



# BUILDERS' BEACON

Volume VIII Issue 3

Fall, 2004

## LAKE COUNTY BUILDING SERVICES



### Inside this issue:

Plan Review/Plywood	2
Block Permits	2
Low Voltage/Licensing	3
Permit Applications	3
Inspector's Numbers	4
Sheathing Inspections	4
State Registered Cont.	5
Continuing Education	5
Unlicensed Contractors	6
Temporary Poles	8
Electrical Receptacles	9
Recessed Lighting	10

### Calendar -

**Office will be closed:**  
**11/11 Veteran's Day**  
**11/25 & 26 Thanksgiving**  
**12/24 Christmas**  
**12/31 New Year's Day**

## Plan Review and Electronic Data Storage

We have implemented an electronic review process in conjunction with the new scanning process for permitting packages. At this point, only one set of sealed building plans will be required. You may submit more if you desire. We will electronically scan the submitted set for record keeping and return the sealed set to the contractor for use as the "Inspector set" of plans. The building inspections will be done only from that sealed set of plans. Other permit items and paperwork will be scanned as file copies and therefore reduce the amount of paperwork for the county and contractors. The exact paper requirements will be fully developed as we refine the new process.

Electronic review process can also be implemented allowing the plans examiners to have

direct communication with the designers and engineers. We will be accepting PDF format plans for review and comment, once a release form has been submitted. We will be able to e-mail actual plans with



"Mark-ups" in conjunction with our current deficiency letters to the Engineer/Architect to quickly identify areas of concern or questions. Using Acrobat 6, we will be able to com-

ment and mark plans as approved for printing, reducing the time lost due to paper plan submittal. This new process will greatly improve review time once fully developed after a normal learning process. More information and guidelines will be available in separate brochures.

Please contact Skip Nemecek—Chief Plans Examiner at (352)394-5962 for additional information or suggestions.



**Building Services****Admin. Director**

Dale T. Greiner

**Office Coordinator**

Carmen Carroll

**Acting Lead Specialist**

Rosalee Jackson

**Chief Electrical****Inspector**

Jay Dagner

**License Investigators**

Mark Jones

Tony Lopresto

**Chief Plans Examiner**

Skip Nemecek

**Chief Bldg Inspector**

Ron Schwab

**Chief Fire Inspector**

Al Sikes

**Public Hearing****Coordinator**

Deborah Kohler

**Licensing Specialist**

Kathy Padgett

**Plans Examiners**

Kenn Eilers

Steve Gladwell

Bill Hechler

Melving Isaac

Don Lally

Dave Miller

Sasha Namundi

Milan Paule

Russ Priestly

Mike Timpanaro

Jim Washington

George Williams

**Associate Examiners**

Brook Miller

Debby Padgett

**Fire Inspectors**

Gene Brewer

Robin Gutting

Brian Hawthorne

**Permit Specialists**

Traci Bates

Andrea Carter

Teresa Dunham

Brenda Eastman

Maureen Greaney

Tracey Isbill

Jennifer Lobato

Jennifer Lowe

Lorena McCarroll

Jennifer Myers

Dawn Stalnaker

Annette Williams

**Building Inspectors**

Ron Allen

Dewey Anderson

Jim Copenhagen

Sheila Denoncourt

Paul Doran

Donald Glessner

Matt Hudson

Billy Jenkins

Dale Manning

Wayne McGhee

Jerry Miller

Jeff Sandy

Ray Schaub

Ken Scheitler

Tom Schmedes

Robert Siemer

Jerry Trantham

Frank Valenti

**Reminder from Inspectors...****Plywood/OSB improperly spaced and nailed to the framing members...**

If framing crews master this one item, 90% of the callbacks for roof complaints will disappear. Take a closer look at the trademark on the panel. It will usually say sized for spacing, meaning that a square-edged rated



sheathing panel is manufactured plus/minus 1/8" to allow for the gap.

If you have not gapped them they will buckle. This gap applies to floor, wall, and roof sheathing. Using clips on a roof helps maintain spacing along panel edges, but not at the panel ends. An 8d nail placed between the panels is an easy way to keep consistent spacing. Prevent edge curl by holding the nail, 3/8" in from the edge. Nail along the edge every 6" and along the intermediate supports every 12". And be sure to remove shiners or nails that miss the flange.

