic Invoice**
- ☐ **Option 3: Email Completed PDF Form and Mail a Check**

Submit check to: **Wise Engineering and Building Solutions**
2250 Sara Jane Parkway, Unit 6104
Grand Prairie, Texas 75052