

# FLORIDA BUILDING COMMISSION 2008 WORKPLAN

*Note: Red type indicates task originated as requirement of a law.*

## ANNUAL TASKS

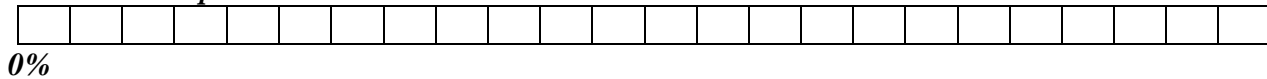
### 1. Report to 2009 Legislature

**Schedule:**

Commission identifies and receives draft recommendations	12/12/08
Commission finalizes recommendations	1/30/09
Commission report to 2009 Legislature	2/09

**Status:** Pending

**% Complete**



**Origination:** Commission. Annual task authorized by statute

## 2007 FBC AND GLITCH AMENDMENT RELATED TASKS

### 2. Glitch Amendments to the 2007 Florida Building Code (Previous Task 8.)

**Schedule:**

2007 Code published online	2/1/08
Printed 2007 Codes available to the public	3/1/08
Glitch amendment submittal DEADLINE	7/15/08
Rule development workshop	10/15/08
Rule adoption hearing	12/10/08
Glitch Rule effective	3/1/09
2007 FBC effective	3/1/09

**Status:** *In progress*

**% Complete**



75%

**Origination:** *Commission. Triennial task subsequent to FBC Update authorized by statute*

### 6. Evaluate in-home waste water recycling in coordination with Department of Health and Department of Environmental Protection (Previous Task 14)

**Schedule:**

Staff investigate DOH concerns and determine statutory authorities	10-12/06
Department of Health and DEP meeting	2/12/07
Follow-up meeting with DOH	3/08
Department of Health submits glitch amendment for consistency with its rule on use of gray water for landscape irrigation	6/1/08
2007 FBC updated to reflect state regulations on reuse of gray collection within a home ( <i>See 2007 FBC schedule</i> )	12/31/08

**Status:** *In progress*

**% Complete**



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**Origination:** *Department of Health based on new in-home collection and reuse systems seeking approval. Early coordination with DEP.*

**14. Amend the Florida Energy Code to Require 15% More Efficiency in Buildings (Previous Task 37)**

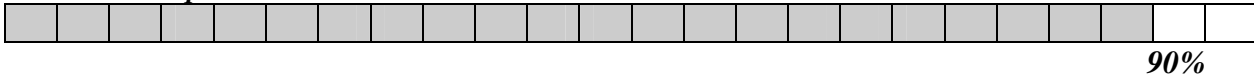
**Schedule:**

Note: Amendment to achieve Governor Crist’s directive of 15% increased efficiency by January 1, 2009 will be done using procedures of Part VI, chapter 553, F.S. The Energy Code will be amended by administrative rule authorized by that part then the revised Energy Code will be adopted into the 2007 Florida Building Code during the currently scheduled “glitch” cycle.

Evaluation of cost effective building component efficiencies completed (See Task 13)	1/08
Department of Community Affairs recommendations to the Commission	1/08
Commission considers proposed amendments	1/08-2/08
Rule Development Workshop	3/19/08
Rule Adoption Hearing	5/7/08
<b>Supplemental Rule Adoption Hearing</b>	<b>10/15/08</b>
Rule filed	7/08
Adoption into 2007 FBC via “Glitch” cycle (See Task 2)	

**Status:** *In Progress*

**% Complete**



**Origination:** *The Governor directed the Commission to amend the Florida Energy Code to increase requirements for building energy efficiency by 15% in Executive Order 2007-127.*

**17. Develop mitigation techniques for retrofit of existing site-built residential buildings:  
(Previous Task 27)**

**Schedule:**

Identify techniques for initial adoption	5/07-6/07
Commission initiates rule development for techniques & retrofit mandates	5/09/07
Rule development workshop	6/27/07
Non-rule workshop	8/8/07
Rule adoption hearing	8/22/07
Rule effective	10/10/07
Appoint Workgroup to refine requirements	10/3/07
Workgroup meets to recommend settlement for FRSA rule challenge	10/3/07
Commission holds telephone meeting to consider settlement	1/8/08
Workgroup meetings to refine mitigation techniques for Glitch Cycle	12/13/07
	1/28/08
	3/19/08
	4/18/08
Submit for amendment of 2007 FBC during Glitch Cycle	5/08
Adopt techniques and retrofit mandates in 2007 FBC via Glitch Cycle	

**See Glitch Amendment Task 8 schedule**

**Status:** *In Progress*

**% Complete**



**90%**

**Origination:** *Development of mitigation techniques and adoption as Code requirements as directed by the law was directed by the 2007 Florida Legislature in CS/HB 7057.*

**18. Electrical bonding and grounding for swimming pool decks (Previous Task 28)**

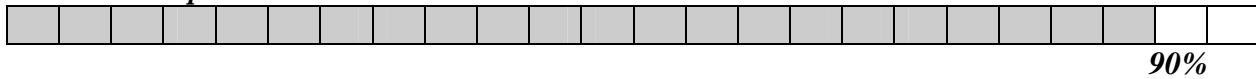
**Schedule:**

Notify building departments/pool bonding alternative authorized by law	5/07
Develop alternative technique to NEC	5/07-6/07
Commission initiates rule authorizing alternative technique	5/09/07
Rule development workshop	6/27/07
Adopt the alternative in the 2007 FBC	8/22/07
Rule effective	10/1/07
Adopt alternative technique in 2007 FBC via Glitch Amendment Cycle	2008

