

December 4, 2001

Mr. Barry Gardner  
Shelco, Inc.  
P. O. Box 25747  
Winston-Salem, NC 27114-5747

RE: Agenda for the December 11, 2001 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 to be held at:

9:00 a.m. Tuesday, December 11, 2001  
Ramada Plaza Hotel  
3050 University Parkway  
Winston-Salem, NC 27105  
336/723-2911

The Building Code Council will hold a work session on Monday, December 10, 2001, at 1:00 p.m. This session is open to the public on a non-contributing basis.

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 JUNE 11, 2001 AND OCTOBER 22, 2001 BUILDING CODE COUNCIL MEETINGS.**

**ITEM 2 - APPEAL BY JOSH GURLITZ, GGA ARCHITECTS, CONCERNING DOI INTERPRETATION OF "CONTINUOUS SUPERVISION" NOTED IN THE EXCEPTION TO SECTION 230-72(C) OF THE NORTH CAROLINA ELECTRICAL CODE, THAT ALLOWS RESTRICTED ACCESS TO THE SERVICE DISCONNECT**

**WHEN THE BUILDING IS UNDER CONTINUOUS SUPERVISION BY THE BUILDING MANAGEMENT.**

**COMMITTEE REPORTS**

**ADMINISTRATION COMMITTEE MEETING**

The Administration Committee met on September 21<sup>st</sup>, 28<sup>th</sup> and October 17, 2001, to complete the revisions to the Administration and Enforcement Requirements Code. The Building Code Council met on October 22, 2001 and approved the 2002 Edition of the Administration and Enforcement Requirements Code.

**RESIDENTIAL COMMITTEE MEETING**

The Residential Committee met on September 11, 2001 to begin studying moisture problems in residential construction. The minutes of the Residential Committee meeting are attached.

**STRUCTURAL COMMITTEE**

The Structural Committee met on September 19, 2001 to review proposals by Barrier Engineering to revise Chapter 16 of the Building Code.

**ITEM 3 - PROPOSAL BY BARRIER ENGINEERING TO REVISE SECTION 1610.2 AS FOLLOWS:**

**1601.2 Retaining wall.** As in International Building Code (IBC) 2000 (corollary to current NC State Building Code 1804.6.2).

**Committee recommendation: Deny proposal.** This information is sufficiently covered in the NC amendments.

**ITEM 4 - PROPOSAL BY BARRIER ENGINEERING TO REVISE SECTION 1610.2.1 AS FOLLOWS:**

**1610.2.1** Designs are required for the following structures:

1. Retaining walls not excluded in Section 105.2.4.
2. Earth structures and soil slopes greater than 4 feet in height and steeper than 1.5 horizontal (H) to 1 vertical (V).

**Committee recommendation: Deny proposal.** This information is sufficiently covered in the NC amendments.

**ITEM 5 - PROPOSAL BY BARRIER ENGINEERING TO ADD NEW SECTION 1610.2.2 AS FOLLOWS:**

**1610.2.2** The retaining walls and earth structures shall be designed by a Professional Engineer or Architect qualified in geotechnical analysis, as previously defined in the current NC State Building Code Section 1801.2.

**Committee recommendation: Deny proposal.** This information is sufficiently covered in the NC amendments.

**ITEM 6 - PROPOSAL BY BARRIER ENGINEERING TO ADD NEW SECTION 1610.2.4 AS FOLLOWS:**

**1610.2.3** All retaining walls and earth structures over 4 feet in height shall be inspected according to the provisions of Section 1704 - "Special Inspections" of the IBC 2000. Please see current NC State Building Code Sections 1802.2.1, 1801.2.2 and 1801.2.3.

