

May 12, 2003

Mr. Barry Gardner
Shelco, Inc.
3120 Highwoods Blvd./Ste 100
Raleigh, NC 27604

RE: Agenda for the June 10, 2003 Building Code Council Meeting

Dear Barry:

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 9:00AM on Monday, June 9, 2003. The work session is open to the public on a non-contributing basis.
2. The Residential and Structural Committees will meet together at 1:00 PM on Monday, June 9, 2003. The committees will review the code requirements for braced walls in garages. Following the joint committee meeting, the Residential Committee will review code changes proposed by the Moisture Ad Hoc Committee.
3. The Building Code Council meeting will begin at 9:00AM on Tuesday, June 10, 2003.

PLEASE NOTE THERE WILL NOT BE A PUBLIC HEARING AT THE JUNE MEETING. ITEMS SCHEDULED FOR THE JUNE PUBLIC HEARING WILL BE HEARD ON SEPTEMBER 9, 2003.

All meetings will be held at the Wake County Commons located at 4011 Cary Drive, Raleigh, NC 27610. Persons requiring auxiliary aid or service should notify the Council at least (10) working days prior to the meeting.

ITEM 1 - APPROVAL OF MINUTES OF THE MARCH 11, 2003, BUILDING CODE COUNCIL MEETING.

ITEM 2 - REQUEST BY THE TOWN OF OAK ISLAND FOR AUTHORITY TO REVIEW PLANS AND SPECIFICATIONS FOR BUILDINGS AS LISTED IN TABLE 502 OF THE NORTH CAROLINA ADMINISTRATION AND ENFORCEMENT CODE.

ITEM 3 - REQUEST BY GUILFORD 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 – EVALUATION OF STATEMENT OF ECONOMIC INTEREST FILED BY LON CULBERTSON.

ITEM 5 – APPEAL BY LINDA LAVIS, AIA, OF DECISION BY MECKLENBURG COUNTY TO REQUIRE THE USE OF METAL CABLE IN THREE STORY WOOD-FRAME APARTMENT BUILDING CONSTRUCTED OVER CONCRETE PARKING GARAGE.

ITEM 6 – REQUEST BY MICHAEL GILLESPIE, DIRECTOR OF TECHNICAL SERVICES, VIEGA, INC. TO APPROVE THE USE OF RIDGID/VIEGA PROGRESS COPPER JOINING SYSTEM.

ITEM 7 – REQUEST BY RICHARD FREDENBURG, LP GAS ENGINEER WITH THE NC DEPARTMENT OF AGRICULTURE, TO ADDRESS THE COUNCIL ABOUT CONFLICTS IN THE CODES AND DEPARTMENT OF AGRICULTURE REGULATIONS

ITEM 8 – REQUEST BY THE NORTH CAROLIA GOVERNOR’S ADVOCACY COUNCIL FOR PERSONS WITH DISABILITIES TO ADDRESS THE COUNCIL ABOUT THE ACCESSIBILITY CODE

PETITIONS FOR RULEMAKING

The Secretary has received the following petitions for rulemaking. The Council will vote 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 are scheduled for September 8, 2003, if needed. The public hearing for petitions granted at June meeting will be held on September 8, 2003.

ITEM 9 – REQUEST BY SPECIAL POPULATIONS COMMITTEE TO REVISE THE NORTH CAROLINA ADMINISTRATION AND ENFORCEMENT REQUIREMENTS CODE TO REQUIRE THE USE OF AUTOMATED DOORS IN NEWLY CONSTRUCTED BUILDINGS OF PUBLIC ACCOMODATION.

ITEM 10 – REQUEST BY TRAVIS CRABTREE TO REVISE SECTION 1003.2.2.5 OF THE NORTH CAROLINA FIRE PREVENTION AND NORTH CAROLINA BUILDING CODE TO READ AS FOLLOWS:

Posting of occupant load. Every room or space that is an assembly occupancy shall have the occupant load of the room or space posted in a conspicuous place, near the main exit or exit access doorway from the room or space. Posted signs shall be of an approved legible permanent design and shall be maintained by the owner or authorized agent. The number of occupants of any building or portion thereof shall not be permitted to exceed the allowed or posted capacity, determined in accordance with the building code.