**BLOCK PERMITS*****How do I activate my permits in order to get my inspections?***

PRIOR to the start of any job, you **MUST** fax the following information to us at 352-343-9661:

- The front of the application with the permit number, customer's name, phone number, job address & existing site development (single family residence/SFR or mobile home/MH) and detailed directions to the job site.
- Copy of the contract with permit number written on it.
- Tax receipt or recorded warranty deed with permit number on it.
- Copy of yellow card (inspection record) with job address on it.
- Copy of plans for fire sprinklers, fire alarms & screen "fill ins".
- If work is being performed in a RV park, we need written permission from park management on the park's letterhead.
- If the job value is more than \$2500 (\$5000 for mechanical) we will need a Notice of Commencement prior to first inspection.
- Plans will be required on the job site along with the yellow card.

## COMPLETE PERMITTING PACKAGES REQUIRED

In an effort to make our permitting process more efficient, we will require that all permit package submittals are complete. Permitting packages will not be processed, and in some cases, not accepted for plans review or permit processing until all items required for permitting are submitted.

We believe this will help expedite the process, as delays are sometimes caused by lack of information. Please help us improve our permitting process.

- Application for building/zoning permit
- Owner/builder affidavit, if required
- Tax receipt, property record card, or recorded deed
- One set of construction plans
- Three plot plans
- Energy codes, if applicable
- Detailed directions to the job site
- Copies of flood papers, wetland affidavit
- Driveway permit application
- Notice of Commencement
- Original of impact fee pre-payment certificates, if applicable
- Copies of concurrency credits, if applicable



## Low Voltage Permit & License Requirements

The Florida Building Code Section 104.1.1 requires a permit for all electrical work. This would include low voltage electrical in commercial as well as residential. Furthermore, Florida Statutes 489 Part II defines the requirements for licensure of electrical and alarm contractors. The only individuals qualified to install Burglar & Fire alarm systems are those holding an EC, EF, EG, EH, EI, or EJ license. Those individuals with an ER license may bid on electrical contracts which include alarm system contracting as part of the contract, but they must subcontract the alarm portion to a properly certified or registered alarm contractor.



## Look Who's on Board...

The Lake County Building Services Division would like to welcome Ron Schwab on board as our new Chief Building Inspector. Also Paul Doran, Robert Siemer & Frank Valenti as Building Inspectors, Dave Miller & Russ Priestly as our new Plans Examiners, Debbie Padgett as Associate Plans Examiner, Rosalee Jackson as Acting Lead Specialist and Andrea Carter and Maureen Greaney as our new Permit Specialists... **Welcome!**



## Inspectors' Nextel and Phone Numbers

<b>Building Inspectors</b>	<b>Nextel ID</b>	<b>Cell Number</b>
Allen, Ron	162*57940*21	352-636-5594
Anderson, Dewey	162*57940*7	352-636-5565
Copenhaver, Jim	162*57940*8	352-636-5567
Denoncourt, Sheila	162*57940*13	352-636-5578
Doran, Paul	162*57940*25	352-636-5602
Glessner, Don	162*57940*53	352-636-6280
Hudson, Matt	162*57940*24	352-636-5600
Jenkins, Bill	162*57940*12	352-636-5576
Manning, Dale	162*57940*55	352-636-6521
McGhee, Wayne	162*57940*15	352-636-5582
Miller, Jerry	162*57940*16	352-636-5584
Sandy, Jeff	162*57940*27	352-636-5606
Schaub, Ray	162*57940*54	352-636-6428
Scheitler, Ken	162*57940*18	352-636-5588
Schmedes, Tom	162*57940*28	352-636-5608
Siemer, Robert	162*57940*32	352-636-5616
Trantham, JT	162*57940*31	352-636-5614
Valenti, Frank	162*57940*22	352-636-5596
<b>Fire Inspectors</b>		
Gutting, Robin	162*57940*10	352-636-5572
Hawthorne, Brian	162*57940*11	352-636-5574



## Sheathing/Inspections

Contractors are encouraged to call in for sheathing inspections as an individual inspection. Waiting until the framing inspection may result in removal of roofing material for correction of sheathing installation. Sheathing inspection AIRS code is: 134.



