

February 11, 2004

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

RE: Agenda for the March 9, 2004 Building Code Council Meeting

Dear Dan:

This is to officially notify you and other interested parties of a regularly scheduled meeting of the Building Code Council.

1. The work session will begin at 9:00 AM on Monday, March 8, 2004. The work session is open to the public on a non-contributing basis.
2. **A PUBLIC HEARING IS NOT SCHEDULED FOR THIS MEETING. THE NEXT PUBLIC HEARING IS SCHEDULED FOR JUNE 7, 2004.**
3. The Building Code Council meeting will begin at 9:00 AM on Tuesday, March 9, 2004.

The March Building Code Council meeting will be held at the Sheraton Atlantic Beach Oceanfront Hotel, located at 2717 West Fort Macon Road, Atlantic Beach, NC 28512. Persons requiring auxiliary aids or service should notify the Council at least (10) working days prior to the meeting.

**ITEM 1 – APPROVAL OF MINUTES OF THE DECEMBER 9, 2003
BUILDING CODE COUNCIL MEETING.**

**ITEM 2 – EVALUATION OF STATEMENT OF ECONOMIC INTEREST FILED
BY MACK E. NIXON.**

**ITEM 3 – REQUEST BY JEFF BRITT WITH ROBESON COUNTY FOR
AUTHORITY TO REVIEW PLANS AND SPECIFICATIONS FOR
BUILDINGS AS LISTED IN
TABLE 502 OF THE NORTH CAROLINA ADMINISTRATION AND
ENFORCEMENT CODE.**

ITEM 4 – REQUEST BY ALVIN T. ROUNTREE, TOWN OF KILL DEVIL HILLS, FOR A FORMAL CLARIFICATION REGARDING HOW CODE OFFICIALS HANDLE PERMITTING AND ENFORCEMENT OF MOVED AND RELOCATED RESIDENTIAL STRUCTURES.

ITEM 5 – REQUEST BY KEN SZYMANSKI, APARTMENT ASSOCIATION OF NORTH CAROLINA, FOR CLARIFICATION AND CONFIRMATION REGARDING PERMITTED USES OF NONMETALLIC ELECTRICAL CABLING IN BUILDINGS.

PETITIONS FOR RULEMAKING

The following petitions for rule making have been received since the last Council meeting. The Council votes to grant or deny the petitions. Petitions that are granted may proceed through the rulemaking process. The Council will give no further consideration to petitions that are denied. The Council may send any petition to the appropriate committee for review. Committee meetings, if scheduled, will be June 7, 2004. The public hearing for petitions granted will be held on September 13, 2004.

ITEM 6 – REQUEST BY MARK ZACK WITH CORLEY REDFOOT ZACK INC., TO REVISE TABLE 403.1 IN THE NORTH CAROLINA PLUMBING CODE AS FOLLOWS:

TABLE 403.1 - MINIMUM NUMBER OF PLUMBING FACILITIES

Footnote #26:

26. For health clubs, dance studios and similar facilities, the number of persons equals the activity floor area divided by 30 50 with the female-male ratio 50% -50%. Drinking Fountains 1 per 75 persons.

ITEM 7 – REQUEST BY MARK ZACK WITH CORLEY REDFOOT ZACK INC., TO REVISE TABLE 403.1 IN THE NORTH CAROLINA PLUMBING CODE AS FOLLOWS:

TABLE 403.1 - MINIMUM NUMBER OF PLUMBING FACILITIES

Footnote #26:

*26. For health clubs, dance studios, college recreational gymnasiums exclusive of seating areas, and similar facilities, the number of persons equals the activity floor area divided by 30 with the female-male ratio 50% -50%.
Drinking Fountains 1 per 75 persons.*

ITEM 8 – REQUEST BY BOBBY L. JOYNER, P.E. TO ADD A NEW SECTION 102.4 INSULATION INSTALLATION IN THE NORTH CAROLINA ENERGY CODE AS FOLLOWS:

Section 102.4 Insulation installation.

