

# WEATHERTIGHT SHELL INCLUSIONS

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## 1. DESIGN

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- Preliminary Drawings (floorplans & elevations)
- Construction Drawings
- Heat Loss Calculations (by HRAI certified designer) \*
- Duct, Design, & Layout (by HRAI certified designer) \*
- Energy Efficiency Design Summary
- P.Eng Certification

Note: does not include site / drainage / grading plan

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## 2. EXTERIOR WALL ASSEMBLY

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Exterior to interior wall assembly:

- 1" x 4" strapping
- PASSIVE approved [Water-Barrier](#) Housewrap
- PASSIVE approved [Air-Barrier](#) WoodFiber breathable sheathing (3/4")
- 14" external wall frame
- 1/2" HUBER OSB sheathing [Vapor-Barrier](#)
- 2" x 6" internal wall frame

\* By Others

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### 3. ROOF SYSTEM

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Exterior to interior roof assembly:

- 1/2" plywood sheathing c/w ice & water shield membrane
- 2" x 4" Roof Frame for steel roofing & overhangs
- PASSIVE approved [Water-Barrier](#) Housewrap
- PASSIVE approved [Air-Barrier](#) WoodFiber breathable sheathing (3/4")
- 24" parallel chord roof trusses
- 1/2" HUBER OSB [Vapor-Barrier](#)

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### 4. WINDOWS & DOORS

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- **Product** – Munster PassiveHouse Windows & Doors
- **Type** – PVC, color of choice
- **Style** – Tilt & Turn
- **Glass** – Triple-glazed, PassiveHouse approved
- **Windows & Doors:** per plan

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### 5. Others

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- 2" X 4" and 2" x 6" interior partitions per plan
- deep (24") eave framing
- PASSIVE approved Gaskets & tapes
- Guaranteed ACH (air changes per hour) of 0.6 or lower