

**Minutes of the North Carolina Building Code Council  
June 8, 2004  
Raleigh, North Carolina**

All Council Members were present with the exception of Brad Lail and Jack Neel, PE.

The following are summary minutes. The official minutes of this meeting are recorded on tape. Anyone desiring verbatim tapes or excerpts from these tapes should contact the Engineering Division of the North Carolina Department of Insurance for information on reproduction costs.

**Executive Order 1 – Conflicts of Interest**

Chairman Tingen inquired upon any conflicts of interest or appearance of conflicts of interest that existed within the Council. No conflicts of interest were noted.

**Part A - Administrative Items**

**Item A-1 Approval of Minutes of the March 9, 2004 Building Code Council Meeting**

Chairman Tingen asked for acceptance of the minutes from the March 9, 2004 Building Code Council meeting. Butch Simmons and Lon Culbertson requested modifications to Executive Order 1 and to Item 14A respectively. Minutes were then accepted by unanimous consent.

**Item A-2 Request by Ron Edmonson, director with Vance County for authority to review plans and specifications for buildings as listed in Table 502 of the North Carolina Administration and Enforcement Code.**

A motion was made to approve this item. The motion was seconded and was approved.

**Item A-3 Request by Gary Cornell, director of Burke County, for authority to review plans and specification for buildings as listed in Table 502 of the North Carolina Administrative and Enforcement Code.**

A motion was made to approve this item. The motion was seconded and was approved.

**Item A-4 Staff Report on Agenda appeal item Today Homes of North Carolina vs. North Carolina Department of Insurance**

Barry Gupton, Chief Code Consultant with NCDOI, read a letter he composed to Today Homes in an attempt to resolve appeal item F-2. The Fastener Schedule table was printed incorrectly in the transfer of information from the CABO Code to the ICC Residential Code. A motion was made by Al Bass, seconded by Barry Maness and approved to accept the errata as stated in the letter. Item F-2 has been rescheduled for the September 14, 2004 Building Code Council Meeting. The letter has been attached.

## **Part B - Petitions for Rulemaking**

The following petitions for rulemaking have been received since the last Council meeting. The Council votes to grant or deny petitions. Petitions that are granted may proceed through the rulemaking process. The Council will give no further consideration to petitions that are denied. Denied petitions may be appealed to the Superior Court. The Council may send any petition to the appropriate committee for review. The Public Hearing for petitions granted will be held on September 13, 2004 and the Final Adoption meeting will take place on September 14, 2004.

### **Item B-1 Request by staff to adopt the 2005 NEC, including amendments from the 2002 NC Electrical Code.**

Ron Chilton, staff with NCDOT, presented the petition to adopt the 2005 NEC with the 2002 NC amendments. Mr. Chilton did not foresee any financial burdens that would accompany the adoption of the 2005 NEC. John Hitch and Lon Culbertson commented on changes that could have occurred between the 2002 NC Electrical Code and the 2005 NEC. The final document must be printed before the September Council meeting. A motion to grant the Petition of Rulemaking was made by Tom Turner. Al Bass seconded the motion. The motion carried.

### **Item B-2 Request to require Building Code Council to include all other agencies requirements for construction in NC Codes.**

#### **102.5 Requirements of other state agencies, occupational licensing boards or commissions**

The North Carolina State Building Codes do not include all additional requirements for buildings and structures that may be imposed by other State agencies, occupational licensing boards or commissions. It shall be the responsibility of a permit holder, design professional, contractor or occupational license holder to determine whether any additional requirements exist.

A petition was made to add section 102.5 to the NC Administration and Enforcement Code to reflect the fact that all other agency requirements and specifications are not included in the North Carolina Codes. This provision will be incorporated into the scoping provisions of all volumes of the code. A motion to grant the Petition for Rulemaking was made. The motion was seconded and the motion carried.

## **Part C - Notice of Rule Making**

### **Item C-1 Notice of Rulemaking proceedings and Public Hearing has been made. A Public Hearing will be held on September 13, 2004.**

## Part D – Public Hearing and Final Adoption

- Item D-1 Make general clarifications and modifications to the NC Accessibility Code to make it comply with Americans with Disabilities Act requirements for approval by the US Department of Justice.**

John Hitch moved to adopt this item. Mack Nixon seconded the motion and the motion carried.