**Committee recommendation: Deny proposal.** This information is sufficiently covered in the NC amendments.

**MECHANICAL COMMITTEE MEETING**

**ITEM 7 - PROPOSAL BY FREEDOM PLASTIC, INC. TO ADD NEW SECTION TO THE PLUMBING CODE AS FOLLOWS:**

**ASTM F1866.** This standard covers PVC DWV and drainage fittings fabricated through 24 inches. The PVC DWV standard for pipe and fittings D2665 fittings only covers fittings through 12 inches. Few molded D2665 fittings are made above 8 inches. F1866 fills a market need for larger fittings, especially for rainwater piping applications. The F1866 fittings are fabricated for pipe or molded fittings meeting the existing requirements of D 2665 and D1784, both of which are already referenced in the code. The performance requirements for fittings made under F1866 are both stringent and comprehensive.

The Committee proposed to add this section to Table 702.4, as follows:

Polyvinylchloride (PVC) Plastic	ASTM F 1866 (10" Diameter and larger)
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**Committee recommendation: Approve as revised.**

**ELECTRICAL COMMITTEE MEETING**

The Electrical Committee met on September 20, 2001, to review the proposal made by Ms. Diane Miller, and to review approval of a third party accredited lab.

**ITEM 8 - PROPOSAL BY MS. DIANE MILLER TO ADOPT A RULE THAT WOULD INCORPORATE BY REFERENCE ALL SUBSEQUENT EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC).**

**Committee recommendation: Approve.**

**ITEM 9 - REQUEST BY JOHN WIGGINS, PE TO ADOPT A RULE THAT WOULD INCORPORATE BY REFERENCE ALL SUBSEQUENT EDITIONS OF THE INTERNATIONAL FIRE CODE, INTERNATIONAL FUEL GAS CODE, INTERNATIONAL BUILDING CODE, INTERNATIONAL MECHANICAL CODE, INTERNATIONAL PLUMBING CODE, INTERNATIONAL ENERGY**

**CONSERVATION CODE, AND THE INTERNATIONAL RESIDENTIAL CODE. (PLEASE CONSIDER EACH VOLUME SEPARATELY.)**

**ITEM 10 - PROPOSAL BY NTS TO BECOME A THIRD PARTY ACCREDITED TESTING LAB.**

**Committee recommendation: Approve.**

**FIRE PREVENTION COMMITTEE MEETING**

The Fire Prevention Committee met on September 18, 2001 to consider a proposal from Ronnie Hahn.

**ITEM 11 - PROPOSAL BY RONNIE HAHN, ASSOCIATED FIRE PROTECTION TO REVISE SECTION 905.2 AS FOLLOWS:**

Exception No. 1: When buildings are sprinklered in accordance with 903.3.1.1, the pressure requirements for the water supply are that they meet the requirements for the sprinkler system; the supply is not required to meet the higher pressures required for the standpipe systems.

This exception does not apply to high-rise buildings.

The committee revised the language of the proposal as follows:

**Section 905.2 Installation standards.** Standpipe systems shall be installed in accordance with this section and NFPA 14.

Exception: In other than high-rise buildings, where buildings are sprinklered in accordance with 903.3.1.1 the water supply is not required to meet the higher pressures required for a standpipe system.

**Committee recommendation: Approve as revised.**

**ITEM 12 - REQUESTS FROM CABARRUS COUNTY, NEW HANOVER COUNTY, CITY OF KINSTON, CITY OF WINSTON-SALEM AND THE CITY OF GASTONIA TO PERFORM LOCAL PLAN REVIEW.**

**ITEM 13 - REQUEST BY IBHS TO FORM AN AD-HOC COMMITTEE TO STUDY THE ISSUE OF WIND-BORNE DEBRIS PROTECTION IN NORTH CAROLINA.**

**ITEM 14 - EVALUATION OF STATEMENT OF ECONOMIC INTEREST FILED BY AL BASS, BARRY GARDNER, DAN TINGEN, AUBREY SMITH, AND RICHARD STRICKLAND.**

**ITEM 15 - REQUEST BY MODULAR CODE CONSULTANTS FOR APPROVAL AS A  
THIRD PARTY CERTIFYING AGENCY**

**OTHER ITEMS**

**ITEM 16 - REQUEST BY STAFF TO APPOINT AD-HOC COMMITTEE TO DEVELOP  
NORTH CAROLINA BUILDING CODE COMMENTARY.**

Sincerely,

Wanda D. Edwards, PE  
Secretary