## Soffit Installation

The past weather events have produced soffit "blow-outs" in numerous homes. Contractors are cautioned to review and comply with the installation instructions for this construction component. Absence of soffit materials allows wind driven rain into the attic space causing unwanted damage.

# STATE REGISTERED CONTRACTORS AND LOCAL CONTRACTORS

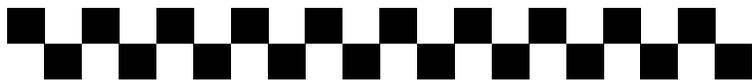
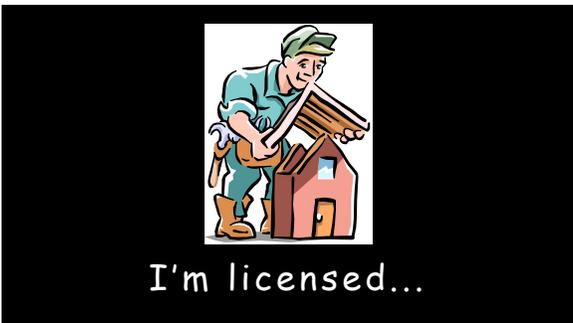
As you know, September is the time of year for Lake County registered contractors to renew or update their licenses. All registered Electricians, Plumbers, and Air Conditioning contractors only need to update their paper work. (Copy of state license, occupational license, and **original** bond or continuation certificate, liability insurance and workers compensation coverage or current workers compensation exemption). **All other registered contractors will need to renew their license this year.** You will need to submit the needed paperwork listed above along with your \$100.00 renewal fee. (Registered contractors can renew August 1st or after.)

Note: All paperwork must reflect the same information on your state card (i.e., if the state card is issued with a business name, then all documentation submitted must also

include your name and show the business name. Reminder, if you changed to Incorporated or a Limited Liability (LLC) you had to do a change of status with the Department of Business and Professional Regulations by July 1, 2004.

Remember to sign your competency card when you receive it. If you would like the competency card laminated bring it to the Building Services Division and we will laminate it for you.

Just a reminder ... on August 31, 2004, a maintenance fee of \$30.00 is due to hold your license information in our computer system until August 31, 2005. If you do not wish to pay the maintenance fee, you will need to bring your license information with you for every permit issued.



## WHICH WAY DO WE GO?

To help us get to your job site, we **must** have detailed directions from our office location or a major highway. Please make sure that the directions are "lot" specific. Having the correct directions will guarantee that your scheduled inspection will be made per your request and in a timely manner.



## Continuing Education Requirements

*To all Local Registered Concrete, Masonry, Marine, Carpentry, Sign, Aluminum Erection, Siding, Stucco and Irrigation Contractors:*

Just a reminder that before you renew your license this September, you will be required to provide us with a copy of your certificates of completion of your 14 hours of continuing education. Of those 14 hours, you will

one hour of work-place safety practices, one hour of business practices, and one hour of workman's compensation.

These ceu's must be approved by the state and have a ceu approval number on the certificates. You can go to the state's web site at [www.myflorida.com](http://www.myflorida.com) and continuing education to get a list of approved providers.

## Unlicensed Contractors

Florida State Statute 455.228  
**Unlicensed practice of a profession; cease and desist notice; civil penalty; enforcement; citations; allocation of moneys collected.**

1. When the department has probable cause to believe that any person not licensed by the department, or the appropriate regulatory board within the department, has violated any provision of this chapter or any statute that relates to the practice of a profession regulated by the department, or any rule adopted pursuant thereto, the department may issue and deliver to such person a notice to cease and desist from any such violation. **In addition, the department may issue and deliver a notice to cease and desist to any person who aids and abets the unlicensed practice of a profession by employing such unlicensed person.** The issuance of a notice to cease and desist shall not constitute agency action for which a hearing under ss. 120.569 and 120.57 may be sought. For the purpose of enforcing a cease and desist order, the department may file a proceeding in the name of the state seeking issuance of an injunction or a writ of mandamus against any person who violates any provisions of such order. In addition to the foregoing remedies, the department may impose an administrative penalty **not to exceed \$5,000 per incident** pursuant to the provisions of chapter 10 or may issue a citation pursuant to the provisions of subsection (3). If the department is required to seek enforcement of the order for a penalty pursuant to s. 120.569, it shall be entitled to

collect its attorney's fees and costs, together with any cost of collection.