- Item D-2 Revise Section 305.2 of the North Carolina Fuel Gas Code as follows:**

**305.2 Elevation of ignition source.** Equipment and appliances having an ignition source shall be elevated such that the source of ignition is not less than 18 inches (457 mm) above the floor in hazardous locations and public garages, private garages, repair garages, motor fuel-dispensing facilities and parking garages. For the purpose of this section, rooms or spaces that are not part of the living space of a dwelling unit and that communicate directly with a private garage through openings shall be considered to be part of the private garage.

**Exception:** Elevation of the ignition source is not required for appliances that are listed as flammable vapor resistant and for installation without elevation.

Al Bass mentioned that 304.3 in the NC Mechanical Code is essentially the same as this section. Larry Capps, with PSNC Energy, provided clarification stating that the Fuel Gas code pertained to the use of gas only, while the Mechanical Code pertained to the use of oil and all other fuels. John Wiggins, with Underwriters Laboratories, also provided some clarification. John Hitch requested that the wording be changed to allow for easier comprehension of the code. Motion to approve this item as modified carried.

New language is as follows:

**305.2 Elevation of ignition source.** Equipment and appliances having an ignition source shall be elevated such that the source of ignition is not less than 18 inches (457 mm) above the floor in hazardous locations and public garages, private garages, repair garages, motor fuel-dispensing facilities and parking garages. For the purpose of this section, rooms or spaces that are not part of the living space of a dwelling unit and that communicate directly with a private garage through openings shall be considered to be part of the private garage.

**Exception:** Elevation of the ignition source is not required for appliances that are listed as flammable vapor resistant.

Item D-3      **Add new section 608 to the North Carolina Mechanical Code as follows:**

**FABRIC AIR DISTRIBUTION DEVICE**

**608.1 General.** Fabric air distribution devices are supply air distribution systems operating under positive pressure. Air distribution occurs through any combination of permeable fabric, linear perforated vents, linear mesh vents or orifices. The systems consist of circular, semi-circular or quarter circle sections ranging from 6 inches to 84 inches joined together with zippers. Fittings include elbows, transitions, reducers, saddle-T's, and end caps.

**608.2 Material.** The materials shall have a flame-spread index not exceeding 25 and a smoke-developed index not exceeding 50. Fabric shall meet the criteria as set forth in Section 4.0 of the ACCEPTANCE CRITERIA FOR FABRIC AIR DISPERSION SYSTEMS (AC167 dated July 2000) by ICBO Evaluation Service, Inc. Product must be listed by UL as "Distribution Devices, Air" and be tested by an ICBO Evaluation Service accredited independent testing laboratory (or other third party code evaluation service acceptable to NCDOT) that the material is in accordance with the ACCEPTANCE CRITERIA FOR FABRIC AIR DISPERSION SYSTEMS (AC167 dated July 2000).

**608.3 Design.** The fabric air dispersion system shall be designed in accordance with the manufacturer's design guide or design manual. The design shall be documented in such a way as to be verifiable by the AHJ if requested by that AHJ. Design criteria shall include, but not be limited to, fabric air distribution device sizing, length, and support system, vent or orifice location and sizing, and system supply flow rates. Maximum air temperature, velocity, pressure and fabric permeability shall be taken into consideration.

**Exception:** The fabric air dispersion system may be designed by a licensed design professional in lieu of the above.

**608.4 LIMITATIONS:**

**608.4.1** The use of the fabric air dispersion system shall be those imposed by the evaluation report(s) for that manufacturer's product and by all North Carolina Mechanical Code requirements that may apply.

**608.4.2** Product installation and supports shall comply with the manufacturer's installation instructions and the requirements of North Carolina Mechanical Code Chapter 6 and the approved evaluation report(s).

**608.4.3** Product shall not pass through any fire-rated construction or penetration.

**608.4.4** Product shall be used for positive pressure air distribution only. Negative pressure uses (i.e., return or exhaust air) are prohibited.

