

**MINUTES OF THE
NORTH CAROLINA BUILDING CODE COUNCIL MEETING
JUNE 8, 1999
GREENVILLE, NORTH CAROLINA**

All Council members were present.

THESE ARE SUMMARY MINUTES AND THE OFFICIAL MINUTES OF THIS MEETING ARE RECORDED ON TAPE. ANYONE DESIRING VERBATIM OR EXCERPTS FROM THESE TAPES SHOULD CONTACT THE ENGINEERING DIVISION, NC DEPARTMENT OF INSURANCE FOR INFORMATION ON REPRODUCTION COSTS. AMENDMENTS TO THE CODES APPROVED AT THIS MEETING ARE ATTACHED TO THESE MINUTES.

The December Council meeting will be held on December 14, 1999 at the Charlotte Marriot Executive Park.

Chairman Barry Gardner called the meeting to order. He introduced the new Building Code Council Member, Thomas Turner, FAIA, of Charlotte, who has filled the new architect position. He also introduced Doug Hanna, the attorney for the Building Code Council.

ITEM 1. MINUTES OF DECEMBER, 1998 COUNCIL MEETING.

Bob Pierce made a motion to approve the minutes as written. Tom Avery seconded the motion and the motion carried without dissent.

ITEM 2. REQUEST BY STAFF TO APPROVE A CODE MORATORIUM ON NORTH CAROLINA CODE CHANGE HEARINGS FROM JULY 1999 UNTIL DECEMBER 2000 (BUILDING CODE COUNCIL MEETINGS 12/1999, 6/2000, 12/2000) WHILE THE NORTH CAROLINA CODE COMMITTEES WORK TO CREATE THE 2002 NORTH CAROLINA BUILDING CODE BASED ON THE INTERNATIONAL BUILDING CODES. CODE HEARINGS WILL RESUME JUNE 2001 WITH AMENDMENTS EFFECTIVE JANUARY 1, 2002.

THE COUNCIL WILL MEET TWO TIMES A YEAR TO HEAR THE FOLLOWING:

1. BUILDING CODE APPEALS PER GS 143-140.
2. FURTHER STUDY ITEMS.
3. THE RESIDENTIAL WIND AD HOC COMMITTEE PROPOSALS & REPORT.
4. THIRD PARTY APPROVALS.

Barry Gardner stated that the Building Code Council would also hear requests on local fire code ordinances and any items that are considered an imminent threat to the public health and safety.

Stella Adams, Executive Director of the NC Fair Housing Division, expressed concern that the Accessibility Code changes would not go into effect immediately. Grover Sawyer clarified that all Accessibility Code changes approved at this meeting will go into effect on July 1, 1999. He further explained that Council is under a three-year code cycle per General Statute 143-138(d) such that all other approved code changes would become effective January 1, 2002.

Aubrey Smith made a motion to adopt the code proposal. Mark Trollinger seconded the motion. Discussion followed. Greg Mulholland asked if there was an International Energy Code. Billy Hinton stated that there is an International Energy Code. He stated that a committee should study the International Energy Code to see if changes need to be made to the Energy Section of the North Carolina Residential Code, and the North Carolina Energy Code.

The motion carried.

ITEM 3. REQUEST BY RICHARD DIPERT, P. E. OF STAFF TO UPDATE THE NFPA FIRE STANDARDS.

Richard Strickland made the motion to approve. Jack Neel seconded the motion. The motion carried.

ITEM 4. REQUEST BY CARLTON ROBERSON TO REVISE VOLUME V SECTION 3901.1 TO CONSIDER FABRIC CANOPIES, WITH SCREENING THAT IS REQUIRED BY THE NORTH CAROLINA HEALTH DEPARTMENT, AS OPEN.

Richard Strickland made a motion to deny. Steven Peay seconded the motion. Elaine Brown stated that this item had been before the Council at a previous meeting and had been denied. Discussion followed. Greg Mulholland requested the specifics of Mr. Roberson's situation. Mr. Pierce stated that Mr. Roberson is presently using a trailer and is not restricted in the use of this trailer. Grover Sawyer stated that when using a tent with screening, the mechanical equipment would be required to meet the Mechanical Code. The Mechanical Code would require a grease hood with duct system.

The motion carried.

ITEM 5. REQUEST BY ED WARNER P. E. OF THE NC DEPARTMENT OF PUBLIC INSTRUCTION TO REVISE VOLUME III SECTION 403 TO CLARIFY VENTILATION REQUIREMENTS FOR CLASSROOMS.

