

Commercial 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 exceptional loads that are required? For example, we need to know how many people are going to be in the building, their locations, lighting and equipment loads, 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 Commercial Energy Analysis & Guarantee Fees:

- | | |
|--|-------------------------|
| <input type="checkbox"/> 0 to 5,999 square feet | = \$325.00 |
| <input type="checkbox"/> 6,000 square feet to 13,999 square feet | = \$425.00 |
| <input type="checkbox"/> 14,000 square feet to 21,999 square feet | = \$525.00 |
| <input type="checkbox"/> 22,000 square feet to 29,999 square feet | = \$625.00 |
| <input type="checkbox"/> 30,000 square feet to 37,999 square feet | = \$725.00 |
| <input type="checkbox"/> 38,000 square feet to 45,999 square feet | = \$825.00 |
| <input type="checkbox"/> 46,000 square feet to 53,999 square feet | = \$925.00 |
| <input type="checkbox"/> 54,000 square feet to 61,999 square feet | = \$1,025.00 |
| <input type="checkbox"/> For each 8,000 square foot increment above 61,999 add | = \$100.00 to \$1,025 |
| <input type="checkbox"/> Because of the complexity of the plans for three or more levels, add | = \$200.00 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

Wise Engineering and Building Solutions Commercial Mechanical Layout Fees:

- ☐ **Option 1: 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 2: 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 3

- ☐ **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