

**South Carolina Building Codes Council
Code Study Committee Meeting
South Carolina Fire Academy, Denny Auditorium
141 Monticello Trail, Columbia, SC 29203**

MINUTES

Tuesday, September 28, 2021

9:30 am

Welcome and Call To Order:

Jesse Burke, Chairman, called the committee meeting to order at 9:34 a.m. Other Committee members present for the meeting included: Curtis Whaley, Stanley O'Brien, Douglas James, and Donald Chapman.

Jesse Burke, Chairman, announced that notice of this meeting was properly posted at the Building Codes Council Office, Synergy Business Park, Kingstree Building, and provided to all requesting persons, organizations, and news media in compliance with §30-4-80 of the South Carolina Freedom of Information Act.

Staff members participating in the meeting included: Stacey Hewson, Advice Counsel; Molly Price, Administrator; Maggie Smith, and Teresa Martin, Program Coordinators; Zahid Chinwalla, Program Assistant; and Travis McLeod, Court Reporter.

Approval of Agenda:

September 28, 2021

Mr. O'Brien made a motion to approve the Agenda for the September 28, 2021 meeting. Mr. James seconded the motion, which carried unanimously.

Chairman's Remarks:

Chairman Jesse Burke thanked everyone for coming. He reviewed the time limits for those testifying, stating that there would be 10 minutes to speak in favor, 10 minutes to speak against, 5 minutes to rebut in favor and 5 minutes to rebut against. He reminded everyone that these would be the total amounts of time regardless of the number of speakers, and asked that everyone wait to be sworn in before testifying. Any questions asked by the committee members would not

Administrator's Remarks:

Mrs. Price reminded anyone to state their name before testifying, and commented that a one-hour lunch break would be taken.

Review of 2021 Modifications:

a. 2021 International Plumbing Code

202 Definitions

MOTION

Mr. Chapman made a motion to approve. Mr. O'Brien seconded the motion, which carried unanimously.

403.1 - Minimum number of required plumbing fixtures

MOTION

Mr. O'Brien made a motion to approve. Mr. James seconded the motion, which carried unanimously.

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410.4 - Substitution

MOTION

Mr. O'Brien made a motion to approve. Mr. Chapman seconded the motion, which carried unanimously.

b. 2021 International Residential Code

R202 - Definitions

MOTION

Mr. O'Brien made a motion to go into executive session for legal advice with Ms. Price and Ms. Smith remaining. Mr. Chapman seconded the motion, which carried unanimously.

MOTION

Mr. O'Brien made a motion to come out of executive session. Mr. Chapman seconded the motion, which carried unanimously.

MOTION

Mr. O'Brien made a motion to return the request to the submitter to revise the modification language and present it to the committee later in the meeting, or bring it to the full Council for review if not resubmitted. Mr. Chapman seconded the motion, which carried unanimously.

R301.2.1 - Wind Design Criteria

MOTION

Mr. O'Brien made a motion to approve with modified language. Mr. Chapman seconded the motion, which carried unanimously.

R301.2.2.1 - Determination of Seismic Design Category

MOTION

Mr. O'Brien made a motion to approve with modified language. Mr. Chapman seconded the motion, which carried unanimously.

R302.1 - Exterior Walls

MOTION

Mr. O'Brien made a motion to approve with correction to the exception number. Mr. Chapman seconded the motion, which carried unanimously.

R302.2.7 - Townhouse Eave Projections

The submitter withdrew the modification request.

R302.4.1 - Through Penetrations

MOTION

Mr. James made a motion to approve. Mr. O'Brien seconded the motion, which carried unanimously.

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R313.1 - Townhouse Automatic Fire Sprinkler Systems

The chair called Rick Fluegge, specialty member, to participate in discussion and vote.

MOTION

Mr. James made a motion to deny. Mr. O'Brien seconded the motion, which carried. Mr. Fluegge opposed.

R318.5- Termite Inspection Area

MOTION

Mr. O'Brien made a motion to approve with modified language. Mr. James seconded the motion, which carried unanimously.

R321.1.2 - Space Guards

MOTION

Mr. Chapman made a motion to approve. Mr. O'Brien seconded the motion, which carried. Mr. Whaley opposed.