Al Bass made the motion to approve. Bob Pierce seconded the motion. The motion carried.

ITEM 6. REQUEST BY BILLY HINTON, P. E. OF STAFF TO REVISE VOLUME X, SECTION 101 TO EXEMPT TEMPORARY AIR SUPPORTED, AIR INFLATED, AND TENSIONED MEMBRANE STRUCTURES FROM THE REQUIREMENTS OF VOLUME X.

Al Bass made a motion to approve. Greg Mulholland seconded the motion. Discussion followed. Grover Sawyer stated that the NC Building Code, Volume I has already defined temporary structures as 180 days, in lieu of 270 days. The Council agreed that the 180 days was acceptable and included this definition in the motion.

The motion carried.

ITEM 7. REQUEST BY THE NORTH CAROLINA APARTMENT ASSOCIATION TO REVISE SECTIONS OF CHAPTER 30 & 49 (MULTIFAMILY DWELLINGS) OF VOLUME I-C. DRAFT OF REVISIONS BY JEFF KANNER OF THE DEPARTMENT OF INSURANCE AVAILABLE UPON REQUEST.

Aubrey Smith reviewed the history of the adoption of the new Accessibility Code. He stated that the Council had announced their intent to adopt the new Volume I-C Code effective

July 1, 1999, in August 1998. The Council voted for approval in September 1998. In March 1999 the General Construction Committee discussed certain concerns that the NC Apartment Association had on multifamily dwelling unit accessibility requirements. A compromise was agreed upon at this meeting and these changes are presented before the Council today. Aubrey stated that certain issues had recently surfaced on the subject of bathroom fixture arrangements in type B units. In response to these recent requests, a revision was made to permit all the bathroom fixtures to be placed on one wall. A clarification was also made to define the 21 requirement in closets as a measurement to the back of a closet with shelves, or to the rods of a hanging closet. The revised text to address these issues is before the Council today.

Aubrey Smith made a motion to approve the revisions effective July 1, 1999. Jack Neel seconded motion.

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Discussion followed. Jeff Kanner expressed concern that the printing time of these revisions may exceed the July 1, 1999 effective date. He proposed delaying the effective date of Chapters 30 and 49. Grover Sawyer stated that a delay was not necessary. Charlie Watts an architect stated that July would not give enough time for architects to readdress these new revisions. Stella Adams, Executive Director of the NC Fair Housing Division, stated that these requirements have existed for nine years and are not new requirements. Wesley Shelton stated that he has been waiting nine years for these State regulations and believes the community is deserving of this Code, effective July 1, 1999. The motion carried.

John Dalrymple from the Division of Vocational Rehabilitation requested a point of personal privilege to thank Jeff Kanner of the Department of Insurance for his efforts. He also thanked all the members representing the disability community for their attendance at this meeting. Aubrey Smith thanked and acknowledged Jeff Kanner for all his hard work. Barry Gardner thanked the community and Jeff Kanner for all their efforts in trying to work together.

ITEM 8. REQUEST BY BRUCE RUNBERG, ASSOCIATE VICE CHANCELLOR OF FACILITY SERVICES TO REVISE THE 1999 VOLUME I-C SECTION 4.2.1 TO PERMT REQUIRED ACCESSIBLE SPACES TO BE PROVIDED IN A DIFFERENT LOCATION IF EQUIVALENT ACCESSIBILITY IS ENSURED.

Barry Gupton presented revised wording of this proposal in response to a request by John Hitch at the work session. The revised wording is to the end of existing 4.1.1.1 as follows:

When multiple parking lots and/or parking decks serve a group of buildings, the required spaces in the remote lots may be redistributed in lots adjacent to the buildings served. (If the designer elects to redistribute the accessible spaces in compliance with this Paragraph, then a plan showing the entire complex and all parking lots shall be submitted to the local Code Enforcement Official.)

Al Bass questioned in the case of a University, if all the parking lots would be required to be submitted to CEO. John Hitch stated that all the lots would need to be submitted.

Jeff Kanner stated that the best placement of this section would be Section 4.6.2.1 on page 35. John Hitch stated that he considered Jeff's suggestion to be a friendly amendment.

Greg Mulholland stated that the statement in parenthesis is a requirement and as such, the parenthesis should be removed.

John Hitch made the motion to approve. Aubrey Smith seconded the motion.

