



Michigan Build! SITE VISIT 1

Building File No.: _____
Consultant: _____
Date: _____
Builder: _____

PRE- DRYWALL: FRAMING / SET VISIT

REQUIRED INFORMATION

Homeowner: _____
Home Address: _____ City: _____ Zip: _____
Building Type: Single-Family Duplex
Electric Utility: _____
Gas Utility: _____ LP Gas Oil

Standards Verification

None verified at first report. Review standards for future implementation. See standards reminders below.

Guidelines Verification

Building Shell 1: Foundation moisture and heat loss control Satisfied Not Satisfied
Moisture Control, Type: _____
Heat Loss Control, Type: _____
Details/comments:

Building Shell 4: Minimize wood framing Satisfied Not Satisfied
Details/comments:

Building Shell 6: Thermal bypass Satisfied Not Satisfied
Thermal Bypasses will be assessed more in the second visit.
Locations to check for thermal bypasses at framing stage:
 Behind showers and tubs
 Dropped soffits
 Tray Ceilings
 Attic to garage, porch or other
Details/comments:

Standards Reminders

ENERGY STAR Ductwork Requirement

Leakage \leq 6 CFM to outdoors / 100 sq. ft. Refer to Mechanical Guidelines 3 and 4

Details/comments:

ENERGY STAR Products

Include at least one ENERGY STAR qualified product category.

Will Heating or Cooling Equipment be ENERGY STAR qualified? Yes No

Will Windows be ENERGY STAR qualified? Yes (see Standard 1H)

Will five or more ENERGY STAR qualified light fixtures, appliances, ceiling fans with light fixtures and/or ventilation fans be used? Yes No

Details/comments:

Standard 1A: Air Tightness

Building air tightness should be less than or equal to .25 CFM@50 per sq. ft. of building envelope surface area.

Details/comments:

Standard 1H: Energy Star windows

Windows must comply with Energy Star criteria, having a U-value of .35 or less.

Details/comments:

Standard 1M: Sealed sump pit

Any sump pit(s) installed must be airtight.

Details/comments:

Standard 1AO: Overall house ventilation

This standard requires that one piece of equipment be able to deliver continuous airflow of 10 cubic feet per minute (CFM) per person. Bedroom count is used to estimate occupancy, with 2 people assumed for the master bedroom.

- Home has how many bedrooms? _____
- CFM Requirement: _____
- Strategy type (check one): Spot _____ Location: _____
 Central exhaust HRV ERV Other: _____

Details/comments:

- If ducting is installed, verify installation quality (i.e., short, straight, or smooth)
 Ducted to outside

Standard 2AO: Spot ventilation

- Check if kitchen cooktop or oven will use gas: Yes No
If Yes, a dedicated range hood with a minimum capacity of 100 CFM is required.
- Bathrooms, kitchens and other rooms with potentially high moisture or odor sources require ventilation. See Standards and Guidelines for details.

Details/comments:

Standard 3AO and 4AO: Combustion appliances

Check or ask about location and type of:

- Gas fireplace Wood fireplace or stove Water heater and heating system
- Gas stove/oven – Dedicated hood exhaust
- Electric stove/oven – Kitchen exhaust

Details / comments:

Standard 5AO: Carbon Monoxide Detectors

One detector is required for each floor with a finished bedroom.

Number of Detectors Required: _____

Standard 1E: Energy Use: Lighting

At least 75% of hard-wired light fixtures must be ENERGY STAR labeled or be equipped with ENERGY STAR labeled compact fluorescent lightbulbs.

Details/comments:

Guidelines Reminders

Please refer to the Michigan Build! ENERGY STAR Homes Standards and Guidelines for each of the recommended guidelines.

Building Shell

Details/comments:

- Guideline 1:** Foundation Moisture and Heat Loss Control
- Guideline 2:** Moisture Runoff Control
- Guideline 3:** Continuous Drainage Plane
- Guideline 4:** Minimize Wood Framing
- Guideline 5:** Box Sill and Band Joist Insulation
- Guideline 6:** Minimize Thermal Bypasses
- Guideline 7:** Proper Insulation Installation
- Guideline 8:** Foundation Insulation

Mechanical

Details/comments:

- Guideline 1:** Size Heating and Cooling Appropriately
- Guideline 2:** Multi-stage or Modulating HAC
- Guideline 3:** Ductwork Joint Sealing
- Guideline 4:** Ductwork Gap Sealing
- Guideline 5:** Verified Airflow and Refrigerant Charge
- Guideline 6:** Replace Furnace Filters
- Guideline 7:** Dedicated Kitchen Exhaust
- Guideline 8:** Bathroom Exhaust
- Guideline 9:** Ventilation System Standards
- Guideline 10:** Zone Pressurization / Depressurization (see below)

Appliances

Details/comments:

- Guideline 1:** Use ENERGY STAR qualified appliances

Builder's signature: _____

Date: _____

- *For the first three homes in the program, the builder or his / her representative must be present and sign off on each site visit.*
- *All site visit forms and / or a report must be delivered to builder within 24 hours and copies submitted to the local Michigan Build! representative as completed.*