102.4.1 Protection of exposed foundation insulation.

Insulation applied between the insulation 102.4.2 Protection of Crawl Space Floor Framing: Batt Insulation shall be installed in crawl space floor framing such that the bottom of the batt is no less than 1 inch below the bottom of the timber floor joists and in such a manner that prevents compressing or pinching batts and that promotes uniformity in batt thickness along its length. Insulation batts shall be placed snug against the joists such that there are no burps or open cavities and the sides of the joist. Insulation batts abutting the perimeter band shall be turned up to provide full coverage of the band. Bottom edges of joists shall also be covered with a 1-inch rigid foam insulation board, fiberglass batt, or spray applied insulation. Exposed drop sills/girders shall either be pressure treated or covered with a minimum of 1 inch thick insulation board or 1 inch of spray applied insulation.

104.2 R-Values shall be consistent with the applicable sections of chapters 4, 5, 6 and 8. When an air space cavity is permitted between the top of the faced side of the batt and the bottom of the floor sheathing. Designers may add the R-value gained by the presence of the air space between the batt insulation and the sheathing.

Table 502.2.3.3

See suggested additions to table 502.2.3.3, below.

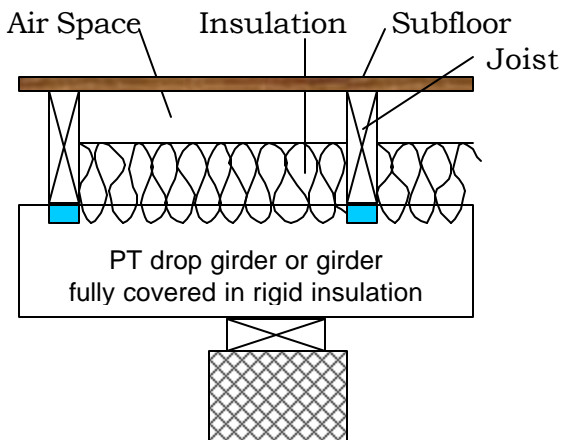


Table 502.2.3.3 FLOOR ASSEMBLIES (U_r selected shall not exceed the U_o specified in Section 502.2.3.3)		
R Value of Insulation	U_r	R_o
7	0.11	9.09
11	0.08	12.50
19	0.05	20.00
22	0.04	25.00
30	0.03	33.33

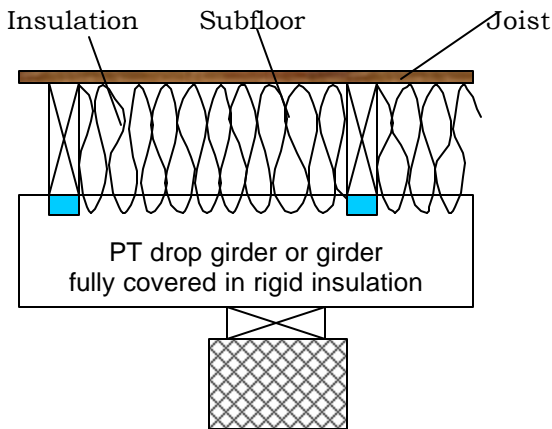


Table 502.2.3.3 FLOOR ASSEMBLIES (U_r selected shall not exceed the U_o specified in Section 502.2.3.3)		
R Value of Insulation	U_r	R_o
19	.05	20.00
22	.04	25.00
30	.03	33.33

ITEM 9 – REQUEST BY BOBBY L. JOYNER, P.E. TO REVISE SECTION 503.3.3.4.2 IN THE NORTH CAROLINA ENERGY CODE AS FOLLOWS:

503.3.3.4.2 LOW-PRESSURE DUCT SYSTEMS. Low pressure return ducts, located in unheated crawl space, shall be leak tested in accordance with SMACNA HVAC Air Duct Leakage Test Manual with the rate of air leakage not to exceed the maximum rate specified in the standard. All longitudinal and transverse....