**608.4.5** Product shall be used in exposed interior locations only, and cannot be concealed from view by building walls, partitions, floor/ceiling assemblies, or roof.

608.4.6 Clearance from combustibles shall be in accordance with the manufacturers installation instructions or North Carolina Mechanical Code Chapter 3, as applicable

608.4.7 Maximum positive pressure differential shall be limited to 3.1 inches of water column or the maximum positive pressure differential of that manufacturer's product, whichever is less.

608.4.8 Periodic cleaning and maintenance shall be in accordance with the manufacturer's recommendations. Mechanical duct cleaning means are prohibited.

608.4.9 Documentation shall be provided from the AHU manufacturer that using this product will not adversely affect the operation of the AHU.

608.4.10 Fabric air dispersion systems shall meet the requirements of North Carolina Mechanical Code paragraph 309.1.

Al Bass stated that items D-3 and D-4 proposed the same information. Mr. Bass made a motion to deny Item D-3. The motion carried.

**Item D-4 Add new section 603.1.1 to the North Carolina Mechanical Code as follows:**

603.1.1 Nothing in this section shall be deemed to preclude the use, within a conditioned space, of a duct system that combines the functions of air transport and air diffusion provided that the materials used in the said duct system have a fire spread/smoke developed rating not greater than 25/50.

Al Bass made a motion to modify and adopt this item. Motion was seconded by Marshall Knight. The motion carried.

New language is as follows:

Nothing in this section shall be deemed to preclude the use, within a conditioned space, of a fabric air distribution device that combines the function of air transport and air diffusion, provided that the materials used shall have a fire spread/smoke developed rating not greater than 25/50.

**Item D-5 Revise section R307.2.2 of the North Carolina Mechanical Code as follows:**

**307.2.2 Drain pipe materials and sizes.** Components of the condensate disposal system shall be cast iron, galvanized steel, copper, polybutylene, polyethylene, ABS, CPVC or PVC pipe or tubing. All components shall be selected for the pressure and temperature rating of the installation. Condensate waste and drain line sizes shall not be less than ¾-inch (19 mm) internal diameter and shall not decrease in size from the drain pan connection to the place of condensate disposal, except that condensate drain lines in attics and under-floor spaces of one- and two-family

dwelling shall be at least 1 inch inside diameter. Where the drain pipes from more than one unit are manifolded together . . .

Al Bass made a motion to modify the term “inside diameter” and have it changed to “pipe diameter.” The motion to adopt the petition as modified carried.

New language is as follows:

**307.2.2 Drain pipe materials and sizes.** Components of the condensate disposal system shall be cast iron, galvanized steel, copper, polybutylene, polyethylene, ABS, CPVC or PVC pipe or tubing. All components shall be selected for the pressure and temperature rating of the installation. Condensate waste and drain line sizes shall not be less than ¾-inch (19 mm) internal diameter and shall not decrease in size from the drain pan connection to the place of condensate disposal, except that condensate drain lines in attics and under-floor spaces of one- and two-family dwellings shall be at least 1 inch pipe diameter. Where the drain pipes from more than one unit are manifolded together . . .

**Item D-6 Add definitions to section R202 of the North Carolina Residential Code as follows:**

“**Dampproofing.** A coating or the application of coatings applied that is intended to prevent the penetration of water vapor and moisture through or into walls or into interior spaces”.

“**Waterproofing.** A coating or application of coatings applied that is intended to prevent the penetration of water under hydrostatic pressure through or into walls or into interior spaces”.

Marshall Knight requested this item be referred to the Residential Committee and brought back to the September 14, 2004 Building Code Council meeting.

**Item D-7**      **Revise section R311.4 of the North Carolina Residential Code as follows:**

**R311.4 Hallways and Interior Doors.** The minimum width of a hallway shall not be less than 3 feet (914 mm). All doors from habitable rooms shall be a minimum nominal 2'-6" x 6'-8".

