PERMIT APPLICATION INFORMATION

ITEMS NEEDED UPON APPLICATION FOR BUILDING PERMIT

1) APPLICATION
2) ADDRESS – obtain from Lee County E911 Communication Coordinator (334-749-6091)
3) PLANS: - A) Residential: 1 set
   - B) Commercial: 1 set, Architect or Engineer Stamped as Required
       (If commercial building is over 2500 sq ft or if educational/assembly)
4) PLOT PLAN – Indicating location of structure on property, building line, lowest floor elevation
   (if in a floodplain), etc.
5) HEALTH DEPARTMENT APPROVAL FOR SEPTIC SYSTEM
6) SURVEY/DEED/PARCEL # --adequate information to locate property on Flood Insurance Rate Map
7) CONTRACTOR AND OWNER INFORMATION AS FOLLOWS:
   CONTRACTOR: Name, address, phone number, copy of current Alabama privilege license
   and Alabama residential home Builders license (if commercial, Alabama general contractors
   license)
   SUBCONTRACTOR: Names, addresses, phone numbers, copy of current Alabama privilege
   license and (HVAC, Plumbing, Electrical) contractor's license

In some cases, it may be necessary for the framing contractor to accompany owner builders to the plan to
address structural details.

NOTE: STRUCTURES OF TWO OR MORE STORIES OR BONUS ROOMS MUST HAVE
FLOOR/CEILING TRUSS PLANS AND BEAMS AND GIRDERs CALCULATED FOR THE
LOADS IMPOSED. ALL ENGINEERED PRODUCTS MUST HAVE LAY-OUT AND LOAD
CALCULATIONS PROVIDED BY THE MANUFACTURER. THIS IS USUALLY PROVIDED BY
THE MANUFACTURER AT LITTLE OR NOT CHARGE. SEE YOUR MATERIAL SUPPLIER
FOR DETAILS.

8) INSPECTIONS REQUIRED:
   The number of inspections will vary depending on the type of construction. It is the responsibility of the
   permit holder to contact the Lee County Inspections Department 24 hours prior to required inspections.
   A) Footing Slab Inspections will be conducted prior to the pouring of concrete. Monolithic
      and build-up slabs must have an inspection of plumbing, electrical, mechanical and gas
      before concrete is poured.
   B) Foundation and floor framing will be inspected prior to the application of floor
      sheathing. A floor framing inspection will be made for each story (floor).
   C) First Rough-In will be conducted prior to the installation of wall covering and will
      include electrical, plumbing, mechanical, and framing inspection.
   D) Test Power inspection will be required before the final inspection. This is for permanent
      power so that all systems can be tested.
   E) The Final Inspection must be conducted prior to issuing a certificate of occupancy and
      will include a lot drainage inspection and final BMP.

NO BUILDING OR HOME IS TO BE OCCUPIED PRIOR TO APPROVAL OF A FINAL INSPECTION
LEE COUNTY ALABAMA BUILDING PERMIT APPLICATION

Application is hereby made according to the laws and ordinances of Lee County, Alabama for a permit to construct and use a building or structure to be located as shown on the accompanying County reviewed plot plan and, if same is granted by the County, I/we agree to conform to all laws and ordinances regulating same. I/we understand that this permit becomes null and void if work is not commenced within 6 months, or if construction or work is suspended or abandoned for a period of 6 months.

ALL APPLICABLE BLANKS MUST BE FILLED IN – PLEASE PRINT LEGIBLY

Application Date: ________________________ Applicant is: ______ Owner ______ Contractor

PROPERTY INFORMATION

Work Site Is: _____ Single Family Dwelling _____ Duplex _____ Townhouse _____ Other (explain) ______________

Project Street Address: __________________________________________________________

Subdivision? _____ No _____ Yes Subdivision Name: ________________________________ Lot No. ______

City Zoning? _____ No _____ Yes Name of City: ___________________________ Zoning Permit No. ______________

Flood plain? _____ No _____ Yes _____ Unsure

Sanitation System: _____ Public Sewer _____ Septic System

CONTACT INFORMATION

Property Owner: ____________________________________________ Tel No. ( ) ____________________________