ITEM 11 – REQUEST BY TRAVIS CRABTREE TO REVISE SECTION 404.2 OF THE FIRE PREVENTION CODE AS FOLLOWS:

Where required. An approved fire safety and evacuation plan shall be prepared and maintained for the following occupancies and buildings.

1. Group A, other than Group A occupancies used exclusively for purposes of religious worship that have an occupant load less than 2,000.
2. Group B buildings having an occupant load of 500 or more persons or more than 100 persons above or below the lowest level of exit discharge.
3. Group E.
4. Group F.
5. Group H.
6. Group I.
7. Group R-1.
8. Group R-2.
9. Group R-4.
10. High-rise buildings.
11. Group M buildings having an occupant load of 500 or more persons or more than 100 persons above or below the lowest level of exit discharge.
12. Covered malls exceeding 50,000 square feet (4645 m²) in aggregate floor area.
13. Underground buildings.
14. Building with an atrium and having an occupancy in Group A, B, E or M.

ITEM 12 – REQUEST BY TRAVIS CRABTREE TO REVISE SECTION 405.2 OF THE NORTH CAROLINA FIRE PREVENTION CODE AS FOLLOWS:

Frequency. Required emergency evacuation drills shall be held annually when fire alarm facilities are provided as required by the North Carolina Building Code or at intervals specified in Table 405.2 or more frequently where necessary to familiarize all occupants with the drill procedure.

ITEM 13 – REQUEST BY TRAVIS CRABTREE TO ADD A NEW SECTION 1011.5 TO THE NORTH CAROLINA FIRE PREVENTION CODE AND THE NORTH CAROLINA BUILDING CODE AS FOLLOWS:

Section 1011.5 Separate means of egress illumination. A separate or emergency source of illumination deemed necessary by the code official shall be required in existing occupancies or occupiable portions of existing occupancies such as, but not limited to, windowless buildings, subterranean buildings, interior corridor arrangements without natural illumination or existing occupancies operating during the hours of darkness.

ITEM 14 – REQUEST BY TRAVIS CRABTREE TO REVISE SECTION 1003.2.10.5 OF THE NORTH CAROLINA FIRE PREVENTION CODE AND THE NORTH CAROLINA BUILDING CODE AS FOLLOWS:

Power Source. Exit signs shall be illuminated at all times. To ensure continued illumination for a duration of not less than 90 minutes in case of primary power loss, the exit signs shall be connected to an emergency electrical system provided from storage batteries, unit equipment or an on-site generator. The installation of the emergency power system shall be in accordance with Section 604.

A functional test shall be conducted on every exit light at 30-day intervals for a minimum of 30 seconds. An annual test shall be conducted for 90 minutes in duration. Equipment shall be fully operational for the duration of the test. Written records of testing shall be kept by the owner and made available to the code official upon request.

ITEM 15 – REQUEST BY TRAVIS CRABTREE TO REVISE SECTION 1003.2.11.2 OF THE NORTH CAROLINA FIRE PREVENTION CODE AND THE NORTH CAROLINA BUILDING CODE AS FOLLOWS:

Illumination emergency power. The power supply for means of egress illumination shall normally be provided by the premise's electrical supply.

In the event of power supply failure, an emergency system shall automatically illuminate all of the following areas:

1. Exit access corridors, passageways, and aisles in rooms and spaces which require two or more means of egress.
2. Exit access corridors and exit stairways located in buildings required to have two or more exits.
3. Interior exit discharge elements, as permitted in Section 1006.1, in buildings required to have two or more exits.
4. The portion of the exterior exit discharge immediately adjacent to exit discharge doorways in buildings required to have two or more exits.

The emergency power system shall provide power system shall provide for a duration of not less than 90 minutes in case of primary power loss and shall consist of storage batteries, unit equipment or an on-site generator. The installation of the emergency power system shall be in accordance with Section 604.

A functional test shall be conducted on every emergency light at 30-day intervals for a minimum of 30 seconds. An annual test shall be conducted for 90 minutes in duration. Equipment shall be fully operational for the duration of the test. Written records of testing shall be kept by the owner and made available to the code official upon request.