Mack Nixon made a motion to adopt this item. Barry Maness seconded the motion. Marshall Knight requested clarification regarding door sizes. Al Bass suggested this item be reworded to read, "all doors providing egress." The motion to modify was seconded by Mr. Knight. The motion to adopt the petition as modified carried.

New language is as follows:

**R311.4 Hallways and Interior Doors.** The minimum width of a hallway shall not be less than 3 feet (914 mm). All doors providing egress from habitable rooms shall be a minimum nominal 2'-6" x 6'-8".

**Item D-8**      **Add to table 602.3 (1) of the North Carolina Residential Code as follows:**

**TABLE 602.3(1)**  
**FASTENER SCHEDULE FOR STRUCTURAL MEMBERS**

<b><u>DESCRIPTION OF BUILDING ELEMENTS</u></b>	<b><u>NUMBERS AND TYPE OF FASTENERS</u></b>	<b><u>SPACING OF FASTENERS</u></b>
<u>Ledger Strip</u>	<u>3-16d common</u> <u>4 – 3" x 0.131" nail</u> <u>4 – 3" 14 gage staple</u>	<u>Face nail at 2" on center</u> <u>under each joist</u>

A motion was made to modify this item by changing "2" to "4". The motion carried. A motion to adopt the petition as modified carried..

New language is as follows:

**TABLE 602.3(1)**  
**FASTENER SCHEDULE FOR STRUCTURAL MEMBERS**

<b><u>DESCRIPTION OF BUILDING ELEMENTS</u></b>	<b><u>NUMBERS AND TYPE OF FASTENERS</u></b>	<b><u>SPACING OF FASTENERS</u></b>
<u>Ledger Strip</u>	<u>3-16d common</u> <u>4 – 3" x 0.131" nail</u> <u>4 – 3" 14 gage staple</u>	<u>Face nail at 4" on center</u> <u>under each joist</u>

**Item D-9      Revise section R613.1 of the North Carolina Residential Code as follows:**

**General.** This section prescribes performance and construction requirements for exterior window systems installed in wall systems. Waterproofing, sealing and flashing systems are not included in the scope of this section. See section 703.8 for flashing requirements.

Tom Turner made a motion to adopt this item. The motion was seconded by Terry Greene. The motion carried. Carl Martin, staff with NCDOL, was referenced for clarification.

**Item D-10      Revise section R614.1 in the North Carolina Residential Code as follows:**

**R614.1 Side Hinge and Garage Doors.** Exterior side hinge doors and garage doors shall have a structural design pressure rating as required by ~~Table 301.2(4)~~ Table 301.2(5) or Section 4402. These doors are not required to be rated for water resistance nor air infiltration.

This item also pertains to items 18, 19, and 20. Marshall Knight made a motion to deny this item. Al Bass seconded the motion. The motioned carried.

**Item D-11      Add the following to section R602.10.5 and figure R602.10.5(2) of the North Carolina Residential Code:**

R602.10.5 Continuous structural panel sheathing.  
(Add the following after the first paragraph.)

**Exception:** Vertical wall segments in one story or first story of two story buildings next to garage openings shall be permitted to have a 6:1 height-to-width ratio (with height being measured from top of header to sill plate) when constructed in accordance with the following provisions. Each panel shall have a length of not less than 16 inches (406 mm) and a height of not more than 10 feet (3048 mm). Each panel shall be sheathed on one face with a single layer of 3/8-inch-minimum-thickness (9.5 mm) wood structural panel sheathing nailed with 8d common or galvanized box nails in accordance with Figure R602.10.5 (2). The wood structural panel sheathing shall extend up over the solid sawn or glued-laminated header and shall be nailed in accordance with Figure R602.10.5 (2). The header shall extend between the inside faces of the first full-length outer studs of each panel. The clear span of the header between the inner studs of each panel shall be not less than six feet (1829 mm) and not more than 18 feet (5486 mm) in length. A strap with an uplift capacity of not less than 1000 pounds (454 kg) shall fasten the header to the side of the inner studs opposite the sheathing. Two anchor bolts shall be installed in accordance with Section R403.1.6, and plate washers shall be a minimum of 2 inches by 2 inches by 3/16

inch (51 mm by 51 mm by 4.8 mm) thick and shall be used on each bolt. This exception is only permitted in Seismic Design Categories A-C.

