



WE NEED TO TALK
BEFORE
YOU GO ANY FURTHER
on the construction of your
NEW HOME!



Building a **NEW HOME ?**

Building a home is a daunting process. Most often it's the biggest investment you will ever make. You only have one time to get it right or you can spend many years and excessive costs to correct the problems.

As a homeowner, have you ever experienced any of the following:

- Musty Odors
- Mold/Mildew
- Moisture Damage
- Insect Problems
- Condensation on Pipes/Duct Work
- Rot in Wood Framing
- Buckled Hardwoods
- Sagging Floors
- Excessive Dust
- Uneven Room Temps
- Duct Leakage
- Premature HVAC Equipment Failure
- High Utility Bills

You might be surprised to learn that these issues are a direct result of what's happening ***inside your home's building envelope.***

Proper steps should be taken before, during, and after construction in order to create a clean, healthy, comfortable, durable & energy-efficient home.



WHERE IS YOUR **HVAC system** going to be located?

HOW WILL YOUR **CRAWLSPACE** be constructed?

WHAT TYPE OF **THERMAL SYSTEMS** will be used?

TRADITIONAL HOMES

IMPROPER VENTING

Expensive ridge vent systems, gable vents & mechanical vents bring moisture, dust, pollutants & odors into the building envelope.

THERMAL BARRIER

Insulating at the ceiling level exposes attics to extreme temperature differences where the HVAC system is located causing condensation & pre-mature equipment failure.

ENERGY LOSS

Air leaks from windows, doors & walls account for as much as 31% energy loss.

OVERSIZED HVAC SYSTEMS

Base level HVAC units, minimal ducting & improperly sized systems cause homes to have moisture, pressure, comfort & efficiency issues.

FOUNDATION VENTS

Vents bring warm humid air into the crawlspace. That moisture creates a breeding ground for mold, mildew, wood rot, insects & termites.

STANDING WATER

Water left in the crawlspace contributes to buckled hardwood floors, odors, foundation issues & poor air quality inside the living space.

SYNERGY™ HOMES

IMPROVED THERMAL SYSTEMS

Moving the thermal envelope to the roof deck level and foundation walls utilizing **lcynene® Spray Foam** insulation creates a semi-conditioned environment for your HVAC system to run efficiently and eliminate humidity & condensation.

PROPERLY DESIGNED HVAC SYSTEMS

Sizing calculations, equipment selection, and duct system configurations offer the greatest potential for savings. Often the system size is reduced while providing exceptional energy, comfort & moisture management.

FRESH AIR VENTILATION

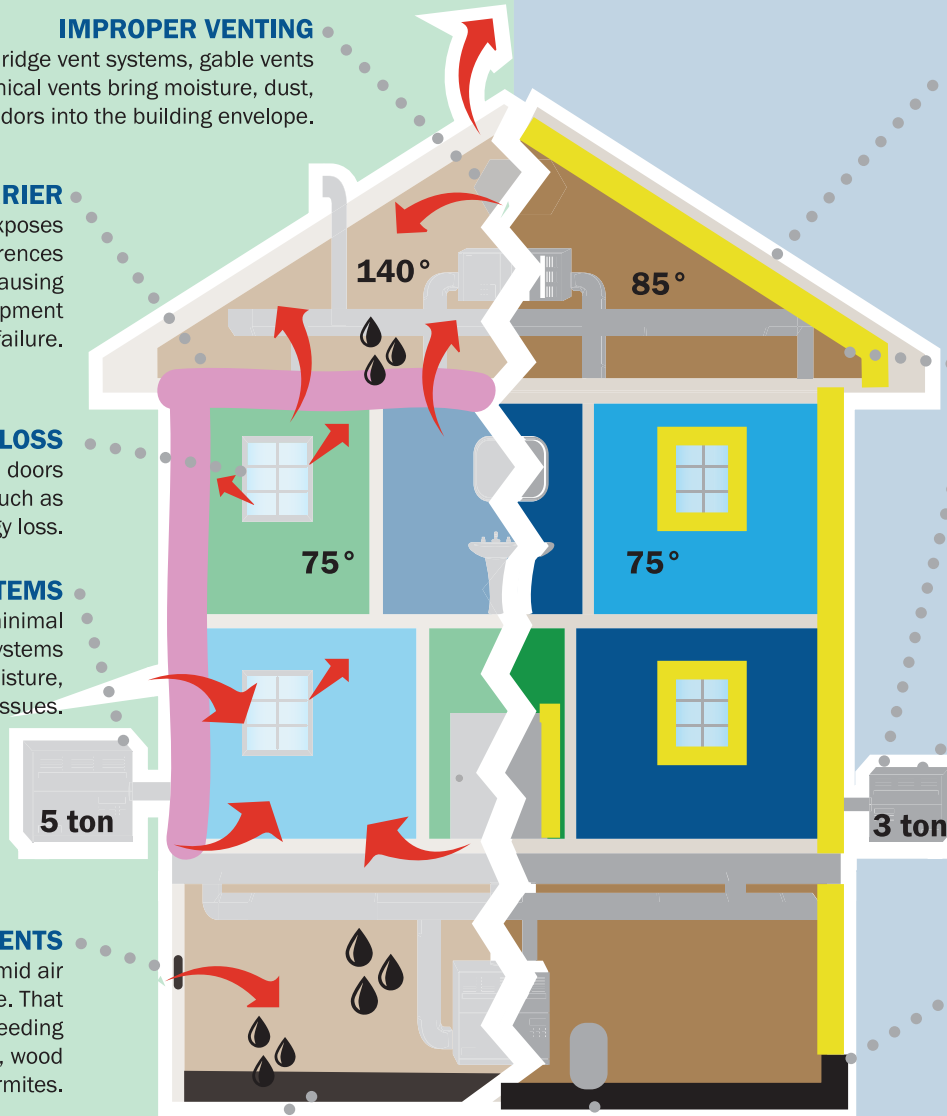
Homes built airtight utilizing controlled mechanical ventilation provide a clean healthy environment.

CLOSED CRAWLSPACES

Controlled environments are key for optimal HVAC equipment, air quality, energy-efficiency and provide significant savings on utility bills.

MOISTURE MANAGEMENT

Commercial grade dehumidifiers help to keep humidity at acceptable ranges and improve comfort.



Don't build a **TRADITIONAL** home. BUILD A **SYNERGY** HOME!

Synergy Home Performance understands the science behind the home's interactive system as a whole. In order for your home to perform correctly, the thermal envelope **MUST** be integrated with the building envelope. We accomplish this with:

- ✓ Airtight Construction
- ✓ Fresh Air Ventilation
- ✓ Improved Thermal Systems
- ✓ Properly Designed HVAC Systems
- ✓ Pressure Balancing
- ✓ Moisture Management

Give us a call today and let's work to get your new home on the path of true energy-efficiency!

**Building Performance Institute Certified, HERS Certified,
NAHB Green Building Professional Certified, State of AL HVAC
Licensed #10069 and State of AL Homebuilders Licensed.**

SYNERGY SERVICES PROVIDED:



HVAC
DESIGN

- Manual J
- Manual S
- Manual D



CLOSED
CRAWLSPACES

- Encapsulation
- Dehumidifiers
- French Drains
- Sump Pumps



INSULATION
SERVICES

- Spray Foam Installation
- Insulation Removal



HOME
TESTING

- Energy Audits
- Code Compliance
- REScheck
- DET Duct Envelope Testing
- Inspection Letters



MAINTENANCE
SERVICES

- Dehumidifiers
- Gas Fireplace Logs

www.WeTestOthersGuess.com

256.350.1779