ITEM 16 – REQUEST BY JOHN WIGGINS, PE TO REVISE SECTION 705. 3 OF THE NORTH CAROLINA BUILDING CODE AS FOLLOWS:

OPTION 1:

705.3 Materials. Fire walls shall be of any approved noncombustible materials.

EXCEPTION: Buildings of Type V construction.

OPTION 2:

Materials. Fire walls shall be constructed of masonry, concrete, or any approved non-combustible material. ~~The fire resistance of concrete or masonry firewalls shall be calculated in accordance with Section 720 or determined by test in accordance with ASTM E-119. All other firewalls shall be tested in accordance with ASTM E-119. Firewalls rated 3 or more hours tests in accordance with ASTM E-119 shall be conducted using~~ shall use the alternative hose stream test procedure described in Section 11.3 of ASTM E-19.

Exception: Deleted.

ITEM 17 – REQUEST BY REED JARVIS OF THE NC FIRE SERVICE CODE REVISION COMMITTEE TO REVISE SECTION 507.2.2 OF THE NORTH CAROLINA FIRE PREVENTION CODE AS FOLLOWS:

Domestic cooking appliances used for commercial purposes. Domestic cooking appliances utilized for commercial purposes shall be provided with Type I or Type II hoods as required for the type of appliances and processes in accordance with Section 507.2 and 507.2.1.

Exception: A maximum of two (2) residential ranges (4 burner) installed in dwelling units, churches, schools, day care centers, break areas, and similar installations.

ITEM 18 – REQUEST BY AMERICAN FIRE DOOR MANUFACTURER’S ASSOCIATION TO ADD A NEW SECTION 403.9.1 TO THE NORTH CAROLINA BUILDING CODE AS FOLLOWS:

403.9.1 Elevator Lobby. Elevators on all floors shall open into elevator lobbies that are separated from the remainder of the building, including corridors and other means of egress, by construction capable of resisting the passage of smoke. Elevator lobbies shall have at least one means of egress complying with Chapter 10 and other provisions within the code. Elevator lobbies separated from a fire resistance rated corridor shall have walls of not less than one-hour fire resistance rating and openings shall conform to Section 714.

Exceptions:

1. Separations are not required from a street floor elevator lobby.
2. In atria complying with the provisions of Section 404 elevator lobbies are not required.

ITEM 19 – REQUEST BY REED JARVIS, FIRE SERVICE CODE REVISION COMMITTEE, TO DELETE SECTION 907.2.9 AND SUBSTITUTE AS FOLLOWS:

907.2.9 GROUP R-2 AND ADULT AND CHILD DAY CARE IN GROUP R-4

907.2.9.1 GROUP R-2 A fire alarm system shall be installed in Group R-2 occupancies where:

1. Any dwelling unit is located three or more stories above the lowest level of exit discharge;
2. Any dwelling unit is located more than one story below the highest level of exit discharge of exits serving the dwelling unit; or
3. The building contains more than 16 dwelling units

Exceptions:

1. A fire alarm system is not required in buildings not over two stories in height where all dwelling units and contiguous attic and crawl spaces are separated from each other and public or common areas by at least 1-hour fire partitions and each dwelling unit has an exit directly to a public way, exit court or yard.
2. A separate fire alarm system is not required in buildings that are equipped throughout with an approved supervised automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2 and which have a local alarm that meets the notification requirements of Section 907.10.2.

907.2.9.2 Adult and Child Day Care in Group R-4. A manual fire alarm system listed for residential use shall be installed in R-4 occupancies used for adult or child day care.

Exception:

A separate fire alarm system is not required in buildings that are equipped throughout with an approved supervised automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2 and which have a local alarm that meets the notification requirements of Section 907.10.2.

ITEM 20 - COMMITTEE REPORTS

**BUILDING CODE COUNCIL COMMITTEES
RESIDENTIAL**

COMMENTARY COMMITTEES

- 1. PLUMBING CODE COMMENTARY**
- 2. MECHANICAL CODE COMMENTARY**
- 3. RESIDENTIAL CODE COMMENTARY**
- 4. BUILDING CODE COMMENTARY**

ITEM 21- OTHER ITEMS

Sincerely,

Wanda D. Edwards, PE
Secretary