**(Diagram will be included in final action.)**

Marshall Knight made a motion adopt and to clarify this item in the commentary. Al Bass seconded the motion and the motion carried.

**Item D-12 Add new sections regarding closed crawl spaces in the North Carolina Residential Code.**

This item has been reverted to the Residential Code Committee.

**Item D-13 Revise table R703.4 of the North Carolina Residential Code as follows:**

**Table R703.4  
Weather-Resistant Siding Attachment and Minimum Thickness**

Siding Material	Nominal thickness <sup>a</sup> (inches)	Joint treatment	Sheathing Paper Required	Type of supports for the Siding Material & Fasteners
Brick Veneer Concrete Masonry veneer	2 2	Section R703	Yes (m)	See section R703 and Figure R703.7 <sup>h</sup>

~~Delete footnote m: for masonry veneer, a weather-resistant membrane or building paper is not required over water-repellent sheathing materials when a 1-inch air space is provided between the veneer and the sheathing. When the 1-inch space is filled with mortar, a weather-resistant membrane or building paper is required over studs or sheathing.~~

Marshall Knight made a motion to refer this item to the Residential Code Committee. Al Bass seconded the motion and the motion carried.

**Item D-14 Revise section R703.8 of the North Carolina Residential Code as follows:**

**R 708.3 Flashing.** Approved corrosion-resistive flashing shall be provided in the exterior wall envelope in such a manner as to prevent the entry of water into the wall cavity or penetration of water to the building structural framing components. Install flashing per ASTM E 2112 *Standard Practice for Installation of Exterior Windows, Doors and Skylights*, or in accordance with manufacturer’s instructions. Aluminum flashing may not be used in contact with cementitious material, except at counter flashing. The flashing shall extend to the surface . . .

(Include a reference to the standard in Chapter 43 – References.)

Barry Gupton, staff with NCDOT, provided appropriate language for this item. Mr. Gupton stated that there were no references to the ASTM standard elsewhere in the code. Marshall Knight questioned the changes that have been made. Mack Nixon questioned what the proper procedures are if there are no instructions provided for the installer. John Hitch proposed a modification/clarification of this item. The motion was seconded. A motion to grant a petition as modified carried.

New language is as follows:

**R 708.3 Flashing.** Approved corrosion-resistive flashing shall be provided in the exterior wall envelope in such a manner as to prevent the entry of water into the wall cavity or penetration of water to the building structural framing components. Install flashing per ASTM E 2112 *Standard Practice for Installation of Exterior Windows, Doors and Skylights*, or in accordance with manufacturer's supplied written instructions. Aluminum flashing may not be used in contact with cementitious material, except at counter flashing. The flashing shall extend to the surface . . .  
(Include a reference to the standard in Chapter 43 – References.)

**Item D-15** **Revise section R703.7.4.2 of the North Carolina Residential Code as follows:**

**R703.7.4.2 Air Space.** The veneer shall be separated from the sheathing by an air space of a minimum of nominal 1 inch (25.4 mm) air space but not more than 4.5 inches (114 mm). ~~The weather-resistant membrane or asphalt-saturated felt required by Section R703.2 is not required over water-repellent sheathing materials.~~

This item was referred to the Residential Code Committee.

**Item D-16** **Revise section R903.3 of the North Carolina Residential Code as follows:**

**R903.3 Coping.** Parapet walls shall be properly coped with noncombustible, weatherproof materials of a width no less than the thickness of the parapet wall. Parapet coping shall extend 2 inches minimum down the faces of the parapet.

Marshall Knight made a motion to adopt this item. Barry Maness seconded the motion. The motion carried.

**Item D-17** Revise section R905.2.8.3 of the North Carolina Residential Code as follows:

**R905.2.8.3 Crickets and saddles.** A cricket or saddle shall be installed on the ridge side of any chimney greater than 30 inches (762 mm) wide. Cricket or saddle covering shall be sheet metal or of the same material as the roof covering. Provide flashing at the intersection of the cricket or saddle and the chimney. See Section 703.8.