Address: __________________________________________________________

City: ______________________________ State: __________________ Zip: __________

Contractor: ____________________________________________ Tel No. ___________________________ Fax No. ______

Address: __________________________________________________________

City: ______________________________ State: ______ Zip: ______ Email: ____________________________

Alabama Homebuilders/General Contractor’s License No. __________________ Expires ______________

PROJECT INFORMATION

Work is: _____ New Residential _____ New Non-residential _____ Addition/alteration/repair _____ Accessory Structure

Briefly Describe Work: __________________________________________________________

Foundation is: _____ Slab-on-Grade _____ Crawlspace Foundation _____ Basement Foundation

_____ Engineered Floor Framing System _____ Engineered Roof/Ceiling Framing System _____ Conventional Framing

First Floor Sq ft ______ Second Floor Sq ft ______ Third Floor/Bonus Room Sq ft ______ Basement Sq ft ______ Finished or Unfinished?

Covered Porches Sq ft. ______ Garage Sq ft. ______

Accessory Building Sq ft. ______

Total First, Second, Third Floor/Bonus Room Sq ft: __________

Total Basement Sq ft: __________

Total Garage and/or Covered Porches Sq ft: __________

Total Sq ft under roof: (Commercial Only) __________

For Office Use Only

Valuation: $ __________________

PERMIT FEE: $ __________________

Construction Type: __________

Occupancy Classification: __________

Plans ( )

Plot Plan ( )

Health Dept. Approval ( )

911 Address ( )

Flood Hazard Area: Y N Source: _______ ADECA _______ FIRM

Plans Reviewed/Approved By: ____________________________

Applicant Printed Name: ____________________________

Applicant Signature: ____________________________

Date: __________
This Form Needs to be Completed with Permit Application

Date: ________________

Structure Form

Air Conditioning
_____ Central Air
_____ Electric
_____ Heat Pump
_____ Wall Units

Heating
_____ Electric
_____ Heat Pump
_____ Natural Gas
_____ Oil
_____ Propane
_____ Radiant Floor

Basement
_____ Crawl Space
_____ Full
_____ Half

Other Heating
_____ Fire Place (1)
_____ Fire Place Gas
_____ Wood Stove

Exterior Walls
_____ Aluminum
_____ Brick
_____ Brick/Hardi-Plank
_____ Brick/Vinyl
_____ Hardi-Plank
_____ Metal
_____ Stucco
_____ Vinyl

Roofing
_____ Fiberglass
_____ Metal
_____ Tile
_____ Wood

Foundation
_____ Concrete Block
_____ Conventional
_____ Conventional Crawl Space
_____ Conventional Slab
_____ Conventional M Home
_____ Poured Wall
_____ Slab on Grade

Termite Treatment
_____ Spray
_____ Bait
_____ Boric Acid
_____ Other

Insulation
_____ Fiberglass
_____ Spray Foam
_____ Other

# of Bedrooms
# of Bathrooms

Signed by: ______________________
STATEMENT OF COMPLIANCE WITH ALABAMA STATE ENERGY CODES FOR RESIDENTIAL BUILDINGS

(2009 IECC with State of Alabama Amendments for Residential Dwellings)

The 2009 International Energy Conservation Code, published by the International Codes Council, when used in conjunction with the State of Alabama Energy and Residential Codes, constitutes the official Alabama State Energy Code for Residential Buildings. This Code establishes minimum regulations for energy efficient design, erection, construction, and/or alteration of one-and-two family dwellings and townhouses not more than three stories above grade in height with a separate means of egress and their accessory structures. Compliance with this Energy Code by designers and builders is mandatory.

This form must be completed entirely, signed and submitted at the time of permit application.

BUILDING PERMIT NUMBER: _____________ DATE: __________________

JOB SITE ADDRESS: _______________________________________________

CONTRACTOR/BUILDER: _____________________________________________

I/we do certify by signature below that the above permitted structure shall be built in compliance with the State of Alabama Energy Codes using one of the following methods: (Indicate with an “x” the appropriate choice.)