2. In addition to or in lieu of any remedy provided in subsection (1), the department may seek the imposition of a civil penalty through the circuit court for any violation for which the department may issue a notice to cease and desist under subsection (1). The civil penalty shall be no less than **\$500 and no more than \$5,000 for each offense**. The court may also award to the prevailing party court costs and reasonable attorney fees and, in the event the department prevails, may also award reasonable costs of investigation.

3. (a) Notwithstanding the provisions of s. 455.225, the department shall adopt rules to permit the issuance of citations for unlicensed practice of a profession. The citation shall be issued to the subject and shall contain the subject's name and any other information the department determines to be necessary to identify the subject, a brief factual statement, the sections of the law allegedly violated, and the penalty imposed. The citation must clearly state that the subject may choose, in lieu of accepting the citation, to follow the procedure under s. 455.225. If the subject disputes the matter in the citation, the procedures set forth in s. 455.225 must be followed. However, if the subject does

not dispute the matter in the citation with the department within 30 days after citation is served, the citation shall become a final order of the department. The penalty shall be a fine of not less than \$500 or more than \$5,000 or other conditions as established by rule.

(b) Each day that the unlicensed practice continues after issuance of a citation constitutes a separate violation.

(c.) The department shall be entitled to recover the costs of investigation, in addition to any penalty provided according to department rule as part of the penalty levied pursuant to the citation.

(d) Service of a citation may be made by personal service or certified mail, restricted delivery, to the subject at the subject's last known address.

4. All fines, fees, and costs collected through the procedures set forth in this section shall be allocated to the professions in the manner provided for in s. 455.225 for the allocation of the fees assessed and collected to combat unlicensed practice of a profession.

5. The provisions of this section apply only to the provisions of s. 455.217 and the professional practice acts administered by the department.



# WE NEED YOUR HELP!!

The Building Services Division requires 24 hour notification for inspections. However, as a courtesy and when necessary, you may call in anytime prior to 6:00 am the morning of the day you wish to have the inspection and still receive the inspection that day. (We suggest you don't wait until the last minute because of the difference in clocks.) Any requests after 6:00 am will automatically be set-up for the next working day.

This service is provided in an effort to supply you with the

best service possible. This is where we need your help – **PLEASE MAKE SURE YOUR PROJECT IS READY WHEN YOU CALL FOR YOUR INSPECTION.** The inspection team has observed a number of situations where the inspections were requested, apparently in anticipation of the inspector arriving later in the day. Inspectors don't always work in the same area and they schedule their routes as a team to evenly distribute the load. The only way to be sure of the approximate inspection time is to contact the inspector between

7:00 and 7:30 am the day of the inspection. It is understood that the responsible individual or individuals in charge of the construction shall have, themselves, inspected the work and found it to be in compliance with Code requirements before request for inspection is made.

**PLEASE DO NOT ANTICIPATE ---- PLAN AHEAD AND BE READY.**



## VOIDED PERMITS

A project is not considered completed until a final inspection is obtained. There are a lot of permits that are issued to contractors that never receive final inspections. The state required minimum Building Code has specific requirements for final inspections:

- A final inspection must be received on any job permitted.
- A permit becomes invalid after six (6) months if an approved inspection has not been obtained. If you receive an approved inspection within the first six (6) months, the permit is then valid for one (1) year from date of issue.
- A Warning Letter will be sent to contractors who have permits that are pending expiration. The warning letters allow you time to call for your final inspection. If the inspection is turned down you will have time to make any corrections necessary and call for re-inspection. If the permit expires and becomes null and void, the

permit will have to be renewed and final inspections called in.

- Once a permit has expired, a Notice of Non-compliance will be issued to the contractor. If the permit is not brought into compliance, it will be considered a Willful Violation of the Florida Building Code and further action may be taken against the contractor's license and/or permitting privileges.
- If you have a valid permit, and you are no longer going to finish the job, you must submit a notarized letter to the Building Services Division requesting that the permit be voided and state the reason.
- If you think you have jobs that are completed and have never received a final inspection, you need to request a final inspection as soon as possible to avoid a Notice of Non-Compliance.
- **CALL THE AIRS SYSTEM (352-343-9634) TO REQUEST YOUR INSPECTIONS.**

# Temporary Poles

## Service conductors:

Unsafe Temporary Poles, exist when service conductors and raceways are too long or too short for connection.