R408.3(2.2) - Unvented Crawl Space

MOTION

Mr. O'Brien made a motion to approve. Mr. Chapman seconded the motion, which carried unanimously.

P2903.7 - Size of Water-Service Mains, Branch Mains and Risers

MOTION

Mr. O'Brien made a motion to deny. Mr. James seconded the motion, which carried unanimously.

P2904.2.4.2.1 - Additional Requirements for Pendant Sprinklers

The chair called Rick Fluegge, specialty member, to participate in discussion and vote.

MOTION

Mr. James made a motion to approve. Mr. O'Brien seconded the motion, which carried unanimously.

E3405.2 - Working Clearances

The chair called Rick Fluegge, Jeremy Long, and Bryan Holland, specialty members, to participate in discussion and vote.

MOTION

Mr. Whaley made a motion to deny. Mr. James seconded the motion, which carried unanimously.

E3902.5 - Basement Receptacles

The chair called Jeremy Long and Bryan Holland, specialty members, to participate in discussion and vote.

MOTION

Mr. O'Brien made a motion to approve. Mr. Chapman seconded the motion, which carried. Mr. Holland opposed.

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E3902.10 - Indoor Damp and Wet Locations

The chair called Jeremy Long and Bryan Holland, specialty members, to participate in discussion and vote.

MOTION

Mr. Whaley made a motion to deny. Mr. Holland seconded the motion, which carried. Mr. Long and Mr. O'Brien opposed.

E3902.17 - Arc-Fault Circuit Interrupter Protection (Continuation)

The chair called Jeremy Long and Bryan Holland, specialty members, to participate in discussion and vote.

MOTION

Mr. Holland made a motion to deny. No second. Mr. Holland withdrew the motion. Mr. Long made a motion to approve. Mr. Chapman seconded the motion, which carried. Mr. Holland opposed.

E3902.17 - Arc-Fault Circuit Interrupter Protection

The submitter withdrew the modification request.

E4002.14 - Tamper-Resistant Receptacles

The chair called Jeremy Long and Bryan Holland, specialty members, to participate in discussion and vote.

MOTION

Mr. O'Brien made a motion to approve. Mr. Chapman seconded the motion, which carried. Mr. Holland, Mr. James and Mr. Whaley opposed.

Chapter 44 - Referenced Standards

The chair called Jeremy Long and Bryan Holland, specialty members, to participate in discussion and vote.

MOTION

Mr. James made a motion to not approve. Mr. Whaley seconded the motion, which carried unanimously.

c. 2020 National Electrical Code

210.8(A) - Dwelling Units

The chair called Jeremy Long and Bryan Holland, specialty members, to participate in discussion and vote.

MOTION

Mr. Holland made a motion to deny. Mr. Whaley seconded the motion, which carried. Mr. Burke and Mr. O'Brien opposed.

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Code Study Committee Meeting
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Tuesday, September 28, 2021

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210.8(A)(5) – Basements

The chair called Jeremy Long and Bryan Holland, specialty members, to participate in discussion and vote.

MOTION

Mr. Holland made a motion to deny. Mr. Whaley seconded the motion. The vote was 5-2 against. Motion did not carry.

Mr. Holland made a motion to approve with modified language. Mr. Chapman seconded the motion, which carried. Mr. Holland and Mr. Whaley opposed.

210.8(F) - Outdoor Outlets

The chair called Jeremy Long and Bryan Holland, specialty members, to participate in discussion and vote.

MOTION

Mr. O'Brien made a motion to approve. Mr. Chapman seconded the motion, which carried. Mr. Holland, Mr. Whaley and Mr. Long opposed.

210.12 - Arc-Fault Circuit-Interpreter Protection

The chair called Jeremy Long and Bryan Holland, specialty members, to participate in discussion and vote.

MOTION

Mr. Holland made a motion to approve with modified language. Mr. O'Brien seconded the motion, which carried. Mr. Holland opposed.

406.4(D)(4) - Arc-Fault Circuit-Interrupter Protection

The chair called Jeremy Long and Bryan Holland, specialty members, to participate in discussion and vote.