___ Insulation, Window and Door Requirements by Component (Prescriptive Component Approach)

This approach is assumed unless documentation is provided by the builder that either the trade-off or simulated performance options are being used. Insulation and window requirements prescribed in the 2009 IECC or Chapter 11 of the International Residential Code must be strictly adhered to in addition to the mandatory requirements for building envelope air sealing and mechanical systems (plumbing, electrical, HVAC). Applicants must complete the Energy Code Prescriptive Approach Worksheet and submit it along with the permit application and the construction plans for review.

___ REScheck with 2009 IECC as chosen option (Component UA Trade-off Approach)

Applicant must prepare and submit a REScheck report along with a building permit application, this form, and the construction plans for review. REScheck is available as a free download at http://www.energycodes.gov/Rescheck. REScheck allows you to demonstrate compliance with the weighted-average SHGC requirement and to perform simple trade-offs among building envelope components as well as receive credit for higher than standard heating and cooling equipment efficiencies. If using REScheck, you must use the Alabama version. Unless you are familiar with using REScheck software, download the ‘REScheck Software User’s Guide’, while at the DOE website. The user’s guide is imperative to understanding and using the software program correctly. After download and to establish the correct minimum compliance values for use in Lee County, select the City of Auburn or City of Opelika as your destination location. REScheck will automatically preset all climatic defaults specifically for IECC Codes compliance in Lee County.

Two (2) signed copies of the REScheck printed report for the work to be permitted must be submitted with each building permit application. One copy will be stamped “Reviewed For Codes Compliance” and will be given back to you at permit issue... This copy must be on the construction site and available to inspectors during inspections. The remaining copy will be retained for County records.

Mandatory requirements for building envelope air sealing and mechanical systems must be met even if using REScheck.

___ IECC Section R405 (Simulated Performance Approach)

Section R405 provides an alternative way to meet the code’s goal of effective use of energy based on a comprehensive analysis showing that the predicted annual energy costs of a proposed home design is less than or equal to that of a standard reference design (the same home built to meet the prescriptive criteria in the code). Because of the level of detail required in the analysis, this method is not often used for residential buildings. Please contact the Building Official for more information.

Mandatory requirements for building envelope air sealing and mechanical systems must be met even if using the Simulated Performance Approach.

Signature: ____________________________ Date: ______________________
## Mandatory Energy Code Component Worksheet for Plan Review

This form must be completed and submitted with all building plans

Project address: ________________  City: ______________ State: ___________ Zip: ___________

### Building Envelope Information

<table>
<thead>
<tr>
<th>Component</th>
<th>Type</th>
<th>R-value</th>
<th>Marked On Plan AS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat Ceiling R-value: (R30 min)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sloped Ceiling / Roof Deck R-value: (R30 min) (R19 w/REScheck)</td>
<td></td>
<td></td>
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<tr>
<td>Exterior Wall R-value: (R13 min)</td>
<td></td>
<td></td>
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<tr>
<td>Attic Knee Wall R-value: (R13 min)</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Attic Knee Wall Sheathing R-value: (R5 min)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Basement Stud Wall R-value: (R13 min)</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Basement Mass Wall R-value: (R5 min)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sealed Crawlspace Stud Wall R-value: (R13 min)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sealed Crawlspace Mass Wall R-value: (R5 min)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Floor over Unconditioned Space R-value: (R19 min)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Floor over Air R-value: (R19 min)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other Insulation R-value and description:</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Window Size

<table>
<thead>
<tr>
<th>Window Size</th>
<th>Qty</th>
<th>U-Factor</th>
<th>SHGC</th>
<th>Marked On Plan AS</th>
</tr>
</thead>
<tbody>
<tr>
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</tbody>
</table>

Skylight

<table>
<thead>
<tr>
<th>Glazed Door</th>
<th>Qty</th>
<th>U-Factor</th>
<th>Marked On Plan AS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(&gt; 50% glazed)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Opaque Door</th>
<th>Qty</th>
<th>U-Factor</th>
<th>Marked On Plan AS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(&lt; 50% glazed)</td>
<td></td>
</tr>
</tbody>
</table>
How To Pass An Energy Conservation Inspection In Lee County

1) Educate and Evaluate:

Know and understand what a **building thermal envelope** is and how to properly identify it on your building.

