

February 14, 2007

Dan Tingen  
Tingen Construction Company  
8411 Garvey Drive/#101  
Raleigh, NC 27616

RE: Agenda for the March 12-13, 2007 NC Building Code Council Meeting.

Mr. Tingen:

This is officially to notify you and other interested parties of a regularly scheduled meeting of the NC Building Code Council. The March NC Building Code Council meeting will be held at the Washington Civic Center, 110 N. Gladden Street, Washington, NC 27889. Persons requiring auxiliary services should notify the Council at least ten business days prior to the meeting.

1. The Work Session will begin at 9:00AM on Monday, March 12, 2007 and is open to the public on a noncontributing basis.
2. The Residential Standing Committee will meet at the conclusion of the Work Session to discuss the Wind Study and Windborne Debris.
3. The Public Hearing will begin at 1:00PM on Monday, March 12, 2007. The Council will receive comments at this time. At the close of the hearing, committees may meet.
4. The Building (1-15) Ad Hoc Committee will meet at the conclusion of the Public Hearing.
5. The NC Building Code Council meeting will begin at 9:00AM on Tuesday, March 13, 2007. At the close of the meeting, appeals will be heard.

## **Part A – Administrative Items**

- Item A – 1 Executive Order: Inquire upon conflicts of interest or appearance of conflicts of interest that exist within the Council.**
- Item A – 2 Approval of minutes of the December 12, 2006 NC Building Code Council Meeting.**
- Item A – 3 Carrboro Request for adoption of the current fire code with additional ordinances.**
- Item A – 4 Resolution in Memorium to Thomas Avery, PE for Service on The NC Building Code Council**
- Item A – 5 Request by R. Keith Morton, City of Gastonia, for authority to review plans and specifications of buildings using requirements listed in the NC Administration and Enforcement Code. (Approved by Staff)**
- Item A – 6 Request by Susan Mellott, City of Hillsborough, for authority to review plans and specifications of buildings using requirements listed in the NC Administration and Enforcement Code. (Approved by Staff)**
- Item A – 7 Add Curtis-Strauss, LLC to the list for the Approved Third Party Testing Agencies for Electrical and Mechanical Equipment. (Approved by Staff)**

## **Part B – New Petitions for Rulemaking**

- Item B – 1 Request by John Mooring, to amend the 2006 NC Residential Code for One and Two Family Dwellings to address R404.4.7.2.**

## **Part C – Notice of Rulemaking Proceedings and Public Hearing**

The following Petitions for Rulemaking have been granted by the Council. Notice of Rulemaking proceedings has been made. The Public Hearing will be held March 12, 2007 and the Final Adoption meeting may take place on or after June 12, 2007.

- Item C – 1 Request by Lon McSwain, Mecklenburg County, to amend the 2006 NC Building and Fire Codes address opening limitations. The proposed amendment is as follows:**

1012.3 Opening Limitations. Open guards shall have ballisters or ornamental patterns such that a 4-inch-diameter (102 mm) sphere cannot pass through any opening up to a height of 34 inches (864 mm) from a height of 34 inches (864 mm) to 42 inches (1067 mm) above the adjacent walking surfaces, a sphere 8 inches (203 mm) in diameter shall not pass. A bottom rail or curb shall be provided that will reject the passage of a 2 inch (51 mm) diameter sphere.

**Item C – 2 Request by Terry Hatcher, Department of Health and Human Services Division of Child Development, to amend the 2006 NC Building and Fire Codes, Section 907.2.3. The proposed amendment is as follows:**

Exceptions:

1. Group E occupancies with an occupant load of less than 50, unless the occupancy is a child care center licensed by the Division of Child Development in the Department of Health and Human Services.

**Item C – 3 Request by John Hitch, AIA, Smith Sinnott Architecture to amend the 2006 NC Plumbing Code, Sections 403.2 and 405.3.2 to permit K-8 lavatories in spaces open to corridors.**

**403.2 Separate facilities.** Where plumbing fixtures are required, separate facilities shall be provided for each sex.

Exceptions:

1. Separate facilities shall not be required for private facilities.
2. Separate employee facilities shall not be required in occupancies in which 15 or less people are employed.
3. Separate facilities shall not be required in structures or tenant spaces with a total occupant load, including both employees and customers, of 15 or less.
4. Separate facilities shall not be required in mercantile occupancies in which the maximum occupant load is 50 or less.
5. Except as provided in Section 405.3.2.

405.3.2 Public lavatories. In employee and public toilet rooms, the required lavatory shall be located in the same room as the required water closet, except in Education K-8, lavatories may be provided in a common toilet room vestibule, visible from the corridor.

**Item C – 4 Request by David Smith/Barry Gupton, Residential Ad Hoc Committee, to amend the 2006 NC Residential Code, Figure R403.1(1), Section R403.1.4, Table R403.1. The proposed amendment is as follows:**

Figure R403.1(1), Note 1 – Foundation shall extend not less than 12-inches below the ~~finished~~ natural grade or engineered fill and in no case less than the frost line depth.

