

# Mecklenburg County Common Code Defects

## Commercial Code Changes in Volume I 2002

The following is a list of major code changes that take mandatory effect on January 1, 2003. This list has been compiled as an aid to the construction community and is not intended to be comprehensive in nature. Information provided assumes construction within Mecklenburg County.

- 1) 202 Definitions changes
- 2) Table 302.1.1 Incidental Use Areas
- 3) Table 302.3.3 Required Separation of Occupancies
- 4) 303 - 312 Use and Occupancies Changes
- 5) 406 Area and Height increases have changed
- 6) 410.3.5 The NCSBC 2002 makes provisions for activation of different from those in the NCSBC of 1999 i.e. fire test, smoke test and operation test.
- 7) 410.3.3 The NCSBC 2002 address exterior Stage doors
- 8) 416 The NCSBC 2002 contains requirements for application of flammable finishes
- 9) 502 Definitions changes, area building, grade, height of building and grade plane
- 10) 506.3 Automatic Sprinkler system increase
- 11) 507.3 Two story unlimited building for B, F, M, and S
- 12) Table 601 Fire Resistance Rating for building element
- 13) Table 602 Fire Resistance Rating for Exterior Walls
- 14) Table 704.8 Maximum Area of Exterior Wall Openings
- 15) Table 705.4 Fire Wall requirements for Occupancy
- 16) 705.5 Fire Wall Horizontal Continuity ( 3 exceptions)
- 17) 705.6 Fire Wall Vertical Continuity ( 6 exceptions)
- 18) 705.6.1 Stepped Building for Fire Walls
- 19) 706 Fire Barrier for exit enclosures , shafts and horizontal exits
- 20) 707 Shaft Enclosures (11 exceptions)
- 21) 707.5 Continuity with in the shaft enclosure
- 22) 707.14.1 Elevator Lobbies opening in a rated corridor (4 exception)
- 23) 715 Duct and Air Transfer openings
- 24) 715.5.3.1 Penetration of Shaft (Fire and Smoke Dampers)
- 25) 715.6.3 Non fire -resistance rated assemblies (Fire dampers)
- 26) Table 803.4 Interior walls and ceiling finish requirements
- 27) Chap 9 Fire Areas (302.3.3)
- 28) 903.2 Automatic Sprinklers Systems Requirements for Occupancy
- 29) Table 903.2.15 Other Occupancy requiring suppression systems
- 30) 909 Smoke Control system
- 31) Chap 10 Exterior stairway definition
- 32) Chap 10 Guard refer to Guard Rails system
- 33) Chap 10 Stairs (Change in elevation consisting of one step)
- 34) Table 1003.2.3. Egress width per Occupant
- 35) 1003.2.11 Means of egress illumination (Exit Discharge)
- 36) 1003.212.1 Guards and Handrails
- 37) 1003.3.12 Door Swing - Less than 10 people
- 38) 1003.3.3 Treads and Risers

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39)		1003.3.3.2	Solid Risers
40)		1003.3.11.2	Intermediate Handrails
41)		1003.3.3.12	Stairway to roof
42)		1004.2.1	Single Means of egress
43)		1004.2.2.1	Exit Arrangement (1/3 Distance)
44)		1004.3.2.1	Corridor Fire Resistance Rating
45)		1004.3.2.3	Dead End Travel (50 feet sprinkle building)
46)		1004.2.5	Common Path of egress Travel
47)		1005.3.2.4	Stairway floor number signage
48)	Table	1604.5	Classification of Building and other Structures
49)	Table	1607.11.2.4	Fabric Awning and Fabric Canopies
50)		1611.3	Retaining wall system
51)	Figure	1609	Basic Wind Speed ( 3 second Gust)
52)		1615.1.1	Site Class Definitions
53)		1621	Architectural, Mechanical and Electrical (Seismic design requirements)
54)		1704	Special Inspections
55)		1805	Footing and Foundation Design

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***Disclaimer:***      *There may be other ways to comply with the Code. If so, you are not required to use this method to comply with the Code. You may want to investigate other options, or consult with a design professional identifying an equally code compliant solution.*

## End Notes

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