2) Prepare and Provide:

Prepare your building plan submittals in sufficient detail and provide the necessary documentation for plan review and approval.

3) Communicate and Confirm:

Explain to your framers that it is important to follow the energy conservation requirements and confirm that they know what they are supposed to do.

4) Visit and Verify:

Visit your project often to verify that the work is being done correctly.

- Ensure that all penetrations, joints, seams, gaps, etc. in the **building thermal envelope** are sealed creating a continuous air barrier between the conditioned spaces inside and the unconditioned spaces outside. The goal is to make the **building thermal envelope** virtually airtight.

- Make sure that all windows and doors are installed and flashed correctly and have legible NFRC labels confirming that they meet or exceed the prescriptive U-Factor (max 0.50) and SHGC (max 0.30) requirements for Climate Zone 3 in Table 402.1.1 of the IECC or the values listed on the REScheck report if you chose the REScheck option for plan approval.

### IECC Table 402.1.1

<table>
<thead>
<tr>
<th>CLIMATE ZONE</th>
<th>FENESTRATION UF ACTOR</th>
<th>SKYLIGHT UF ACTOR</th>
<th>GLAZED FENESTRATION SHGC</th>
<th>CEILING R-VALUE</th>
<th>WOOD FRAME WALL R-VALUE</th>
<th>MASS WALL R-VALUE</th>
<th>FLOOR R-VALUE</th>
<th>BASEMENT WALL R-VALUE</th>
<th>SLAB R-VALUE &amp; DEPTH</th>
<th>CRAWL SPACE WALL R-VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1.2</td>
<td>0.75</td>
<td>0.30</td>
<td>0.10</td>
<td>3/4</td>
<td>13</td>
<td>13</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2</td>
<td>0.65</td>
<td>0.75</td>
<td>0.30</td>
<td>0.10</td>
<td>4.6</td>
<td>13</td>
<td>13</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>3</td>
<td>0.50</td>
<td>0.65</td>
<td>0.30</td>
<td>0.10</td>
<td>5/8</td>
<td>19</td>
<td>5/13</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

- Confirm that the **building thermal envelope** is insulated to code requirements and that the insulation is installed correctly by being in continuous contact throughout the entire envelope.

- Ensure that your HVAC contractor has installed a heating and cooling system according to “Manual J” calculations and that the system was approved during the plan review. Also check for the proper sealing and insulation of the duct system. Beginning July 1st, 2013 a duct blaster test will be required unless the air handler and all of the systems duct work is located completely inside conditioned spaces. Also make sure that all mechanical, ventilation, and/or exhaust systems are installed correctly. Additionally, in order to pass the final inspection and receive a Certificate of Occupancy, you will be required to submit a successful blower door test or an Air Barrier and Insulation Inspection Checklist which must be verified by a Lee County Building Inspector or a qualified third party that is independent of the insulation installer and approved by the Building Official to perform such inspections.

- If you have a circulating water heater or swimming pool, be certain that the specific requirements for each have been met.

- See to it that at least half of the light bulbs installed in permanent light fixtures are high-efficacy. The definition of high-efficacy is: Compact fluorescent lamps, T-8 or smaller diameter linear fluorescent lamps or lamps with a minimum capacity to produce: 60 lumens per watt for lamps over 40 watts, 50 lumens per watt for lamps over 15 watts up to 40 watts, or 40 lumens per watt for lamps 15 watts or less.

- The Lee County Energy Code Compliance Certificate should be posted on or near the electrical panel or air handler.
# AIR BARRIER AND INSULATION INSPECTION VERIFICATION CHECKLIST

In the checklist below, ‘AB’ and ‘I’ stand for the air barrier and insulation inspection components to be verified. Lee County Building Inspections (LCBI) will always verify the ‘I’ components and as many of the ‘AB’ components as possible during scheduled inspections. If LCBI does not verify the ‘AB’ components, they may be verified by a person independent of the insulation installer who is qualified to perform such inspections and who has been approved by the Building Official. Compliance may also be verified by a blower door test. **Note: If any ‘AB’ component is covered up before a visual inspection is completed a blower door test becomes mandatory.**