Marshall Knight made a motion to adopt this item. Barry Maness seconded the motion. The motion carried.

**Item D-18** Revise table 4402(b) in the North Carolina Residential Code as follows:

**TABLE 4402(b)**  
**DESIGN PRESSURES IN PSF FOR GARAGE DOORS <sup>1,2,3,4,5,6</sup>**  
**POSITIVE AND NEGATIVE IN PSF**

**9x7 Doors**

Velocity (mph)	Mean Roof Height (ft)		
	15	25	35
<b><u>110</u></b>	20 + <u>19.1</u> -21.6	23 + <u>19.1</u> -21.6	26 + <u>20.0</u> -22.6
<b><u>120</u></b>	25 + <u>22.8</u> -25.8	29 + <u>22.8</u> -25.8	32 + <u>23.8</u> -26.9
<b><u>130</u></b>	30 + <u>26.7</u> -30.2	35 + <u>26.7</u> -30.2	39 + <u>27.9</u> -31.5

**16x7 Doors**

Velocity (mph)	Mean Roof Height (ft)		
	15	25	35
<b><u>110</u></b>	+ 18.3 -20.4	+ 18.3 -20.4	+ 19.1 -21.3
<b><u>120</u></b>	+ 21.8 -24.3	+ 21.8 -24.3	+ 22.8 -25.4
<b><u>130</u></b>	+ 25.6 -28.5	+ 25.6 -28.5	+ 26.7 -29.8

1. The pressures in this table are for garage doors at least 9 ft x 7 ft and ~~at least 2 ft~~ from a corner.
2. Alternate design pressures may be determined by using the North Carolina State Building Code General Construction, ASCE 7-98 or the 2000 International Building Code.
3. For doors in a structure with a roof slope of 10 degrees (2:12) or less from the horizontal the pressures from this table may be multiplied by ~~0.90~~ 0.92.
4. Design pressure ratings based on tests done according to ASTM E330 or ANSI/DASMA 108 are adequate documentation.

5. Garage doors on the ground level of a structure in a flood zone do not have to meet the above design pressures provided all of the following conditions are met:
  - Structure is anchored to the girders and top of the piling to resist the forces given in Chapter 44. The garage door occurs below the top of the piling.
  - Provide openings at the garage level that comply with either of the following options:
    1. Design all exterior walls at the garage level to break away at 20 psf or less or:
    2. Provide openings (in walls at the garage level without the garage door) equal to at least 20% of the total wall area from the ground to the roof.
6. Design pressures are based on Exposure B condition.
  - a. For 15' mean roof height, multiply by 1.21 for Exposure C values and by 1.47 to get Exposure D values
  - b. For 25' mean roof height, multiply 1.34 for Exposure C values and by 1.60 to get Exposure D values
  - c. For 35' mean roof height, multiply 1.38 for Exposure C values and by 1.63 to get Exposure D values

This item pertains to items 10, 19, and 20. Bob Ruffner made a motion to deny this item. Mack Nixon seconded the motion. The motion carried.

**Item D-19 Add a new table 301.2(5) in the North Carolina Residential Code as follows:**

**TABLE 301.2(5)**  
**DESIGN PRESSURES FOR GARAGE DOORS** <sup>1,2,3,4,5,6</sup>  
**POSITIVE AND NEGATIVE IN PSF**

**9x7 Doors**

Velocity (mph)	Mean Roof Height (ft)		
	<u>15</u>	<u>25</u>	<u>35</u>
<u>90</u>	+ 12.8 -14.5	+ 12.8 -14.5	+ 13.4 -15.1
<u>100</u>	+ 15.8 -17.9	+ 15.8 -17.9	+ 16.5 -18.7

**16x7 Doors**

Velocity (mph)	Mean Roof Height (ft)		
	<u>15</u>	<u>25</u>	<u>35</u>
<u>90</u>	+ 12.3 -13.7	+ 12.3 -13.7	+ 12.8 -14.3
<u>100</u>	+ 15.2 -16.9	+ 15.2 -16.9	+ 15.8 -17.6

1. The pressures in this table are for garage doors at least 2 ft from a corner.
2. Alternate design pressures may be determined by using the North Carolina State Building Code General Construction, ASCE 7-98 or the 2000 International Building Code.