MOTION

Mr. Holland made a motion to deny. Mr. Whaley seconded the motion, which carried unanimously.

406.9(C) - Bathtub and Shower Space

The chair called Jeremy Long and Bryan Holland, specialty members, to participate in discussion and vote.

MOTION

Mr. Holland made a motion to deny. Mr. Whaley seconded the motion, which carried. Mr. O'Brien and Mr. Long opposed.

406.12 – Tamper-Resistant Receptacles

The submitter withdrew the modification request.

**South Carolina Building Codes Council
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d. 2021 International Building Code

202 - Definitions-Residential Aircraft Hanger

MOTION

Mr. James made a motion to deny. Mr. Whaley seconded the motion, which carried. Mr. O'Brien and Mr. Chapman opposed.

Table 504.4 - Number of Stories Above Grade Plane

MOTION

Mr. O'Brien made a motion to deny. Mr. Chapman seconded the motion, which carried unanimously.

1810.3.1.5- Helical Piles

MOTION

Mr. James made a motion to deny. Mr. Whaley seconded the motion, which carried unanimously.

e. 2021 International Mechanical Code

1103.1 - Refrigerant Classification Amount and OEL

MOTION

Mr. O'Brien made a motion to approve. Mr. James seconded the motion, which carried unanimously.

1104.3 - System Application Requirements

MOTION

Mr. O'Brien made a motion to defer the request to the full Council at their meeting on October 6, 2021. Mr. James seconded the motion, which carried unanimously.

Chapter 15 - Referenced Standards

MOTION

Mr. O'Brien made a motion to defer the request to the full Council at their meeting on October 6, 2021. Mr. James seconded the motion, which carried unanimously.

f. 2021 International Fire Code

202 General Definitions - R-1 Occupancies

The chair called Rick Fluegge, specialty member, to participate in discussion and vote.

MOTION

Mr. James made a motion to deny. Mr. Chapman seconded the motion, which carried unanimously.

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315.3.3 - Equipment Rooms

The chair called Rick Fluegge, specialty member, to participate in discussion and vote.

MOTION

Mr. Fluegge made a motion to approve with modified language. Mr. Chapman seconded the motion, which carried unanimously.

319.11 - Clearance Requirements

The chair called Rick Fluegge, specialty member, to participate in discussion and vote.

MOTION

Mr. Chapman made a motion to approve. Mr. O'Brien seconded the motion, which carried unanimously.

503.1.2.1 – One- or Two-Family Dwelling, Residential Developments Having Less Than 50 Units

The chair called Rick Fluegge, specialty member, to participate in discussion and vote.

MOTION

Mr. O'Brien made a motion to approve with modified language. Mr. Chapman seconded the motion, which carried.

503.1.2 - Additional Access

The chair called Rick Fluegge, specialty member, to participate in discussion and vote.

MOTION

Mr. O'Brien made a motion approve with modified language. Mr. Chapman seconded the motion, which carried unanimously.

507.5.1.1 - Hydrant for Standpipe Systems

The chair called Rick Fluegge, specialty member, to participate in discussion and vote.

MOTION

Mr. Fluegge made a motion to approve. Mr. O'Brien seconded the motion, which carried unanimously.

507.5.4 - Obstruction

The chair called Rick Fluegge, specialty member, to participate in discussion and vote.

MOTION

Mr. Fluegge made a motion to approve with modified language. Mr. Chapman seconded the motion, which carried unanimously.

507.5.7 - Temporary Water Meters

The chair called Rick Fluegge, specialty member, to participate in discussion and vote.

MOTION

Mr. James made a motion to deny. Mr. O'Brien seconded the motion, which carried unanimously.

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607.1 - General

The chair called Rick Fluegge, specialty member, to participate in discussion and vote.

MOTION

Mr. Fluegge made a motion to approve with modified language. Mr. Douglas seconded the motion, which carried unanimously.

610.1.2 - Maintenance

The chair called Rick Fluegge, specialty member, to participate in discussion and vote.

MOTION

Mr. Chapman made a motion to deny. Mr. James seconded the motion, which carried unanimously.