Discussion followed. Marty Silverthorne asked where the van accessible spaces could be placed in a situation of a hotel with a parking deck that is not accessible to a raised roof van. Barry Gupton stated that the proposal is worded such that accessible spaces could be located closer to the building where they would work better instead of farther away.

Thomas Turner requested to change the word if to when. Jeff Kanner stated that the if; then statement is consistent with the entire Volume I-C code language.

It was clarified that the motion included the Section change to 4.6.2.1 and the removal of parenthesis. The motion passed without dissent.

ITEM 9. REQUEST BY BEN B. AYCOCK, P. E. TO ADD A NEW SECTION TO VOLUME I, SECTION 1020.3 ON INTERIOR SECURITY DOORS WHICH PERMIT ELECTRONIC SECURITY LOCKS IN ANY ELEMENT OF THE EXIT PATH UNDER SPECIFIED CONDITIONS.

This item is referred to the General Construction Committee.

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ITEM 10. REQUEST BY THE FIRE AD HOC COMMITTEE TO REVISE VOLUME I, SECTIONS 903.7.5, 903.8, & 905.1.1 REGARDING SPRINKER AND FIRE ALARM REQUIREMENTS FOR RESIDENTIAL OCCUPANCIES, EFFECTIVE DATE JULY 1, 1999.

Aubrey Smith made the motion to approve, effective July 1, 1999. Richard Strickland seconded the motion. The motion passed without dissent.

ITEM 11. REQUEST BY RICHARD WALKER OF AAMA TO ADD NEW TABLES 305.5 AND 4002 (c) TO VOLUME VII WHICH GIVE DESIGN PRESSURES IN PSF FOR SKYLIGHTS.

Bill Murchison revised the wording of certain footnotes. He stated that members of the Skylight Council, who represent the majority of skylight producers, were notified of this code change.

The revised wording of footnote 2 was submitted as follows:

- 2 (a) Corner pressures shall be used when a skylight is less than 4 feet from any two roof edges, ridges, hips or a combination of these elements.
- (b) Edge pressures shall be used when a skylight is less than 4 feet from a roof edge, ridge or hip, but more than 4 feet from any other such element.
- (c) Interior pressures shall be used when a skylight is more than 4 feet from all roof edges, ridges, or hips.

Mark Trollinger made the motion to approve. Marshall Knight seconded the motion.

Discussion followed. Greg Mulholland asked if the skylights should be required to be labeled.

The staff suggested adding the following new Section:

Section 308.6.9 Skylights. Skylights shall be labeled to indicate their required design pressure rating as required by Table 308.6.2 and Table 4002(c).

Mark Trollinger amended his motion to include the Section 308.6.2 and footnote 2 revisions as stated above. The motion passed.

ITEM 12. COMMITTEE REPORTS

The Chairmen of the International Committees gave the following meeting dates. (The meeting dates have been updated)

Residential Wind Ad Hoc Committee- Mark Trollinger, Chairman August 16 @ The NC Homebuilders Association in Raleigh

International Fire Code Committee - Richard Strickland, Chairman, July 21 @ Greensboro

International Building Code Committee -Aubrey Smith July 23 @ DOI

International Mechanical Code Committee - Al Bass, Chairman July 19 @ DOI

International Plumbing Code Committee Al Bass, Chairman - July 7 @ DOI

International Residential Code Committee Jack Neel, Chairman - August 17 @ DOI

Building Code Council Committee Meetings

The Mechanical Committee will meet September 21, 9:00 am at the Department of Insurance.

The General Construction Committee will meet September 21, 3:00 pm at the Department of Insurance.

The Residential & Structural Committee will meet September 22, 9:00 am at the Department of Insurance.

Bob Pierce informed the Building Code Council that CSA International had acquired The American Gas Association and would be introducing redesigned certification markings in January 1, 2002.

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Jeff Kanner distributed a supplemental illustration to Section 4.4.3. He also distributed a revised illustration, 7.2, to clarify the closet door width for closets. He explained that these two illustrations were already requirements in the code. The Code requirements are further clarified by these illustrations. These items will be considered code clarifications and will be distributed by the Department of Insurance.

Barry Gardner stated that there are three Building Code Council members that will not be renewing their term. He recognized Mark Trollinger, Stephen Peay, and Harmon Byrd.

The meeting adjourned.

Sincerely,

Wanda D. Edwards, P. E.
Secretary