

May 21, 2007

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

RE: Agenda for the June 11 - 12, 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 June NC Building Code Council meeting will be held at the McKimmon Conference & Training Center, 1101 Gorman Street, Raleigh, NC 27606. Persons requiring auxiliary services should notify the Council at least ten business days prior to the meeting.

1. An ethics presentation will be given by the Ethics Commission on Monday, June 11, 2007 beginning at 9:00AM.
2. The Work Session will begin at the conclusion of the ethics presentation on Monday, June 11, 2007 and is open to the public on a noncontributing basis.
3. The Public Hearing will begin at 1:00PM on Monday, June 11, 2007. The Council will receive comments at this time. At the close of the hearing, committees may meet.
4. The NC Building Code Council meeting will begin at 9:00AM on Tuesday, June 12, 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 March 13, 2007 NC Building Code Council Meeting.

Item A – 3 Brandon Truman has arranged for a presentation to be made by the Ethics Commission to the Building Code Council on Monday, June 11, 2007 at 9:00AM. If you are Board member and are unable to attend this meeting you must obtain your own training available per the classes listed on the Ethics Commission website.

Item A – 4 Rules Review Commission meeting report - 5/17/2007

Item A – 5 ISO’s Building Code Effectiveness Grading Schedule Report

Part B – New Petitions for Rulemaking

Item B – 1 Request by David Smith, Chairman of the Residential Standing Committee, to amend the 2006 NC Residential Code for One and Two Family Dwellings, Section R202. The proposed amendment is as follows:

R202 Definitions. WINDBORNE DEBRIS REGION. Areas within hurricane-prone regions ~~within 1500 feet (0.452 km) of the mean high water line of the Atlantic Ocean~~ defined as that area east of the inland waterway from the NC/SC State line north to Beaufort Inlet; from that point to include the barrier islands to the NC/VA State line with the exception of that portion west of Hwy 158 located on the barrier islands.

Item B – 2 Request by David Smith, Chairman of the Residential Standing Committee, to amend the 2006 NC Residential Code for One and Two Family Dwellings, Section R302.1. The proposed amendment is as follows:

Exception:

1. Tool and storage sheds, playhouses and similar structures exempted from permits by Chapter 1 are not required to provide wall protection based on location on the lot. Projections beyond the exterior wall shall not extend over the lot line.

2. In Townhouse construction (with 3 or more attached dwellings) non-combustible soffit material or fire retardant treated soffit material, not including aluminum, shall be used and shall be securely attached to framing members. Vented non-combustible soffit shall be permitted.

Item B – 3 Request by Matt Dobson, Vinyl Siding Institute, to amend the 2006 NC Residential Code for One and Two Family Dwellings, Section R302.1. The proposed amendment is as follows:

R302.1 Exterior walls. Exterior walls with a fire separation distance less than 3 feet (914 mm) shall have not less than a one-hour fire-resistive rating with exposure from both sides. Non-rated projections shall not extend beyond the distance determined by the following two methods, whichever results in the lesser projections:

1. A point one-third the distance to the property line from an assumed vertical plane located where protected openings are required.
2. More than 12 inches (305 mm) into areas where openings are prohibited.

Projections extending beyond the distance described above into the fire separation distance shall have not less than one-hour fire-resistive construction on the underside. The above provisions shall not apply to walls which are perpendicular to the line used to determine the fire separation distance.

Exceptions:

1. Tool and storage sheds, playhouses and similar structures exempted from permits by Chapter 1 are not required to provide wall protection based on location on the lot. Projections beyond the exterior wall shall not extend over the lot line.
2. In townhouse construction (3 or more attached dwellings) ~~non-combustible soffit material, not including aluminum, shall be used and soffit shall be securely attached to framing members and shall be constructed using one of the following methods: or shall have a 1 hour fire rating and required by code. Vented non-combustible soffit shall be permitted.~~
 1. Aluminum soffit that has a minimum thickness of .019 inch.
 2. Non-Combustible material other than Aluminum.
 3. Vinyl soffit installed over ¾ wood sheathing or 5/8” gypsum board.
 4. Vinyl soffit where 2” nominal blocking is installed between roof framing members.

Venting requirements shall apply to both soffit and underlayments and shall not exceed the minimum net free air requirements by 150% established in section R806.2.

Item B – 4 Request by Bryan Reading, AF & PA, to amend the 2006 NC Residential Code for One and Two Family Dwellings, Sections R4404.3.4, R4406.3 and R4408.4. The proposed amendments are as follows:

4404.3.4 Exterior Concrete Slab-on-grade Footings. Vertical reinforcement shall be installed at intervals not to exceed Table 4404.1.1 and shall terminate in a double sole plate.

Exception: Vertical reinforcement (anchorage) shall be installed at intervals not to exceed Table 4404.1a where the bars terminate in a single sole plate. Approved strap anchors or wood structural panels shall be installed to provide a continuous load-path from the single sole plate to the wall.

4406.3 Gable endwalls. Gable endwalls in the 110, 120, and 130 mph wind zones shall either be supported by lateral bracing at the ceiling or have continuous studs from the floor to the roof. 2 x 4 studs at 16 inches on center are limited to 10 feet in length between supports. Non bearing 2 x 6 SPR#2 studs at 16 inches on center with 3/8" wood structural panel sheathing are limited to unsupported lengths of 18 feet in 110 mph, 16 feet in 120 mph and 14 feet in 130 mph wind zones. ~~Wood structural panel sheathing shall extend 12 inches beyond construction joints.~~

4408.4 Anchorage using wood structural panels. Wood structural panel sheathing may be used to resist both lateral load and uplift simultaneously. Panels shall be installed as follows:

- ~~5. Panels shall extend 12 inches beyond construction joints and shall overlap girders their full depth.~~

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 June 11, 2007 and the Final Adoption meeting may take place on or after September 11, 2007.

Item C – 1 Request by Dan Tingen, Chairman, to amend the 2002 NC Residential Code to address R302.1. The proposed amendment is as follows:

Exception:

1. Tool and Storage sheds, playhouses and similar structures exempted from permits by Chapter 1 are not required to provide wall protection based on location on the lot. Projections beyond the exterior wall shall not extend over the lot line.

2. In Townhouse construction (3 or more attached dwellings) non combustible soffit material, not including aluminum, shall be used and shall be securely attached to framing members or shall have a 1 hour fire rating as required by code. Vented noncombustible soffit shall be permitted.

Item C – 2 Request by Wayne Hamilton, to amend the 2006 NC Building and Fire Codes, Section 905.2. The proposed amendment is as follows:

905.2 Installation standards. Standpipe systems shall be installed in accordance with this section and NFPA 14.

~~**Exception:** In other than high rise buildings, where buildings are sprinklered in accordance with Section 903.3.1.1, the water supply is not required to meet the higher pressures required for a standpipe system.~~

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 March 12, 2007. The Final Adoption meeting will take place on June 12, 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 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 D – 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

Item D – 3 Request by John Hitch, AIA, Smith Sinnett Architecture to amend the 2006 NC Plumbing Code, Sections 403.2 and 405.3.2 to permit K-5 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-5, lavatories may be provided in a common toilet room vestibule, visible from the corridor.

Item D – 4 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 D – 5 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 D – 6 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 E – Reports

Chairman’s Report

Ad Hoc Committee Reports

Staff Report

Legislative Update from Brandon Truman

Part F – Appeals

Sincerely,

Christian Noles
Secretary, NC Building Code Council