

FLORIDA BUILDING COMMISSION
HURRICANE MITIGATION WORKSHOP
REPORT TO THE FLORIDA BUILDING COMMISSION

August 8, 2007

Tampa, Florida

Meeting Design & Facilitation By



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FLORIDA BUILDING COMMISSION
HURRICANE MITIGATION WORKSHOP
August 8, 2007

Opening and Workshop Attendance

The workshop started at 8:30 AM, and the process, agenda, and scope of the workshop was explained.

DCA Staff Present

Rick Dixon, Mo Madani, Jim Richmond, and Betty Stevens.

Meeting Facilitation

The meeting was facilitated by Jeff Blair from the Florida Conflict Resolution Consortium at Florida State University. Information at: <http://consensus.fsu.edu/>

Project Webpage

Information on the project, including agenda packets, meeting reports, and related documents may be found in downloadable formats at the project webpage below:
<http://consensus.fsu.edu/FBC/index.html>

Meeting Objectives

- To Review Agenda and Workshop Participation Procedures and Guidelines
- To Hear an Overview of Statutory Intent and Scope
- To Hear an Overview of Workshop Scope and Purpose
- To Review Proposed Draft of Mitigation Techniques by Topic
- To Hear Public Comments on Draft of Mitigation Techniques by Topic
- To Identify Needed Next Steps

Overview of Process

Members of the public were offered an opportunity to provide comments on the five (5) components of legislated mitigation techniques: (roof nailing 201.1, secondary water barriers 201.2, roof-to-wall connections 201.3, opening protection requirements, and voluntary gable end bracing Appendix A).

Overview of Statutory Intent and Scope for Workshop

Rick Dixon and Jim Richmond explained the legislation, and Mo Madani oriented the public to the provided written materials.
(See Attachment I)

Section 101 Retrofits Required

Members of the public provided comments to Section 101 for retrofits required.
(See Attachment I)

Overview and Comments on Draft of Mitigation Techniques for Roof Nailing

Members of the public provided comments to the draft language for roof nailing mitigation techniques.

101.1 When a roof on an existing site-built, single family residential structure is replaced:

- (a) Roof-decking attachment and fasteners shall be strengthened and corrected as required by section 201.1.

A secondary water barrier shall be provided as required by section 201.2.

Overview and Comments on Draft of Mitigation Techniques for Secondary Water Barriers

Members of the public provided comments to the draft language for secondary water barriers mitigation techniques.

101.1 When a roof on an existing site-built, single family residential structure is replaced:

- (b) Roof-decking attachment and fasteners shall be strengthened and corrected as required by section 201.1.

A secondary water barrier shall be provided as required by section 201.2.

Overview and Comments on Draft of Mitigation Techniques for Roof-to-Wall Connections

Members of the public provided comments to the draft language for roof-to-wall connection mitigation techniques.

101.2 When a roof is replaced on a building that is located in the wind-borne debris region as defined in s. 1609.2 of the Florida Building Code, Building and that has an insured value of \$300,000 or more or, if the building is uninsured or for which documentation of insured value is not presented, has a just valuation for the structure for purposes of ad valorem taxation of \$300,000 or more:

- (a) Roof to wall connections shall be improved as required by section 201.3.

- (b) Mandated retrofits of the roof-to-wall connection shall not be required beyond a 15 percent increase in the cost of re-roofing.

Where complete retrofits of all the roof-to-wall connections as prescribed in Section 201.3 would exceed 15 percent of the cost of the re-roofing project, the priorities outlined in Section 201.3.5 shall be used to limit the scope of work to the 15 percent limit.

Overview and Comments on Opening Protection Requirements

Members of the public provided comments to the current Code requirements for opening protection.

101.3 When any activity requiring a building permit that is applied for on or after July 1, 2008, and for which the estimated cost is \$50,000 or more for a building that is located in the wind borne debris region as defined in s. 1609.2 of the Florida Building Code, Building and that has an insured value of \$750,000 or more, or, if the building is uninsured or for which documentation of insured value is not presented, has a just valuation for the structure for purposes of ad valorem taxation of \$750,000 or more.:

Opening protections as required within the Florida Building Code, Building or Florida Building Code, Residential for new construction shall be provided.

Overview and Comments on Draft of Mitigation Techniques for Voluntary Gable End Bracing

Members of the public provided comments to the draft language for allowable voluntary gable end mitigation techniques.

101.4 When retrofit enhancement of gable end bracing is provided during construction which otherwise requires a permit the techniques in Appendix A shall be allowed.

Overview of Next Steps

The public was informed that staff would review all of the comments and provide recommendations to the Commission for consideration during the August 21, 2007 rule adoption hearing for Rule 9B-3.0475, Wind Mitigation Retrofits. The public was invited to provide comments in writing to the draft rule and/or at the August rule adoption hearing.

Adjournment

The workshop concluded at 11:15 AM.

ATTACHMENT I

Legislative Requirements

Hurricane Mitigation Retrofits For Existing Site-Built Single Family Residential Structures

101 Retrofits Required. Pursuant to Section 553.884, Florida Statutes, strengthening of existing site-built, single family residential structures to resist hurricanes shall be provided.

- 101.1** When a roof on an existing site-built, single family residential structure is replaced:
- (c) Roof-decking attachment and fasteners shall be strengthened and corrected as required by section 201.1.
 - (d) A secondary water barrier shall be provided as required by section 201.2.
- 101.2** When a roof is replaced on a building that is located in the wind-borne debris region as defined in s. 1609.2 of the Florida Building Code, Building and that has an insured value of \$300,000 or more or, if the building is uninsured or for which documentation of insured value is not presented, has a just valuation for the structure for purposes of ad valorem taxation of \$300,000 or more:
- (c) Roof to wall connections shall be improved as required by section 201.3.
 - (d) Mandated retrofits of the roof-to-wall connection shall not be required beyond a 15 percent increase in the cost of re-roofing.
 - (e) Where complete retrofits of all the roof-to-wall connections as prescribed in Section 201.3 would exceed 15 percent of the cost of the re-roofing project, the priorities outlined in Section 201.3.5 shall be used to limit the scope of work to the 15 percent limit.
- 101.3** When any activity requiring a building permit that is applied for on or after July 1, 2008, and for which the estimated cost is \$50,000 or more for a building that is located in the wind borne debris region as defined in s. 1609.2 of the Florida Building Code, Building and that has an insured value of \$750,000 or more, or, if the building is uninsured or for which documentation of insured value is not presented, has a just valuation for the structure for purposes of ad valorem taxation of \$750,000 or more.:
- (a) Opening protections as required within the Florida Building Code, Building or Florida Building Code, Residential for new construction shall be provided.
- 101.4** When retrofit enhancement of gable end bracing is provided during construction which otherwise requires a permit the techniques in Appendix A shall be allowed.