<table>
<thead>
<tr>
<th>Component</th>
<th>Criteria</th>
<th>Y, N, or N/A</th>
<th>Comments</th>
<th>Initials</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Floors (including above-garage and cantilevered floors)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General</td>
<td>I Insulation is installed to maintain permanent contact with underside of subfloor decking.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AB</td>
<td>Air barrier is installed at any exposed edge of insulation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rim Joists</td>
<td>I Rim joists are insulated.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AB</td>
<td>Rim joists include an air barrier.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Walls</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General</td>
<td>I Corners and headers are insulated.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AB</td>
<td>Junction of foundation and sill plate is sealed.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crawl space walls</td>
<td>I Insulation is permanently attached to walls.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I Exposed earth in unvented crawl spaces is covered with Class I vapor retarder with overlapping joints taped.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Windows and doors</td>
<td>AB Space between window/door jambs and framing is sealed.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Garage separation</td>
<td>AB Air sealing is provided between the garage and conditioned spaces.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plumbing and wiring</td>
<td>I Insulation is placed between outside and pipes. Batt insulation is cut to fit around wiring and plumbing, or sprayed/blown insulation extends behind piping and wiring.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shower/tub on exterior wall</td>
<td>I Showers and tubs on exterior walls have insulation.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AB</td>
<td>Showers and tubs on exterior walls have an air barrier separating them from the exterior wall.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electrical/phone box on exterior walls</td>
<td>AB Air barrier extends behind boxes or air sealed-type boxes are installed.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Common wall</td>
<td>AB Air barrier is installed in common wall between dwelling units.</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Fireplace</td>
<td>AB Fireplace walls include an air barrier.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Ceiling/Attic</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General</td>
<td>AB Air barrier in any dropped ceiling/soffit is substantially aligned with insulation and any gaps are sealed. Attic access (except unvented attic), knee wall, or drop down stair is sealed.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recessed Lighting</td>
<td>AB Recessed light fixtures penetrating thermal envelope are air tight, IC-rated, and sealed to drywall.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Category</td>
<td>Code</td>
<td>Description</td>
<td></td>
<td></td>
<td></td>
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<td>-------------------------------</td>
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<td>---------------------------------------------------------------------------------------------------------------------------------------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air barrier and thermal barrier</td>
<td>I, AB</td>
<td>Exterior thermal envelope insulation for framed assemblies is installed insubstantial contact and continuous alignment with building envelope air barrier. Breaks or joints in air barrier are filled or repaired. Air-permeable insulation is NOT used as a sealing material. Air-permeable insulation is inside of an air barrier.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shafts, penetrations</td>
<td>AB</td>
<td>Duct shafts, utility penetrations, knee walls and flue shafts opening to exterior or unconditioned space are sealed.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Narrow Cavities</td>
<td>I</td>
<td>Batts in narrow cavities are cut to fit, or narrow cavities are filled with sprayed/blown insulation.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HVAC register boots</td>
<td>AB</td>
<td>HVAC register boots that penetrate building envelope are sealed to subfloor or drywall.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Third Party Certification:**

The undersigned certifies that he/she has been approved by the Lee County Building Official to perform a visual inspection of the components listed above on the property located at _______________. I/we further certify that the criteria listed for each component that I/we have initialed above has been met and appears to meet the requirements of the Alabama Energy and Residential Code.

NAME: __________________________ Signature: ______________________________

Date: __________________________

Permit Number: _______
Lee County Alabama
Required Inspections for Residential Construction Projects

The permit which you have been issued gives authority for work to commence. The approved plans, returned with this permit, shall be retained at the job site and be available for inspectors on request. It shall be the applicant’s responsibility to perform all work in accordance with the Lee County Building and Administrative Codes, and within the scope of what was authorized by the plans submitted and approved. Changes to these plans must be approved by this office. Please post your permit card in a prominent location.

