

**CARROLL COUNTY DEPARTMENT OF PERMITS & INSPECTIONS  
NEW CODES**

**EFFECTIVE 5/1/07 – Starting with Permit #07-1027**

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- **2006 Edition International Building Code, as published by the International Code Council, Inc., as amended by the Maryland Building Performance Standards**
  - **2006 Edition NFPA Fire Prevention Code, as amended by the Maryland State Fire Code**
  - **2006 Edition International Mechanical Code**
  - **2006 Edition International Energy Conservation Code**
  - **2006 Edition International Residential One and Two Family Dwelling Code**
  - **2006 Edition NFPA 101 Life Safety Code, as amended by the Maryland State Fire Code**
  - **2006 National Standard Plumbing Code Illustrated**
  - **Maryland Building Rehabilitation Code, published October 2001**
  - **2006 Edition National Fuel Gas Code Z223.1**
  - **2004 NFPA 58 L.P.**
  - **2005 Edition NFPA 70 National Electrical Code**
  - **Maryland Accessibility Code, COMAR 05.02.02**
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**Noteworthy Changes To Residential Code:**

1. **Drain tile installed on the exterior** of foundation and if natural drainage is not possible, water shall be run back into a sump pit to be pumped to the exterior.
2. **Water resistive barrier** required behind vinyl siding.
3. **Windows in dwelling units**, where the opening of an operable window is located more than 72” above the finished grade or surface below, the lowest part of the clear opening of the window shall be a minimum of 24” above the finished floor of the room in which the window is located. Glazing between the floor and 24” shall be fixed or have opening through which a 4” sphere cannot pass.
4. **Graspable handrails** are required on all stairs including deck stairs with 4 or more risers.
5. **Stair risers** shall not permit passage of a 4” sphere. This includes deck and interior stairs with a total rise of more than 30”.
6. **A permanent certificate** shall be posted on the electrical distribution panel. The certificate shall be completed by the builder or registered design professional. The certificate shall list the predominant R-values of insulation installed in the Ceiling/roof, walls, foundation (slab, basement wall, crawl space, wall and or floor) and the ducts outside conditioned spaces, U factors of windows, doors and skylights. The certificate shall list the type and efficiency of heating, cooling and water heating equipment.
7. Again **ALL new residences MUST be sprinklered in accordance with NFPA 13D.**
8. **The maximum step down to a landing at a side hinged door** (to a porch) is a maximum of 7 ¾” measured from the top of the threshold.
9. **New residences must have a secondary grounding source** in addition to the ufer ground.
10. **Above Ground Pools**-Non-metallic, polymer type inflatable pools that hold 42” of water or less-DO NOT require a building permit. Fence complaints will be handled on a case by case basis.
11. **Membrane and pipe with metal roof type carports** DO NOT require a building permit- They still need to meet the Zoning setbacks, please refer these calls to the Zoning office.
12. **IRC Table R404.1(2)** will not be enforced. The current table in the 2003 version is in effect.

**TO ORDER CODES: ALL INTERNATIONAL CODES CALL 1-800-214-4321. ALL NFPA CODES CALL 1-800-344-3555. PLUMBING CODES CALL 1-800-723-4900. THE MARYLAND HANDICAPPED CODE COMAR 05.02.02 IS AVAILABLE FOR FREE AT OUR OFFICE.**

# CARROLL COUNTY DEPARTMENT OF PERMITS & INSPECTIONS

## NEW CODES

EFFECTIVE JANUARY 1, 2005

- 2003 Edition International Residential Code
- 2003 Edition International Energy Code
- 2003 Edition International Building Code
- 2003 Edition NFPA 101 Life Safety Code as Amended by The Maryland Fire Prevention Code
- 2003 Edition NFPA 1 Fire Prevention Code as Amended by The Maryland Fire Prevention Code
- 2003 Edition National Standard Plumbing Code Illustrated w/ 2004 Amendments & as Amended by Local Ordinance Chapter 97
- 2003 International Mechanical Code
- 2002 Edition NFPA 70 National Electric Code
- Maryland Accessibility Code COMAR 05.02.02

### NOTEWORTHY CHANGES TO THE RESIDENTIAL CODE:

1. **Insulation/Energy: Building plans, at the time of application, must clearly indicate which of the following methods is to be used:**
  - . R-38 Ceilings, R-13 Framed Walls, R-11 Foundation Walls, Window "U" Values Shall not exceed 0.40
  - . R-38 Ceilings, R-18 Framed Walls, R-9 Foundation Walls, Window "U" Values shall not exceed 0.45.
  - . RES-Check Computer Software Report.
  - . Energy Star Certification.
  - . Third Party Certification.
2. **Full Radon Systems Now Required. Installation Shall Be In Accordance With Appendix "F" Of The IRC.**
3. **Foundation Water Proofing Now Required.**
4. **All Basements Shall Have Independent Means of Egress. ie; At Minimum An Egress Window Shall Be Installed Or A Door Leading Directly To The Exterior.**
5. **All Sump Pump Pits Shall Be Sealed Type Units.**
6. **Garages Beneath Habitable Rooms Shall Be Separated From All Habitable Rooms Above By Not Less Than 5/8" Type X Gypsum Board. Where The Separation Is A Floor-Ceiling Assembly, the Structure Supporting The Separation Shall Also Be Protected By Not Less Than 1/2" Gypsum Board.**

### QUESTIONS? PLEASE ASK OUR STAFF FOR ASSISTANCE.

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Copies of the codes are available for purchase through the respective Model Code Organizations. The International Residential Code and International Building Code will be available for purchase at the Collections Office (Room #103) in the near future. For additional information please ask our office staff.