ITEM 10 – REQUEST BY BOBBY L. JOYNER, P.E. TO ADD A NEW SECTION 503.3.3.4.4 INSULATION INSTALLATION IN THE NORTH CAROLINA ENERGY CODE AS FOLLOWS:

DUCT CLEARANCES & BLOCKAGE

503.3.3.4.4 Duct Clearances. There shall be a minimum of 3 inches of clearance between the bottom of timber joists and supply and return rigid trunk ducts. There shall be also a minimum of 4 inches between the crawl space grade and the bottom of any flexible or rigid duct. These clearances also apply to any mechanical equipment placed in the crawl space.

503.3.3.4.5 Crawlspace blockage by ducts. Placement of supply and return ducts shall in no way prohibit, isolated, restrict or otherwise block access to any area of the crawl space unless other means of man way access is provided to an area proposed to be isolated by cut off. A minimum access area/opening of 18"high by 24" wide shall be required to all areas the crawlspace. Access shall not be provided by excavating below the duct into the existing crawl space grade unless the excavated depression can be positively drained or piped to prevent ponding of water in the depression.

ITEM 11 – REQUEST BY BOBBY L. JOYNER, P.E. TO ADD A NEW SECTION R1003.2.1 IN THE NORTH CAROLINA RESIDENTIAL CODE AS FOLLOWS:

R1003.2.1 Unbalanced loading of footings. Where the footing is extended towards the interior for the purpose of supporting a masonry hearth, the footing shall be extended an equal distance on the backside (exterior) of the chimney and the footing constructed of reinforced concrete. The footing shall have a minimum thickness of 12 inches with a minimum of #5 reinforcing bars spaced at 6 inches on center. The center of the bars shall be placed uniformly 3 ½ inches off the footing sub grade and laid perpendicular to the home's perimeter wall footing for the (parallel to the home's perimeter wall footing) spaced at 12 inches on center. If the footing projection extends more than 4 feet beyond the face of the chimney or the chimney height exceeds 35 feet, the footing shall be designed a NC Licensed Architect or Professional Engineering.

ITEM 12 – REQUEST BY THE RESIDENTIAL/STRUCTURAL COMMITTEE TO REVISE THE FOLLOWING IN SECTION R403.1 OF THE NORTH CAROLINA RESIDENTIAL CODE:

R403.1.6 (in part)

The wood sole plate at exterior walls on monolithic slabs and wood sill plates shall be anchored to the foundation with anchor bolts spaced a maximum of 6 feet on center and not more than 12 inches from corners. Anchor bolts shall also be located within 12 inches from the ends of each plate section. In Seismic Design Categories D1 and D2, anchor bolts....

ITEM 13 – REQUEST BY THE RESIDENTIAL/STRUCTURAL COMMITTEE TO ADD THE FOLLOWING TO TABLE R602.10.3 OF THE NORTH CAROLINA RESIDENTIAL CODE:

Footnote:

c. Braced wall panels, assembled in accordance with Section R602.10.3, Method 3, with wood structural panel sheathing on both sides, may be used to reduce the panel lengths shown by 50%.

ITEM 14 – REQUEST BY HOLLY LEMIEUX TO A NEW SECTION 7.1.2.1 OF THE NORTH CAROLINA ACCESSIBILITY CODE AS FOLLOWS:

7.1.2.1 An accessible entrance to a newly constructed building of public accommodations offering goods and/or services to the public shall be provided with an automated door. A newly constructed building with two thousand five hundred (2,500) square feet of space or less would be exempt from providing an automatic door.

ITEM 15 – COMMITTEE REPORTS

BUILDING CODE COUNCIL COMMITTEES

1. ADMINISTRATION COMMITTEE
2. JOINT RESIDENTIAL AND STRUCTURAL COMMITTEE MEETING

AD HOC COMMITTEES

1. INTERNATIONAL EXISTING BUILDING COMMITTEE

COMMENTARY COMMITTEES

1. PLUMBING CODE COMMENTARY
2. MECHANICAL CODE COMMENTARY

ITEM 16 – OTHER ITEMS

Sincerely,

Lee Hauser, PE
Acting Secretary