709.1 - Suspended Acoustical Ceilings

The chair called Rick Fluegge, specialty member, to participate in discussion and vote.

MOTION

Mr. Chapman made a motion to deny. Mr. Whaley seconded the motion, which carried unanimously.

907.6.5 – Access

The chair called Rick Fluegge, specialty member, to participate in discussion and vote.

MOTION

Mr. Fluegge made a motion to approve with modified language. Mr. Chapman seconded the motion, which carried unanimously.

907.6.6.4 - Maintenance of Contact Information

The chair called Rick Fluegge, specialty member, to participate in discussion and vote.

MOTION

Mr. Chapman made a motion to deny. Mr. Whaley seconded the motion, which carried unanimously.

1010.2.14- Controlled Egress Doors in Groups I-1 and I-2

The chair called Rick Fluegge, specialty member, to participate in discussion and vote.

MOTION

Mr. O'Brien made a motion to approve the modification also making the same corrections to the IBC. Mr. Chapman seconded the motion, which carried. Mr. Whaley opposed.

1207.1.4 - Hazard Mitigation Analysis

The chair called Rick Fluegge, specialty member, to participate in discussion and vote.

MOTION

Mr. O'Brien made a motion to defer the request to the full Council at their meeting on October 6, 2021. Mr. Whaley seconded the motion, which carried unanimously.

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1207.5.4 - Fire Detection

The chair called Rick Fluegge, specialty member, to participate in discussion and vote.

MOTION

Mr. Chapman made a motion to defer the request to the full Council at their meeting on October 6, 2021. Mr. Whaley seconded the motion, which carried unanimously.

Table 1207.6 – Electrochemical ESS Technology-Specific Requirements

The chair called Rick Fluegge, specialty member, to participate in discussion and vote.

MOTION

Mr. Chapman made a motion to defer the request to the full Council at their meeting on October 6, 2021. Mr. Whaley seconded the motion, which carried unanimously.

1207.6.1.2.4 – Gas Detection System

The chair called Rick Fluegge, specialty member, to participate in discussion and vote.

MOTION

Mr. Chapman made a motion to defer the request to the full Council at their meeting on October 6, 2021. Mr. Whaley seconded the motion, which carried unanimously.

2303.2 - Emergency Disconnect Switches

The chair called Rick Fluegge, specialty member, to participate in discussion and vote.

MOTION

Mr. Chapman made a motion to approve. Mr. Whaley seconded the motion, which carried unanimously.

2303.2.2 – Testing

The chair called Rick Fluegge, specialty member, to participate in discussion and vote.

MOTION

Mr. O'Brien made a motion to approve with modified language. Mr. Whaley seconded the motion, which carried unanimously.

2304.3- Unattended Self-Service Motor Fuel-Dispensing Facilities

The chair called Rick Fluegge, specialty member, to participate in discussion and vote.

MOTION

Mr. Whaley made a motion to deny. Mr. Chapman seconded the motion, which carried unanimously.

2305.5- Fire Extinguishers

The chair called Rick Fluegge, specialty member, to participate in discussion and vote.

MOTION

Mr. Whaley made a motion to approve. Mr. Chapman seconded the motion, which carried unanimously.

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3103.9- Structural Stability and Anchorage Required

The chair called Rick Fluegge, specialty member, to participate in discussion and vote.

MOTION

Mr. Chapman made a motion to deny. Mr. Whaley seconded the motion, which carried unanimously.

3106.5.4- Protected Cooing Area

The chair called Rick Fluegge, specialty member, to participate in discussion and vote.

MOTION

Mr. Chapman made a motion to deny. Mr. Whaley seconded the motion, which carried unanimously.

6110.1-Temporarily Out of Service

The chair called Rick Fluegge, specialty member, to participate in discussion and vote.

MOTION

Mr. Chapman made a motion to approve. Mr. Whaley seconded the motion, which carried unanimously.

Public Comments: NONE

Adjournment

MOTION

Mr. Whaley made a motion to adjourn. Mr. Chapman seconded the motion, which carried unanimously.

There being nothing further the meeting adjourned at 9:08 pm.