**See Glitch Amendment Task 8 schedule**

**Status:** *In Progress*

**% Complete**



**Origination:** *The 2007 Florida Legislature directed adoption of the alternative pool bonding requirements by non-Code rule in 2007 and adoption in the 2007 FBC in CS/CS/SB 2836.*

**19. Evaluate elimination of gravel and stone roofing systems (Previous Task 29)**

**Schedule:**

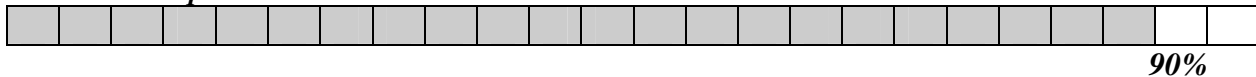
Appoint Ad Hoc committee to evaluate the science, alternatives, business impact and impact on birds	8/07
Contract with UF to provide technical assistance	9/07
Workgroup meetings to review data UF reports on literature search	12/10/07
	1/08
	3/08
	4/18/08
	5/6/08
Submit for amendment of 2007 FBC during Glitch Cycle	5/08

Amend 2007 FBC as determined by study in Glitch Cycle

**See Task 8**

**Status:** *In Progress*

**% Complete**



**Origination:** *The 2007 Florida Legislature directed the Commission to evaluate the consequences of adopting the International Building and Residential Codes prohibition of gravel roof systems in high wind areas before adopting it into the 2007 FBC and to take remedial action if warranted.*

**20. Implement requirements of law for carbon monoxide detectors (Previous Task 32)**

**Schedule:**

Commission initiates special rule development and adoption for buildings with fuel burning appliances, fireplaces or attached garages and sleeping rooms	5/9/07
Rule development workshop	6/27/07
Mechanical and Electrical TACs decide how to reference from NEC	8/21/07
Rule adoption hearing	8/22/07
Rule effective (date set by law)	7/1/08
Adopt and implement above requirements in 2007 FBC in Glitch Cycle	2008

and DBPR hotels with fuel fired boiler requirements DBPR did not adopt a rule  
**See Glitch Amendment Task 8 schedule**

**Status:** *In Progress*

**% Complete**



**90%**

**Origination:** *The 2007 Florida Legislature directed the Commission to adopt carbon monoxide detector requirements written into law as a separate non-Code rule to take effect July 1, 2008 and to adopt the requirements in law into the 2007 FBC.*

**OTHER TASKS NOT SPECIFIC TO THE CODE**

**16. Work with DCA to evaluate updated energy efficiency standards for energy using products (Previous Task 25 & 38)**

***Schedule:***

DCA initiates rule proceeding	8/07
Enter into contract for study	9/07
DCA Secretary Pelham addresses Commission suggesting coordination	10/3/08
DCA conducts Rule Development Workshop	10/18/07
Report from contractor	11/07
Recommendations finalized for report to 2008 Legislature	1/30/08
Report to 2008 Governor	2/08
Update efficiency standards in Florida Energy Code	5/7/08

***Status:***            ***Commission denied DCA proposals for increasing appliance/systems energy efficiency in the Florida Energy Code update.***

***% Complete***



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***Origination:***    *The Governor directed the Department of Community Affairs to amend the Florida Appliance Efficiencies to increase energy efficiency requirements by 15% in Executive Order 2007-127. DCA Secretary Pelham addressed the Commission and requested its cooperation in complying with the directives of the Governor’s EO. DCA/Commission staff presented a plan for increasing efficiency requirements for appliances and energy using equipment that fall within the authorities of the Florida Energy Code. The Commission rejected the proposed amendments at its May 2008 meeting thereby not providing the coordination and cooperation requested by DCA.*

**25. Investigate A Consistent Definition of “Bedroom” for Department of Health On-site Septic System Sizing Regulations**

**Schedule:**

Appoint a Commission Ad Hoc committee	3/19/08
DOH appoint members to work with Commission Ad Hoc committee	3/08-4/08
Task group meetings	5/7/08
	10/15/08
Report to Commission and DOH	12/08

**Status:** *In Progress*

**% Complete**



25%

**Origination:** *The initiative to develop consistency between building department and health department judgements of the number of bedrooms in a home as it applies to onsite sewage treatment system sizing was suggested by Commissioner Browdy for two legislative sessions and the joint project with Department of Health was established by mutual agreement during the 2007 Legislative Session.*

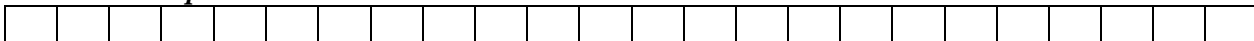
**28. Develop Legislative Recommendation for Building Code Carbon Monoxide Detector Requirements**

**Schedule:**

Mechanical TAC considers	10/13/08
Expand review to a workgroup to include additional stakeholder groups	10/15/08
Recommendations to Commission	12/08
Report to 2009 Legislature	2/09

**Status:** *Pending*

**% Complete**



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**Origination:** *Commissioner Bassett advised the Commission that the 2007 Law requirements for carbon monoxide detectors would not provide effective safety for facilities with boilers. Inquires were made by staff during the 2008 Legislative Session regarding delegating establishment of criteria to the Commission by rule. The response was the Commission should work on criteria that could be changed in law.*