3. For doors in a structure with a roof slope of 10 degrees (2:12) or less from the horizontal pressures from this table may be multiplied by 0.92.
4. Design pressure ratings based on tests done according to ASTM E330 or ANSI/DASMA 108 are adequate documentation.
5. Garage doors on the ground level of a structure in a flood zone do not have to meet the above design pressures provided all of the following conditions are met:
  - a. Structure is anchored to the girders and top of the piling to resist the forces given in Chapter 44.
  - b. The garage door occurs below the top of the piling.
  - c. Provide openings at the garage level that comply with either of the following options: 1. Design all exterior walls at the garage level to break away at 20 psf or less or:
    2. Provide openings (in walls at the garage level without the garage door) equal to at least 20% of the total wall area from the ground to the roof.
6. Design pressures are based on Exposure B condition.
  - a. For 15' mean roof height, multiply by 1.21 for Exposure C values and by 1.47 to get Exposure D values
  - b. For 25' mean roof height, multiply by 1.34 for Exposure C values and by 1.60 to get Exposure D values
  - c. For 35' mean roof height, multiply by 1.38 for Exposure C values and by 1.63 to get Exposure D values

This item pertains to items 10, 18, and 20. Bob Ruffner made a motion to deny this item. Mack Nixon seconded the motion. The motion carried.

**Item D-20 Include reference to the Dasma garage door wind load guide in the North Carolina Residential Code.**

Barry Gupton, staff with NCDOL, addressed this item. Joe Hetzel, of Dasma, spoke on behalf of his company. This item was referred to the Residential Code Committee.

**Part E – Reports**

**Item E-1 Administrative Code Committee Report**

Diane Miller announced that the next meeting will be held on July 1, 2004. Ms. Miller also explained that additional information can be added to the Administrative Code without technically being considered a part of the code. She also discussed ways that the committee is going about making the Administrative Code more consistent. Dan Tingen also proposed a need for a Building Code Council handbook.

## **Item E-2 Building Code Committee Report**

Butch Simmons proposed a process to effectively compare the 2002 North Carolina Building Code and the 2003 Building Code.

## **Item E-3 Electrical, Mechanical, Plumbing, and Energy Code Committees Reports**

All committees stated that there was no information to report.

## **Item E-4 Residential Code Committee Report**

Marshall Knight announced the next meeting date for June 30, 2004 at 9:30AM to meet jointly with the Energy Conservation Code Committee.

## **Item E-5 Existing Building Code Committee**

John Hitch reported on continued progress in reviewing the International Existing Building Code. He stated that he anticipated finishing the review in a matter of no more than three meetings.

## **Item E-6 Staff Reports**

Wanda Edwards, staff with NCDOT, presented information on the reorganization of the department. She provided the Council with a list detailing each staff members specific responsibilities. She also discussed the availability of codes on-line, code interpretations, and the availability of the code commentaries. John Hitch suggested sending the information to local news sources (newspapers, television stations, radio stations) for greater access to the information by the public.

## **Item E-7 Other Reports**

Wanda Edwards, staff with NCDOT, addressed the issue of Christmas trees in apartments. She stated that inspectors would/should address those located in common areas within apartment complexes.

Tom Turner addressed the issue of acoustics in the meeting/classroom of the North Carolina Department of Insurance located at 322 Chapanoke Road, Raleigh, NC. Dan Tingen requested that a PA system be procured if meetings are to be held at this location in the future.

## **Part F – Appeals**

### **Item F-1 Superior Walls vs. Davidson County**

Appeal hearing for this item was heard by the Council after the close of the meeting.

**Item F-2      Today Homes of NC vs. NC Department of Insurance**

Appeal hearing for this item has been moved to September 14, 2004 NC Building Code Council meeting.

Chairman Tingen stated that there was no further business. The meeting was adjourned.

Sincerely,

Barry Gupton