

Description:

The purpose of the section is to highlight the current applicable national, state and local buildings codes necessary to provide reasonable protection to the public against hazards to life, health and property at the campus.

All designs shall comply with accepted architectural engineering practices in compliance with the following listed codes, unless specific approval is obtained for variance. When any specific project warrants variance, a written request must be submitted in writing to Design and Construction early in the design stage.

In addition, all designs shall comply with Governor's Executive Order 01.01.1992.11 Building Performance Standards for State Buildings which outlines the following; "All State agencies shall utilize and apply the building performance standards set forth in the State's Model Performance Code (COMAR 05.02.01) and the State Fire Prevention Code (COMAR 12.03.01) promulgated pursuant to Article 38A, § 3 of the annotated Code of Maryland, as amended for all construction, alteration, remodeling, and renovation of all buildings that are owned, leased, operated, or controlled by the State."

Maryland's law related to building codes is titled the Maryland Building Performance Standards (MBPS) via the use of state legislation (COMAR 05.02.07). It requires each jurisdiction in Maryland to use the same edition of the same building codes which are currently the International Building Code (IBC), the International Residential Code (IRC), and the International Energy Conservation Code (IECC).

The department of Design and Construction has adopted the State of Maryland Department of General Services (DGS) procedures manual (<http://dgs.maryland.gov/Documents/ofp/Manual.pdf>) for the application of building codes. DGS directs the use of the Maryland Building Performance Standards (MBPS), as the governing codes for the design of all projects on campus.

Effective Date:

January 1, 2016

Applicable Standards:

- **Maryland Building Performance Standards Regulations (Ref: COMAR 05.02.07)**
<http://mdcodes2.umbc.edu/dhcd/mbps.html>
 - **Maryland High Performance Green Building Program (Ref: § 3-602.1-2014)**
http://dgs.maryland.gov/Documents/green_building/regulations/HIGH%20PERFORMANCE%20GREEN%20BUILDING%20PROGRAM.pdf
- Use as required:
- **Maryland Green Building Council International Green Construction Code (IgCC) Supplement 2014**
http://www.dgs.maryland.gov/Documents/green_building/regulations/MDGBCSupplementalIGCC-Final111914.pdf
 - **United States Green Building Council's (USGBC) Leadership in Energy and Environmental Design (LEED™) Green Building Rating System**
 - **The State Model Performance Code (MPC) For State Buildings (Ref: COMAR 05.02.01) which includes:**
 - **MPC–Industrialized/Modular Buildings**
<http://mdcodes2.umbc.edu/files/2016,%20MPC%20code%20listing,%20modular%20buildings.pdf>
 - **MPC–State Buildings** [List of Applicable Codes to be Utilized for State Buildings - January 1, 2015](#)
 - **Model Performance Code Regulations (COMAR05.02.01)**
<http://mdcodes2.umbc.edu/files/2016,%20MPC%20code%20listing,%20State%20Buildings.pdf>
 - **International Building Code (IBC) 2015** w/the Department of Housing and Community Development (DHCD) modifications (Ref: COMAR 05.02.07)
 - **International Residential Code (IRC) 2015** w/the DHCD modifications (Ref: COMAR 05.02.07)
 - **International Energy Conservation Code (IECC) 2015** (Ref: COMAR 05.02.07)
 - **International Green Conservation Code (IGCC) 2015** (Ref: COMAR 05.02.07)

The modifications to the above referenced codes may include the following codes and standards:

- **2015 IEBC** – Maryland Building Rehabilitation Code (MBRC) incorporating the **International Existing Building Code (IEBC) 2012** (Ref: COMAR 05.16)-Effective April 1, 2013.
- **2012 MAC– Maryland Accessibility Code MAC** (Ref: COMAR 05.02.02) **which includes:**
 - UFAS - Uniform Federal Accessibility Standards
 - ADA - 2010 ADA Standards, except that the elevator exemption set forth at §§206.2.3 of 2010 ADA Standards does not apply.
- **2015 IBC** – Safety glazing requirements set forth in the IBC 2015 and (DLLR) requirements
- **2014 NEC** – National Electrical Code (NEC) 2011 (Ref: COMAR 05.02.07; Public Safety Article Title 12, Subtitle 6, Annotated Code of Maryland)
- **2015 IMC** – International Mechanical Code (IMC) (Ref: COMAR 05.02.07)
- **National Fuel Gas Code (NFGC), ANSI Z223.1, NFPA 54, 2012** edition w/DLLR modifications-effective 2013.
- **Liquefied Petroleum Gas Code (LPGC), NFPA 58, 2011** edition (Ref: COMAR 05.02.07) with DLLR modifications – effective May 13, 2013.
- **2015 IBC** – Elevators and conveying systems requirements set forth in the IBC 2015, and DLLR requirements.
- **State Fire Prevention Code (COMAR 29.06.01) Revised November 1, 2016 edition which includes:**
[eMaryland State Fire Prevention Code](#)
 - NFPA 1 Fire Code
 - NFPA 101 Life Safety Code (**2015 Edition**)
 - NFPA 13 Sprinkler Code (**2013 Edition**)
- **Building Boiler Systems (COMAR 09.12.01)**
- **Maryland Department of the Environment (MDE) (COMAR 09.09.01.01 thru 09.09.01.11 & 26.09.02)**
- **Chesapeake Bay Critical Area (COMAR Title 26.17.04)**
- **Flood Plain Management (COMAR Title 27)**
- **Forest Conservation and Reforestation Requirements (COMAR 08.19.01 thru 08.19.06)**
- **Washington Suburban Sanitary Commission (WSSC)-where applicable**
 - Plumbing and Gas Fitting Regulations
- **The Institute of Electrical and Electronics Engineers, Inc.** – use of current applicable standards
- **American National Standards Institute: "National Electrical Safety Code" - ANSI C-2 and ANSI C-37**
- **Maryland Occupational Safety and Health Standards (MOSH)**
- **Occupational Safety and Health Administration (OSHA) 29 CFR S1910 & S1926**
- **Maryland Department of Transportation, Maryland State Highway Administration:**
Standard Specifications for Construction and Materials
<http://apps.roads.maryland.gov/BusinessWithSHA/bizStdsSpecs/desManualStdPub/publicationonline/ohd/bookstd/index.asp>
- **Manual on Uniform Traffic Control Devices (MUTCD)**

Disclosures: (Specific to this guideline)

The above information contains national, state, and local codes and standards which currently apply to projects construction at the University. The list is included for reference only and should not to be considered fully accurate, current or all inclusive.

All other standards, codes and regulations imposed by the University, which may be initiated subsequent to the program submittal, must also be adhered to. All references utilized are to be the most current editions, approved and/or adopted by the State and local agencies, including all applicable revisions or appendices.