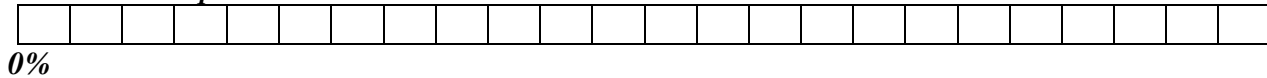
**30. Develop Criteria for Evaluation Entity Approval and Adopt by Rule or Develop Recommendation for 2009 Legislature for Entities to be Recognized in Law**

*Schedule:*

Product Approval POC considers at meetings	8/08-12/08
Recommendation to Commission for vote	12/10/08
Option 1: Recommend adding entities to list in law	
Commission includes in report to Legislature (See Task 36)	2/09
Option 2: Establish entity approval criteria by rule	
Initiate rule making to adopt criteria	2/09
Report criteria to Legislature in report (See Task 36)	2/09
Rule effective <b>no later than</b> (per HB 697)	7/1/09

*Status: Pending*

*% Complete*



*Origination: The 2008 Legislature directed the Commission to review the list of Product Evaluation Entities currently identified in law and either recommend modifications to the list or establish criteria for approval of additional entities by rule and report on those criteria to the 2009 Legislature.*

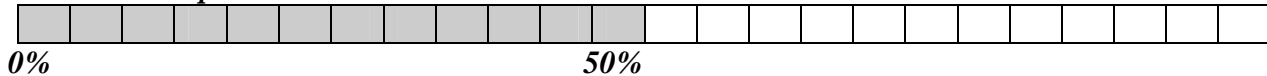
**32. Design Charette for Hotel Room Accessibility**

*Schedule:*

Charette planning	1/08-10/08
Conducted during December 2008 Commission meeting	12/08

*Status: In Progress*

*% Complete*



*Origination: Accessibility TAC*

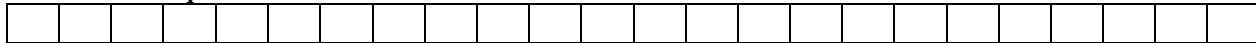
**33. Evaluate Swimming Pool Entrapment Standards Application to Existing Pools**

*Schedule:*

Evaluation	2/09-8/09
Proposal for 2010 Legislature and/or 2010 FBC Update	12/09

*Status: Pending*

*% Complete*



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*Origination: Plumbing TAC recommendation approved by Commission June 2008. Proposed by Spa and Pool association.*

**36. Evaluate Need for 4 Hour Bldg Code Core Course as Licensing Requirement**

*Schedule:*

POC conducts workshops	08/08-12/08
Recommendation to Commission for Report to Legislature	12/12/08
Commission finalizes recommendations for Report	1/30/09
Commission report to 2008 Legislature	2/09

*Status: Pending*

*% Complete*



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*Origination: Education POC. Voted approved by Commission at June 24, 2008 meeting.*

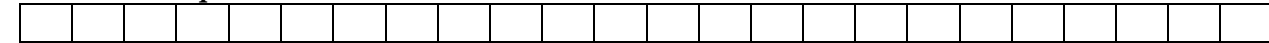
**37. Evaluate Amending 9B-72.180 on Equivalency of ASTM E 1300-02 and ASTM E 1300-04 and Rule 9B-72.090 on Product Approval Self Affirmation**

*Schedule:*

POC Recommendation to Commission	12/12/08
Rule Proceeding	2/09-4/09

*Status: Pending*

*% Complete*



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*Origination: Product Approval POC. Voted approved by Commission at June 24, 2008 meeting.*

## 2010 FBC UPDATE DEVELOPMENT TASKS

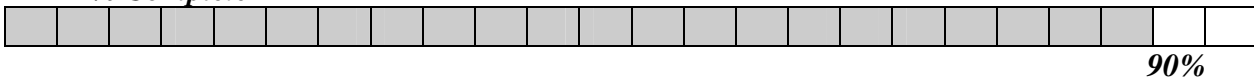
### 9. Load Side - Wind Pressure Research (Previous Task 19)

**Schedule:**

Commission approved redirection of WBD project Phase II	3/07
Amend contract with UF/ARA	4/07
Contract for Phase III	9/07
Progress reporting	9/30/07 12/10/07 1/30/08
Report on Phase III <i>(Note: August 2008 mtng canceled due to TS Fay)</i>	10/08 & 12/08

**Status:** Substantially Complete

**% Complete**



**Origination:** Hurricane Research Advisory Committee identified design pressure requirement errors while conducting wind tunnel testing for the Panhandle wind-borne debris projected directed by the Legislature. Subsequent research was conducted to provide the base of improved roof edge design pressure requirements.

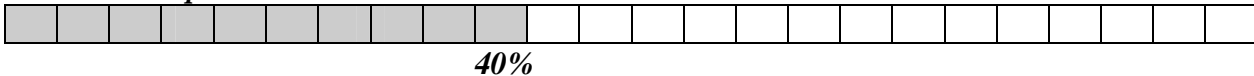
### 10. Resistance Side – Component and Cladding & MWFRS Research (Previous Task 20)

**Schedule:**

Legislature appropriates funding	5/07
Contract with UF to conduct research (Includes post hurricane building damage assessment survey contingency)	9/07
HRAC develops research priority list	1/08
Report on Phase III	10/08 & 12/08

**Status:** In Progress

**% Complete**



**Origination:** Hurricane Research Advisory Committee identified building failures in 2004 and 2005 hurricanes, recommended quick-fixes for some and identified areas needing further research before standards are established. The Commission sought funding and research work was initiated in 2007.