Section R403.1.4 Minimum depth. All exterior footings and foundation systems shall extend below the frost line specified in Table R301.2(1). In no case shall the bottom of the exterior foot be less than 12 inches below ~~finish~~ natural grade or engineered fill.

Exception: Frost protected footings constructed in accordance with Section R403.3 and footings and foundations erected on solid rock shall not be required to extend below the frost line.

In Seismic Design Categories D<sub>1</sub> and D<sub>2</sub>, interior footings supporting bearing walls or bracing walls and cast monolithically with a slab on grade shall extend to a depth of not less than 18 inches (457 mm) below the top of the slab.

Table R403.1 – In 1,500 and 2,000-psf columns, change all values 12 and 15-inch widths to 16-inch.

Add footnote: A minimum footing width of 12 inches is acceptable for monolithic slab foundations.

**Item C – 5 Request by Wayne Hamilton to amend the 2006 NC Building and Fire Codes to address Alarm activations. The proposed amendment is as follows:**

401.3.2 Alarm activations. Upon activation of a fire alarm signal, employees or staff shall immediately notify the fire department and shall immediately implement their approved fire safety and evacuation plan.

**Item C – 6 Request by Wayne Hamilton to amend the 2006 NC Building and Fire Codes, Section 404.2. The proposed amendment is as follows:**

404.2 Where required. An approved fire safety and evacuation plan shall be prepared and maintained for the following occupancies and buildings.

Add additional item 12 as below:

12. Other occupancy Groups having a fire alarm system shall have an approved evacuation plan.

**Item C – 7 Request by David Smith, Residential Ad Hoc Committee, to add Section R324 to the 2006 NC Residential Code. The proposed amendment is as follows based on the 2006 IRC, Section R323:**

Section R324  
ELEVATORS AND PLATFORM LIFTS

R324.1 Elevators. Where provided, passenger elevators, ~~limited use/limited application elevators~~ or private residence elevators shall comply with ASME A17.1.

R324.2 Platform lifts. Where provided, platform lifts shall comply with ASME A18.1.

R324.3 Accessibility. ~~Elevators or platform lifts that are part of an accessible route required by Chapter 11 of the *International Building Code*, shall comply with ICC A117.1. Deleted.~~

R324.4 Certification. The installer shall certify that the following conditions have been met.

1. The elevator or platform lift has been installed in accordance with the manufacturer's installation instructions.
2. The elevator meets the requirements of ASME A17.1, Part 5
3. The platform lift meets the requirements of the NC Electrical Code. Before a Certificate of Occupancy is issued, the permit holder shall provide the Code Enforcement Official a letter of certification from the installer, evidencing compliance with the above conditions. Any maintenance requirements required by the manufacturer shall be clearly stated and affixed to the component. When an elevator or platform lift or its components has been serviced, the service provider shall certify that the elevator continues to meet the above conditions.

#### **Part D – Final Adoption**

The following Petitions for Rulemaking have been granted by the Council. Notice of Rulemaking proceedings and Public Hearing has been made. The Public Hearings were held December 11, 2006. The Final Adoption meeting will take place on March 13, 2007. The Council will give no further consideration to Petitions that are disapproved. Petitions that are approved will proceed through the Rulemaking process.

#### **Item D – 1 Request by John Hitch, NCBC, to amend the 2006 NC Building and Fire Codes, Section 903.2.1.2, condition 2 from “100” to “300” occupants.**

**903.2.1.2 Group A-2.** An automatic sprinkler system shall be provided for Group A-2 occupancies where one of the following conditions exists:

1. The fire area exceeds 5,000 square feet (464.5 m<sup>2</sup>).
2. The fire area has an occupant load of ~~100~~ 300 or more.
3. The fire area is located on a floor other than the level of exit discharge.

**Item D – 2 Request by Wallace Cole, Winston-Salem Inspections to amend the 2006 NC Plumbing Code, Section 417.5.2 to delete the requirement to slope the shower liner.**

**417.5.2 Shower lining.** Floors under shower compartments, except where prefabricated receptors have been provided, shall be lined and made water tight utilizing material complying with Sections 417.5.2.1 through 417.5.2.4. Such liners shall turn up on all sides at least 2 inches (51 mm) above the finished threshold level. Liners shall be recessed and fastened to an approved backing so as not to occupy the space required for wall covering, and shall not be nailed or perforated at any point less than 1 inch (25.4 mm) above the finished threshold. Liners shall be ~~pitched one fourth unit vertical in 12 units horizontal (2 percent slope) and shall be sloped toward the fixture drains and~~ be securely fastened to the waste outlet at the seepage entrance, making a water-tight joint between the liner and the outlet.

**Exception:** Floor surfaces under shower heads provided for rinsing laid directly on the ground are not required to comply with this section.

**Part E – Reports**

**Chairman’s Report**

**Ad Hoc Committee Reports**

**Staff Report** – DOI Engineering Newsletter

**Part F – Appeals**

**Item F – 1** Little Diversified Architectural Consulting – Horizontal Assembly between Residential and Other Occupancies

Sincerely,

Christian Noles  
Secretary, NC Building Code Council