Inspections at various stages of work are required by this office. The required inspections for buildings are listed below. **Requested inspections require 24 hour advance notice. Only inspections requested before 2:00 p.m. on normal business days will be scheduled for the next day.** If work is not complete and open for inspection, it may be subject to a $25.00 re-inspection fee. A contractor or individual will be allowed one (1) inspection and one (1) re-inspection of the same phase of work. The third inspection of the same phase is subject to a $25.00 re-inspection fee. All additional inspections of the same phase of work is subject to a $100.00 re-inspection fee.

Separate permits are required for building, mechanical, electrical, and plumbing work. No requested inspection is performed unless a valid permit exists for that work. Work performed without a permit, when permit is required, is subject to a penalty of 100 percent of the usual permit fee in addition to the required permit fees. If you have a question whether a permit is required, or if work is within the scope of any permit issued, call the Lee County Building Inspections Department at (334) 737-7014. **If you feel that it is necessary to speak directly to an inspector, their office hours are 7:00 a.m. to 8:00 a.m. and 2:30 p.m. to 3:30 p.m. only.**

**BUILDING INSPECTIONS REQUIRED**

**STORM WATER RUNOFF CONTROL (SWRC) INITIAL INSPECTION:**

All construction sites involving land disturbance, regardless of the amount, must at a minimum, be provided with construction entrances and sediment barriers designed in accordance with the Alabama Handbook for Erosion Control and Storm Water Management on Construction Sites and Urban Areas to minimize erosion and control the amount and intensity of storm water runoff from the site. BMP’s must be in place and pass an initial inspection prior to commencement of any construction activity. Please note that SWRC inspections will be included as part of all future inspections, including sub-contractor inspections. **Any type of inspection may be withheld or delayed due to a SWRC violation.**
FOOTING:

To be made after basement or footing trenches are excavated and forms, where applicable, are erected. All reinforcement steel, when necessary, must be in place and anchored. This inspection must be made prior to pouring concrete. For slab on grade (monolithic pour) construction, this inspection includes the foundation inspection. Structures with reinforcing steel that is \( \frac{1}{2}'' \) or larger and 20' or longer must have a grounding electrode system installed per National Electrical Code 250.50 (3). This will be inspected at the same time as the footing inspection.

FOUNDATION:

1. Masonry Foundation Wall Inspection

The foundation block must be completed to the level of the finish grade, and be continuous over any steps or grade changes. Piers must be complete to the level of finish grade and any brick or other veneer must also be in place. All bonding and/or lateral support of intersecting walls must be complete and visible. All form boards or step boards must be removed and the foundation trench ready for backfilling. Basement walls must be inspected for water-proofing method, drains, gravel, and filter cloth before being backfilled. The top of the footings must be clean and clearly visible.

2. Poured Concrete Foundation Wall Inspection

All required horizontal and vertical rebar must be in place along with at least one side of the form boards. All bonding and/or lateral support of intersecting walls must be complete and visible. The top of the footings must be clean and clearly visible. Basement walls must be inspected for water-proofing method, drains, gravel, and filter cloth before being backfilled.

3. Under-slab Utilities Inspection

All utilities (plumbing, electrical, etc.) located in or under a concrete slab must be approved before pouring concrete.

4. Concrete Slab Inspection

To be made prior to pouring a concrete slab. All reinforcing steel, vapor barriers, fill material if required, etc. must be in place and ready to inspect before scheduling this inspection. A compaction certification is required where fill material exceeds 24 inches in depth. Concrete material waiting to be installed on site will not be an excuse to allow incomplete slabs to be inspected.

5. Floor Joists (Sub-floor) Inspection

To be made after beams and floor-joists have been installed. Sub-floor sheathing must not be installed before this inspection has been approved. If there is a basement, the first floor system must have all supports (posts, columns) for beams and girders in place and secured.

FRAMING:

To be made after all framing, including the roof, exterior sheathing and water-resistive barrier (house wrap, etc.), fire stopping, blocking and bracing is in place, and the sub-flooring has been installed. The building should be “dried in” including windows, doors, and roof covering for this inspection. The first
of several mandatory visual air barrier inspections will be performed during this inspection in which the inspector will be checking for air sealing requirements of the building thermal envelope. Window and door flashing will be inspected and, at the inspector’s discretion, joints or seams on the exterior sheathing under the water-resistant barrier if the inspector suspects improper or inadequate air sealing techniques. Do not install exterior wall covering (siding, brick veneer, etc.) or interior insulation before the framing inspection is approved.