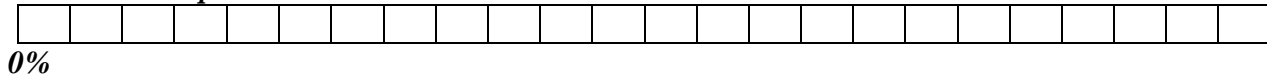
**22. Evaluate and Adopt the Development Process for the 2010 Florida Building Code (Previous Task 39)**

**Schedule:**

Chairman appoints a study committee	1/08
Committee meets to review and develop recommendation	12/08 – 4/09
Commission conducts public hearing and adopts plan	4/09

**Status:** Pending

**% Complete**



**Origination:** Chairman and Staff planning for the 2010 FBC development.

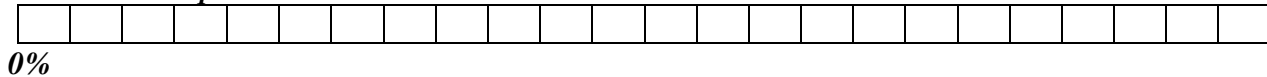
**24. Evaluate Hurricane Wind Pressure and Wind Driven Rain Criteria for Soffit Systems and Establish Labeling Requirements**

**Schedule:**

Appoint workgroup	3/19/08
Include task in UF components and cladding contract	3/08
Workgroup meetings	11/6/08
	1/09-6/09
Recommendations ready to propose for 2010 FBC	6/09
Report to Structural TAC and Commission	2009

**Status:** Pending

**% Complete**



**Origination:** Soffit manufacturers requested formation of a work group to develop label requirements similar to the Commission’s action for windows, shutters and garage doors then expanded the request to include developing installation requirements. Investigation of performance and development of the basis for installation requirements is one of the elements of the components and cladding research being conducted under Task 10.

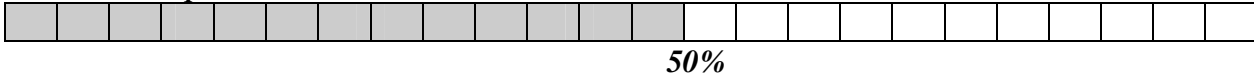
**26. Investigate Humidity Control Problems for Hot and Humid Climates  
(Formerly 2008 Task 11/2007 Task 21)**

**Schedule:**

Conduct workshop on energy efficiency and moisture control	2/28/07
Appoint a workgroup	3/08
Contract with FSEC to organize meetings and provide technical assistance	3/08
Workgroup meetings	5/9/08
	5/22/08
	6/13/08
For 2010 Florida Building Code	12/09

**Status:** *In Progress*

**% Complete**



50%

**Origination:** *Energy and Mechanical TACs out of air conditioning contractors' concern for impacts of increased building envelope efficiencies (sensible heat gain reduction) advocated by window manufacturers combined with low cost approaches to increased AC equipment efficiencies used in response to federal standards increases*

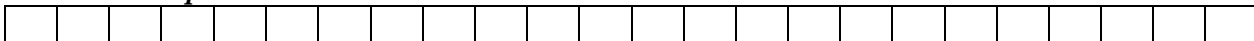
**27. Develop Rule for Energy Code Cost Effectiveness Test**

**Schedule:**

Begin	1/09
Completed	6/09

**Status:** *Pending*

**% Complete**



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**Origination:** *The Commission was directed by the 2008 Florida Legislature in HB 7153 to develop a cost effectiveness test criteria by rule to be applied to justification for increased residential building energy efficiency requirements.*

**29. Develop Design Criteria for Energy Efficient Pool Systems**

**Schedule:**

For 2010 Florida Building Code

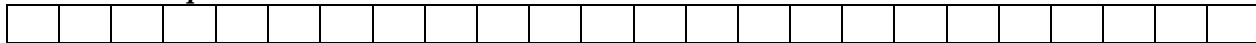
12/09

Begin

2/09

**Status:** Pending

**% Complete**



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**Origination:** During discussions with the Florida Spa and Pool Association regarding energy efficiency requirements for pool pumps members suggested improved efficiency could be achieved through criteria for pool hydronic system design.

**31. Develop Improvements for Gravel Roof Systems**

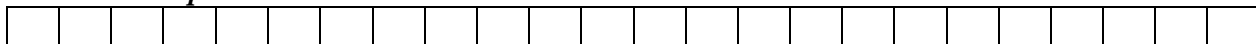
**Schedule:**

For 2010 Florida Building Code Update

12/09

**Status:** Pending

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**Origination:** During the evaluation of whether gravel roof systems should be prohibited by the 2007 FBC, Task 19, the Florida Roofing and Sheet Metal Association and Commission agreed to retain gravel roof systems and apply the HVHZ criteria throughout the state and develop improvements to the systems.