In a meeting with Progress Energy, a compromise position was achieved.

Raceways shall not be any longer than six (6) feet after entering the ground.

Conductors protruding from raceway shall be no longer than twenty four (24) inches.

These two conditions will eliminate conductors from being connected in an unsafe manner and subject to physical damage. Conductors too long will not be installed in power company transformers or connection boxes, and may result in the power company cutting conductors and/or raceways, or not connecting the temporary pole until their requirements are met.

We forward the power companies position to you in hopes of saving time and money so connections are not delayed.

## Branch circuit for wells:

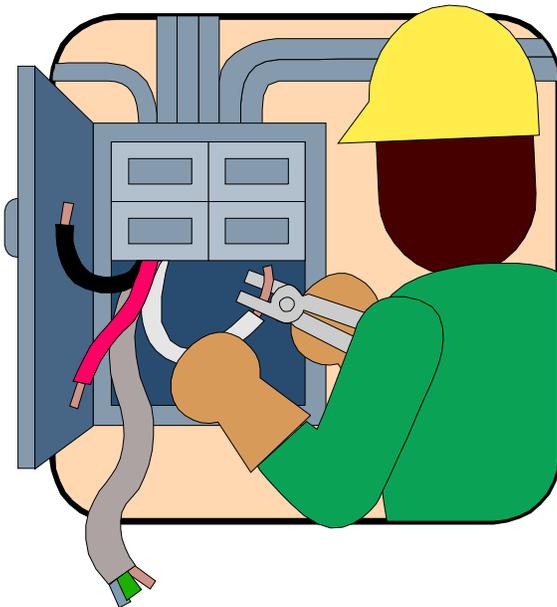
This circuit shall be protected from physical damage. Nec 300.4, 527.4(h) Cutting back the insulation and stabbing conductors into a receptacle is not in compliance. (NEC 110.3; this circuit may have a plug end installed or be hard wired.)

The conductors shall be listed for a wet location. NEC 300.5(d)(5)

Schedule 80 PVC may be used if surface installation is desired or conductors may be installed underground or aerial.

Failure to comply with the National Electric Code may result in the temporary pole being disconnected until it is brought into compliance.

A TUG System may be desired since the service panel is installed on the structure. Feeder to distribution panel may not be connected until the final. In this case the well wire can be installed only once.



# Electrical Receptacles

## 406.8 Receptacles in Damp or Wet Locations.

**(A) Damp Locations.** A receptacle installed outdoors in a location protected from the weather or in other damp locations shall have an enclosure for the receptacle that is weatherproof when the receptacle is covered (attachment plug cap not inserted and receptacle covers closed).

An installation suitable for wet locations shall also be considered suitable for damp locations.

A receptacle shall be considered to be in a location protected from the weather where located under roofed open porches, canopies, marquees, and the like, and will not be subjected to a beating rain or water runoff.

## **(B) Wet Locations.**

(1) 15- and 20-Ampere Outdoor Receptacles. 15- and 20-ampere, 125- and 250-volt receptacles installed outdoors in a wet location shall have an enclosure that is weatherproof whether or not the attachment plug cap is inserted.

To ensure the weatherproof integrity of the cord-and-plug connection to a receptacle located in an outdoor wet location, 406.8(B)(1) requires receptacle covers that provide a weatherproof enclosure at all times. The requirement for this type of cover is not contingent on the anticipated use of the receptacle. This requirement applies to all 15- and 20-ampere, 125- and 250-volt receptacles that are installed in outdoor wet locations, including those receptacle outlets at dwelling units specified by 210.52(E). Exhibits 406.4 and 406.5 are examples of the type of receptacle enclosure required by 406.8(B)(1).



(2) *Other Receptacles.* All other receptacles installed in a wet location shall comply with (a) or (b):

(a) A receptacle installed in a wet location where the product intended to be plugged into it is not attended while in use (e.g., sprinkler system controller, landscape lighting, holiday lights, and so forth) shall have an enclosure that is weatherproof with the attachment plug cap inserted or removed.

Section 406.8(B)(2)(a) applies to receptacles other than those rated 15 and 20 amperes, 125- and 250-volt, that supply cord-and-plug-connected equipment likely to be used outdoors or in a wet location for long periods of time. A portable pump motor is an example of such equipment. Receptacles for this application should remain weatherproof while they are in use.