ROUGH-IN:

A rough-in inspection must be scheduled after all plumbing, electrical, mechanical (HVAC), and/or fireplace installations are in place and prior to covering or concealment. Visual air barrier inspections will continue during this inspection in addition to the specific inspections listed below. It is preferable to schedule all trade rough-ins at the same time.

1. Electrical Rough-in Inspection

Rough-in inspections must be scheduled after all interior wiring and electrical equipment have been installed, but prior to covering or concealment and prior to installation of insulation. It will be helpful to schedule trade rough-ins at the same time or on the same day that other trades have scheduled rough-in inspections. All trades must be passed ahead of the mandatory insulation inspection.

2. Plumbing Rough-in Inspection

Rough-in inspections must be made after all interior piping (water and sewer) have been installed and tested, and prior to concealment. Plumbing contractors should ensure that the mandatory insulation and air barrier is in place behind tubs and/or shower units located on exterior walls before they set the unit. It will be helpful to schedule trade rough-ins at the same time or on the same day as other trades have scheduled rough-in inspections. All trades must be passed ahead of the mandatory insulation inspection. Water and sewer inspections are to be made after all water and sewer lines are installed from the water and sewer mains to the structure. The trench must be open and all lines accessible to the inspector.

3. Mechanical Rough-in Inspections

Rough-in inspections must be made after the installation of all equipment, duct work, gas lines, etc., prior to covering or concealment. It will be helpful to schedule trade rough-ins at the same time or on the same day as other trades have scheduled rough-in inspections. All trades must be passed ahead of the mandatory insulation inspection. At the mechanical rough-in inspection of a new home either a visual inspection of the duct sealing method will be required or the permit holder must have a duct blaster test performed by a qualified individual or company. The results of this test must be supplied in writing to the building department prior to the final inspection. Note: Beginning July 1, 2012 a duct blaster test becomes mandatory on all residential systems per Alabama energy codes.

INSULATION/PRE-DRYWALL:

To be made when all required insulation has been installed. Any air barrier inspection not performed during previous inspections will be completed during this inspection. In the event that the contractor intends to use blown insulation in the ceilings, that portion of this inspection may be delayed until and
during the final inspection. *If any mandatory insulation or air barrier component is covered up or concealed before it is inspected, the house must pass a blower door test performed by a qualified individual or company and documentation must be provided to Lee County Building Inspections before a final inspection can be scheduled.*

Caution: If a contractor elects to use spray foam insulation in the attic or under flooring, additional requirements apply and a trade-off compliance approach such as ResCheck must be performed in order to pass Alabama energy codes. Contact Lee County Building Inspections before applying the spray foam!

**PERMANENT POWER:**

All electrical contractors will have the option to request a permanent electrical power inspection for one and two-family residences once the interior wall and ceiling coverings are installed and the following requirements are met:

1. The service wiring and equipment, including the meter socket enclosure is installed and the service wiring terminated.

2. The grounding electrode system is installed and terminated.

3. At least one dedicated receptacle outlet on a ground fault protected circuit is installed and the circuit wiring terminated.

4. Service equipment covers are installed.

**PERMANENT POWER DOES NOT MEAN YOU CAN OCCUPY OR USE THE STRUCTURE. YOU MUST HAVE A C.O. FIRST!**

**FINAL INSPECTION:**

To be made after the building has been completed and is ready for occupancy. This inspection will not be made until all required electrical, plumbing, gas, fireplace, mechanical, and energy conservation inspections have been made and the work approved. A permanent 911 address must be prominently displayed and easily viewed from the roadway. A Certificate Occupancy is issued only after completion of this inspection. The inspector will also check the required erosion control measures. All disturbed land areas must be stabilized before a Certificate of Occupancy can be issued. *The structure may not be used or occupied in whole or part until issuance of a Certificate of Occupancy.*

**TEMPORARY (CONSTRUCTION POWER POLE)**

All temporary power poles must be installed and inspected prior to requesting temporary power.