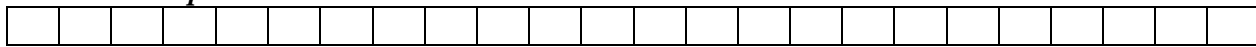
**34. Evaluate Rainwater Collection and Reuse for Process Water in Coordination with DOH, Health Officials, DEP and Other Water Management Agencies**

*Schedule:*

(For 2010 Florida Building Code Update)	12/09
Begin	2/09

*Status: Pending*

*% Complete*



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*Origination: Plumbing TAC recommendation approved by Commission June 2008*

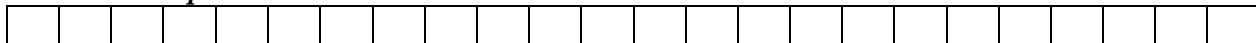
**35. Study Energy Conservation Measures and Develop a Plan for 20% Increased Efficiency Requirement for 2010 FBC**

*Schedule:*

TAC considers options and develops consensus plan	2/09-6/09
Recommendation to Commission	10/09
5% Code amendment proposal submitted for 2010 FBC Update	12/09

*Status: Pending*

*% Complete*



**0%**

*Origination: The 2008 Legislature directed the Commission to enact specific increase in building energy efficiency requirements in HB 7153. This task initiates the study and development of a schedule of increasing requirements, the first of which are to be enacted in the 2010 FBC whose development begins in 2009.*



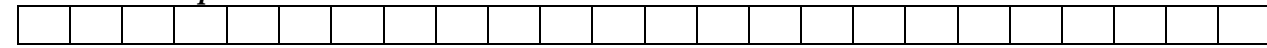
**38. Evaluate Adoption of Flood Standards in the Florida Building Code**

*Schedule:*

Workgroup appointed	12/08
Workgroup meetings	1/09-6/09
Recommendations to Commission	6/09
Proposals for 2010 FBC submitted for adoption	12/09
(See 2010 FBC development schedule)	

*Status:* Pending

*% Complete*



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*Origination:* The Florida Division of Emergency Management and FEMA requested the policy established in 2000 regarding flood requirements adoption outside the building code be reviewed. DEM will provide a grant to fund the project.

**COMPLETED TASKS**

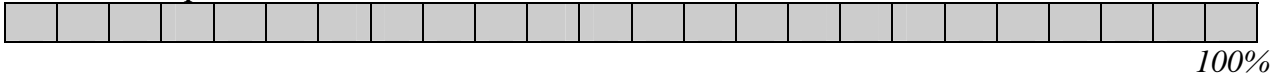
**1. Report to 2008 Legislature (Previous Task 35)**

*Schedule:*

Commission identifies and receives draft recommendations	12/12/07
Commission finalizes recommendations	1/30/08
Commission report to 2008 Legislature	2/08

*Status: Task Completed*

*% Complete*



*Origination: Commission. Annual task authorized by statute*

**3. Amend the Florida Accessibility Code for Building Construction (Previous Task 10)**

*Schedule:*

Rule development workshop	3/28/07
Rule adoption hearing	6/27/07
Supplementary Rule Adoption Hearing on Rule 9B-7.042	8/21/07
Rule Adoption Hearing on Rule 9B-7.003	8/21/07
Supplementary Rule Adoption Hearing on Rule 9B-7.042	10/3/07
Rule Filed	12/21/07
Rule adoption hearing	3/19/08
Rule Filed	4/08
Rule Effective	5/14/08

Note: Code amendment is only conducted to integrate current chap 553, Part II, F.S. parking requirements

*Status: Task Completed*

*% Complete*



*Origination: Accessibility TAC. Access Code amended for consistency with amended law.*

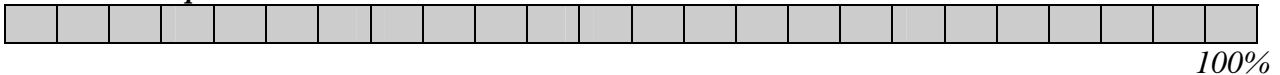
**4. Develop Product Validation Criteria for Methods of Demonstrating Compliance with Code (Previous Tasks 12 and 31)**

***Schedule:***

Meeting	2/7/06
Meeting	5/3&4/06
Meeting	6/1/06
Recommendations to Commission	7/11/06
Recommendations reviewed and approved by Commission	8/22/06
Rule adoption schedule approved for amending the rule	10/4/06
Product Approval POC review of draft rule	1/24/07
Rule Workshop	2/7/07
Supplemental Rule Workshop	3/28/07
Meeting with Window mfgs regarding installation instruction info template for PA application	4/10/07
Supplemental Rule Workshop	5/9/07
Propose disciplinary procedures for validators pursuant to new authority added to law by 2007 Legislature (See Task 31)	6/27/07
Rule Adoption Hearing	6/27/07
Supplemental Rule Adoption Hearing	8/21/07
Supplemental Rule Adoption Hearing	10/03/07
Rule Adoption Hearing	1/30/08
Design and implement essential BCIS modifications	9/07- 12/07
Implement rule changes	2/08

***Status:*** Task Completed

***% Complete***



***Origination:*** Product Approval POC. Rules developed pursuant to requirements of law.

**5. Review and Address Code Administration Needs of Local Governments and Measures to Improve Uniform and Effective Enforcement of the Code (Previous Task 13)**

**Schedule:**

Assessment survey design and research	5-7/07
On-line survey designed and conducted	7/07-9/07
Report on Assessment to the Commission	10/07
Review Assessment with Code Administration TAC	12/11/07
Code Administration TAC Develop Recommendations	1/08-3/08
TAC Recommendations Presented to Commission	5/08
Staff Analysis of Costs and Resources to Commission	8/08

**Status:** Task Completed

**% Complete**



**Origination:** Commission 2006

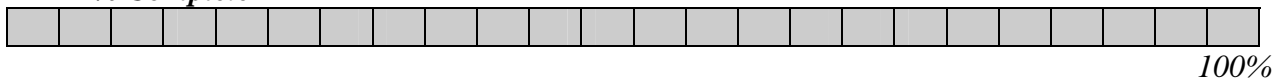
**7. Address implementation of the electrical systems requirements of the Energy Efficiency Code (Previous Task 15)**