(b) A receptacle installed in a wet location where the product intended to be plugged into it will be attended while in use (e.g., portable tools, and so forth) shall have an enclosure that is weatherproof when the attachment plug is removed.

Section 406.8(B)(2)(b) applies to receptacles other than those rated 15 and 20 amperes, 125- and 250-volt, that supply cord-and-plug-connected portable tools or other portable equipment likely to be used outdoors for a specific purpose and then removed.



# Recessed Lighting Codes

This is a Requirement in the Florida Building Code Chapter 13 Energy Efficiency. Sub-Chapter 6 Residential Building Compliance Methods.

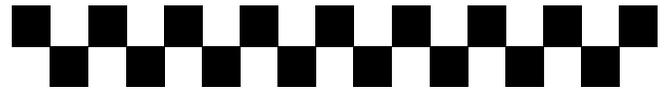
## §13-606 AIR INFILTRATION

§13-606.1.ABC.1.2.4 Recessed Lighting Fixtures. Recessed lighting fixtures installed in ceilings that abut an attic space shall meet one of the following requirements:

1. Type IC rated, manufactured with no penetrations between the inside of the recessed fixture and ceiling cavity and sealed or gasketed to prevent air leakage into the unconditioned space.
2. Type IC or non-IC rated, installed inside a sealed box (minimum of 1/2" thick gypsum wall board, preformed polymeric vapor barrier, or other air tight assembly manufactured for this purpose) and maintaining required clearances of not less than 1/2" from combustibile material and not less than 3" from insulation material.

3. Type IC rated, with no more than 2.0 cfm air movement from the conditioned space to the ceiling cavity when measured in accordance with ASTM E283-91. The fixture shall be tested at 75 Pa and shall be labeled.

This is being brought to Contractors' attention for compliance

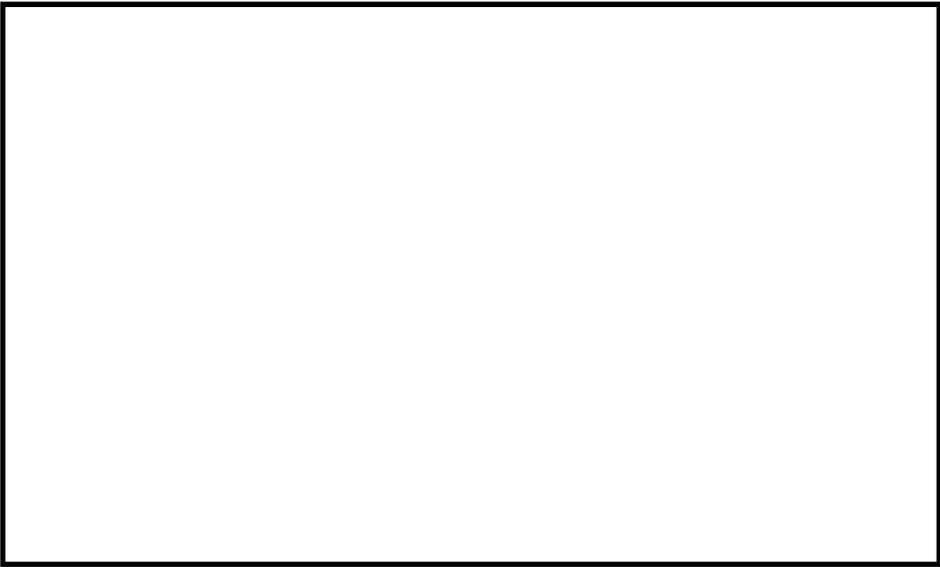


## Remember—

You will need your validation number to request inspections from AIRS or the website. (Located on right hand side of your signed permit copy.) This also includes the use of "Permit Spy" software.



**LAKE COUNTY BUILDING SERVICES**  
 315 West Main Street  
 P.O. Box 7800  
 Tavares, FL 32778-7800



Phone: 352-343-9653  
 Fax: 352-343-9661  
 Email: [www.lakegovernment.com](http://www.lakegovernment.com)



We're on the web!  
[WWW.LAKEGOVERNMENT.COM](http://WWW.LAKEGOVERNMENT.COM)