**Schedule:**

Forum for discussion of requirements and their implementation	7/10/06
Recommendations presented to the Commission	7/11/06
Education and outreach	
Florida Board of Professional Engineers newsletter article	
Florida Engineering Society publication article	10/06
Identification of Code enforcement and education issue by Building Code Education and Outreach Council	9/27/06
Add notice to Commission's website	9/06
Send notice to all parties registered on BCIS for electrical issues	9/06
Notice Building Officials via BOAF	9/06
BOAF Education Conference Course	5/07
Include in Education and Outreach Contract for FY 07-08	7/07
Outreach provided through BASF project	8/07- 7/08

**Status:** Task Completed

**% Complete**



**Origination:** Electrical TAC during development of the 2007 FBC

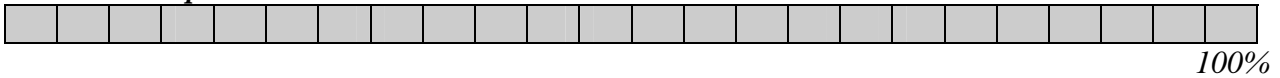
**8. Develop Code-Plus criteria for insurance qualification (Previous Task 18)**

**Schedule:**

Determine policy direction	2/07
Contract for development	
Phase I	5/07
Reporting to HRAC	8/22/07
Phase II	7/07
Reporting to HRAC	9/30/07
HRAC finalize recommended criteria	9/30/07
Commission decides on performance goal	10/3/07
Commission finalizes recommendations	12/10/07
Present in report to 2008 Legislature	2/08

**Status:** Task Completed

**% Complete**



**Origination:** 2007 Florida Legislature directive from HB 1-A,

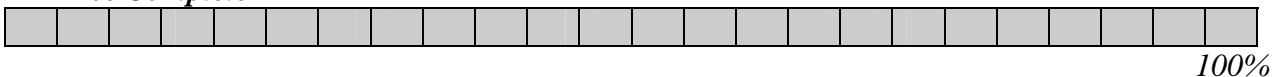
**12. Develop a model energy efficiency ordinance for residential development (Previous Task 22)**

**Schedule:**

Contract for support study	9/07
Public Input Forum	10/01/07
Establish work group of stakeholders	10/03/07
Work group meetings	10/31/07
	11/28/07
	1/16/08
Draft ordinance delivered by work group	1/30/08
Commission public hearings	1/30/08
Recommendation finalized for report to 2008 Legislature	1/30/08
Report to 2008 Legislature	2/08

**Status:** Task Completed

**% Complete**



**Origination:** The 2007 Florida Legislature directed the Commission to develop the model Green Building Ordinance in CS/HB 7123.

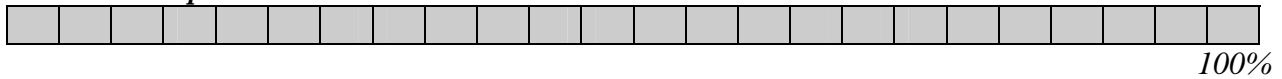
**13. Evaluate Florida Energy Code for: residential cost effective baseline; commercial conservation enhancements, and; comparison to IECC, ASHRAE 90.1 and 90.2 (Previous Task 23)**

**Schedule:**

Contract for support study	9/07
Report from contractor	1/08
Recommendations developed for Commission	1/08
Department of Community Affairs recommendations to the Commission	1/08
Report to 2008 Legislature finalized	1/30/08
Report to 2008 Legislature delivered	2/08

**Status:** Task Completed

**% Complete**



100%

**Origination:** The 2007 Florida Legislature directed the Commission to evaluate cost effective energy conservation measures in **CS/HB 7123 and CS/CS/SB 2836**.

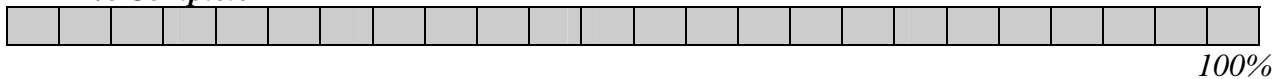
**15. Develop and implement public awareness campaign on energy efficiency and benefits of Green Buildings (Previous Task 24)**

**Schedule:**

Contract for support services	8/07
Public Input Forum	10/01/07
Establish work group of stakeholders	10/03/07
Work group meetings	10/31/07
	11/28/07
	1/16/08
Plan for website approved by Commission	10/03/07
Website identified and enhanced	9/07 - 12/07
Website launched	1/08
Public awareness campaign strategies approved by Commission	1/08
Project phase II initiated	2/08

**Status:** Task Completed

**% Complete**



100%

**Origination:** The 2007 Florida Legislature directed the Commission to develop the model Green Building Ordinance in **CS/HB 7123**.

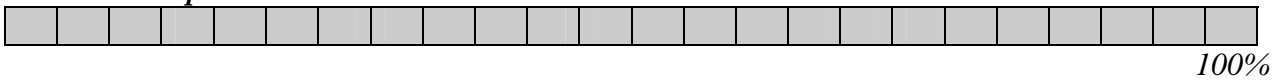
**21. Develop Instruction for Manufacturers Obtaining Product Approval via Associations (Previous Task 36)**

**Schedule:**

Chairman refers issue back to POC to review existing rule for appropriate process 7/07  
Recommendation to POC and Commission 10/07  
Declaratory Statement DCA07-DEC-181 issued 1/3/08

**Status:** Task Completed.

**% Complete**



**Origination:** Product Approval POC

**23. Revise Rule 9B-3.050 for:**

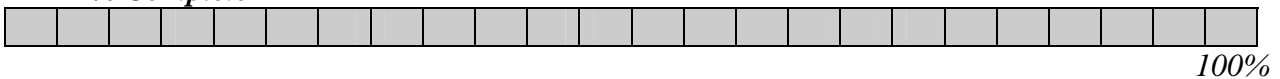
**A. New Proposed Code Amendment Form/Procedures for Glitch Amendments**

**Schedule:**

Rule Development Workshop 3/19/08  
Rule Adoption Hearing 5/7/08

**Status:** Task Completed

**% Complete**



**Origination:** Authority for Glitch Amendments granted by the 2007 Legislature in SB 2836. Implementing rules are required.

## TASKS DIRECTED BY LAWS

### 2008 Legislature Directed Tasks

#### **HB 697 Building Code**

##### **Action required:**

1. Recommend the Legislature expand the list of evaluation entities in law or develop and adopt rules for approving evaluation entities.

“Section 16. Subsection (17) is added to section 553.842, Florida Statutes, to read:

553.842 Product evaluation and approval.—

(17)(a) The Florida Building Commission shall review the list of evaluation entities in subsection (8) and, in the annual report required under s. 553.77, shall either recommend amendments to the list to add evaluation entities the commission determines should be authorized to perform product evaluations or shall report on the criteria adopted by rule or to be adopted by rule allowing the commission to approve evaluation entities that use the commission's product evaluation process. If the commission adopts criteria by rule, the rulemaking process must be completed by July 1, 2009.”

#### **HB 7153 Energy**

##### **Action required:**

1. Increase building efficiency requirements of the 2010 Florida Energy Efficiency Code for Building Construction by 5% for the 2010 relative to the Code which takes effect December 31, 2009.
2. Identify specific building options to achieve the energy efficiency improvements.
3. Adopt by rule a cost effectiveness test and apply to the energy efficiency improvements.

“Section 109. Section 553.9061, Florida Statutes, is created to read:

553.9061 Scheduled increases in thermal efficiency standards.--

(1) The purpose of this section is to establish a schedule of increases in the energy performance of buildings subject to the Florida Energy Efficiency Code for Building Construction. The Florida Building Commission shall:

(a) Include the necessary provisions by the 2010 edition of the Florida Energy Efficiency Code for Building Construction to increase the energy performance of new buildings by at least 20 percent as compared to the energy efficiency provisions of the 2007 Florida Building Code adopted October 31, 2007.

:  
:

(2) The Florida Building Commission shall identify within code support and compliance documentation the specific building options and elements available to meet the energy



performance goals established in subsection (1). Energy-efficiency performance options and elements include, but are not limited to:

- (a) Solar water heating.
- (b) Energy-efficient appliances.
- (c) Energy-efficient windows, doors, and skylights.
- (d) Low solar-absorption roofs, also known as "cool roofs."
- (e) Enhanced ceiling and wall insulation.
- (f) Reduced-leak duct systems.
- (g) Programmable thermostats.
- (h) Energy-efficient lighting systems.

(3) The Florida Building Commission shall, prior to implementing the goals established in subsection (1), adopt by rule and implement a cost-effectiveness test for proposed increases in energy efficiency. The cost-effectiveness test shall measure cost-effectiveness and shall ensure that energy efficiency increases result in a positive net financial impact.”

## **2007 Legislature Directed Tasks- Regular Session**

### **CS/HB 7123 Energy**

Action required:

- 1 . Form Work Group and Develop model energy efficiency ordinance for residential construction.
- 2 . Conduct study to evaluate cost effective baseline for Florida Energy Code residential requirements, determine cost effective standards for commercial buildings and compare to the International Energy Conservation Code and ASHRAE 90.1 and 90.2 in consultation with designated others.
- 3 . Develop and implement a public awareness campaign on energy efficiency and benefits of Green Building in consultation with others.
- 4 . Work with DCA to evaluate updated energy efficiency standards for energy using products

### **CS/HB 7057 Wind Loss Mitigation Studies and FBC Mitigation Requirements and Standards**

Action required:

1. Consult with Office of Insurance Regulation on “lost cost relativities” study.
2. Develop mitigation techniques for retrofit of existing site-built residential buildings:
  - o Prescriptive gable end bracing techniques
  - o Secondary water barrier requirements and standards
  - o Prescriptive roof-to-wall attachment techniques (not to exceed 15% of reproofing cost)
  - o Strengthening/correction roof deck attachment/fastening
  - o Opening protection
3. Adopt for site-built residential buildings by October 1, 2007:
  - o Mitigation techniques
  - o Requirement that roof replacement requires secondary water barrier and roof deck attachment/fastening

- Requirement that within WBD region roof replacement for buildings insured for \$300K or more must also have roof-to-wall connections upgraded
  - Requirement that any permitted activity valued at \$50K or more for buildings located within the WBD region and insured for \$750K or more must also provide for openings protection
4. Adopt in 2007 FBC:
- Requirements of 2) and 3).

**CS for CS for SB 2836      Building Code**

Action required:

1. Electrical bonding and grounding for swimming pool decks:
  - Notify building departments about pool bonding alternative authorized by law.
  - Review swimming pool electrical bonding requirements of NEC and develop alternative technique.
  - Adopt a rule authorizing use of the alternative technique.
  - Adopt the alternative in the 2007 FBC.
  
2. Gravel or stone roofing systems
  - a) Determine and document the following if eliminate systems from Code:
    - Scientific basis or reason for elimination
    - An available alternative equivalent in cost and durability
    - Whether elimination will unnecessarily restrict or eliminate business or consumer choice in roofing systems
    - Whether elimination will negatively affect the nesting habitat of any species of nesting bird; coordination with Fish and Wildlife Conservation Commission
  
  - b) Adopt a rule by chap 120 to preserve use of gravel or stone roofing systems if the above conditions cannot be determined and documented
  
3. Warehouse expansion sprinkler requirements:
  - Review modifications 2151, 2152, 2153, and 2492 and determine based on public comment if there is a continuing need for any Florida specific requirement of the Code the modifications seek to repeal
  - Adopt or modify the modifications by chapter 120 only for inclusion in next edition of FBC
  
4. Energy Code evaluation-
  - Conduct study to evaluate cost effective baseline for Florida Energy Code residential requirements, determine cost effective standards for commercial buildings and compare to the International Energy Conservation Code and ASHRAE 90.1 and 90.2 in consultation with designated others.

**CS for CS for SB 1822      Carbon Monoxide Detectors**

Action required:

1. Adopt a rule to require CO detectors in buildings with fossil fuel burning heater or appliance (including boiler in public lodging), fireplace, or attached garage and rooms used for sleeping purposes effective by July 1,2008.
2. Include requirements in next revision/(edition) of FBC.
3. Work with DBPR on chapter 4, FBC, Building requirements for public lodging buildings with both sleeping rooms and combustion fired boilers in the building.

**CS for SB 404            Sprinkling Existing Portions of Warehouse Expansions**

Action required:

- 1 . Post notice of statutory requirement on website and notify building departments.
- 2 . Include new provision of law in 2007 FBC update.

**CS for SB 2498            Delayed Elimination of Design for Internal Pressure**

Action Required:

1. Notification to building departments and industry.

## **2007 Legislature Directed Tasks- Special Session**

### **Florida Building Code Amendments:**

- “...eliminate all exceptions that provide less stringent requirements.” than the 2006 IBC and IRC for wind-borne debris protection.  
[HB 1A Section 10 (1)]

### **Citizens Insurance criteria for buildings built within 2500 feet of the coast after 2009:**

- “...develop voluntary “Code Plus” guidelines for increasing the hurricane resistance of buildings.”  
[HB 1A Sections 10 (2) and 21 627.351(6)(a)6.]

## **2006 Legislature Directed Tasks**

### **Florida Building Code Amendments:**

- Re-designate the Wind Borne Debris Protection Region for the Florida Panhandle

## COMPLETED

### 2005 Legislature Directed Tasks

#### Florida Building Code Amendments:

##### Expedited Code Amendment

##### COMPLETED

- Shall by November 1, 2005, adopt the ICC provisions for ventless attic spaces. [Section 33 SB 442]
- Shall by November 1, 2005, recognize all alarms complying with UL 2017 for the pool alarm option compliance with swimming pool safety requirements of chapter 515 , F.S. [Section 32 SB 442]
- Shall consider how to address water intrusion and roof-covering-attachment weaknesses. [Section 34 SB 442]
- Shall **review** Modifications 569 and 570 adopted October 14, 2003 to IBC and repeal, modify or leave the same but 569 and 570 cannot go into effect until the review (leave the same) or rulemaking (modify or repeal) are completed. [Section 48 SB 442]

##### 2004 FBC Glitch Amendments (2006 Annual Amendment to 2004 FBC)

##### COMPLETED (Implemented in the 2005 expedited Code Amendment)

- Shall amend the 2004 FBC to allow use of the area under mezzanines to be included in the calculation of total floor area when determining the maximum allowable mezzanine area in sprinklered S2 occupancies of Type III construction. Retroactive to the adoption of the 2001 FBC. [Section 44 SB 442]
- Shall modify Table 1014.1 of 2004 FBC maximum occupancy loads for R occupancies. [Section 46 SB 442]
- Shall amend section 1014.1.2 of 2004 FBC to exempt R1 and R2 occupancies from required distance between exits under certain conditions. [Section 46 SB 442]

##### 2007 Florida Building Code Update

- Eliminate the “interior pressure design” option for buildings in the wind-borne debris regions consistent with the IBC and IRC.

#### Special Studies:

- Together with building officials from the area, review Hurricane Ivan damage and other data for the region from Franklin County to the Alabama border and issue a report of

- findings and recommendations to the Governor and 2006 Legislature. [Section 39 SB 442]
- Evaluate the definition of exposure category C and make recommendations to the Governor and 2006 Legislature. [Section 41 SB 442]
  - Study the recommendation that the State be served by a single validation entity for state product approval. [Section 45 SB 442]

**Other Tasks:**

**COMPLETED**

- Develop a form by rule that is posted on a construction site and identifies all private providers that will be conducting inspections and their contact information. [Section 11 SB 442/ 553.791(4)(c)]
- Develop a form by rule for use on the Building Code Information System for petitioning for review of local building official decisions. [Section 9 SB 442/ s.553.775(3)(c)2.]
- Add design and construction related facility licensing requirements for Hospice Facilities. [HB 189]