

## 2018 Virginia Residential Code

- New Definition for "Access" and "Ready Access"
- New Definition for "Crawl Space"
- New Definitions Differentiate a Carbon Monoxide Alarm from a Detector
- Definition of Fenestration - Clarification
- Definitions of "Solar Energy System", "Solar Thermal Collector", and "Solar Thermal System"
- New Definitions for "Substantial Damage" and "Substantial Improvement"
- Residential Subgroup Proposal for Accessory & Two-Family Dwelling Units
- New Definition for "Accessory Dwelling Unit"
- Change to Definition of "Dwelling"
- New Definition for "Two-Family Dwelling"
- R311.1 Means of egress
- R302.3 New Exception #3
- R314.7 Fire alarm systems
- R315.5 Carbon Monoxide Alarm Interconnectivity
- M1602.2 Exception to item 7
- Table R301.2(1) New Section for Manual J Added to Design Criteria
- Wind Map Updates – Tables R301.2(2) and R301.2(3); Figures R301.2(5)A, 301.2(5)B, and R301.2(8)
- R301.2.2.1 Seismic Design Category
- Table R302.1(1) Fire Separation
- R302.2.2 Common Walls (separating townhouses)
- R302.2.6 New Exception: Structural independence
- R309.3 Flood hazard areas - Garage floors
- R302.4.2 Membrane Penetrations
- R308.4.2 Glazing Adjacent to Doors
- R308.4.4 Structural glass baluster panels
- R308.4.7 Glazing Adjacent to the Bottom Stair Landing
- R310.3 Area Wells for Emergency Escape and Rescue Doors
- R311.7.1, R311.7.8 Handrail Projection

- R311.7.3 Maximum Stair Rise between Landings
- R311.7.5.3 Stair Nosings
- R311.7.11, R311.7.12 Alternating Tread Devices and Ships Ladders
- R312.1 Guards
- R313.1.1, R313.2, R313.2.1 13 and 13R systems permitted
- R314.6 Smoke Alarm Power Source
- R315 – Carbon Monoxide Alarm Connectivity
- R317.3 Fasteners in Treated Wood
- R324.4 Rooftop-Mounted Photovoltaic Systems
- R324.6 Roof Access for Photovoltaic Solar Energy Systems
- R324.6.2.2 Solar Panels near Emergency Escape and Rescue Openings
- R333, R333.1 Tiny Houses
- R403.1.6 Foundation Anchorage
- Table R403.3(1) Insulation Requirements for Frost-Protected Footings
- Table R403.4 Crushed Stone Footings
- R408.1 Ventilation Moisture Control
- R408.2 Openings for under-floor ventilation (vented crawl space)
- R408.3 Unvented crawl space
- Table R505.3.2 Cold-Formed Steel Joist Spans
- R507 Decks: A Complete Reorganization
- R507.2 Deck Materials
- R507.3 Deck Footings
- R507.4 Deck Posts
- R507.5 Deck Beams
- R507.6 Deck Joists
- R507.7, R507.8, R507.9 Decking, Vertical and Lateral Support
- Table R602.3(6) Alternate Stud Height
- Table R602.7.5 - Lateral Support for Headers
- Table R602.10.3(4) Seismic Adjustment Factors
- R602.10.4.1 Mixing Bracing Methods
- R602.10.6.4 Method CS-PF (Continuously-Sheathed Portal Frame)
- Tables R603.3.1 and R603.3.1.1(2) Cold-Formed Steel Wall Construction
- R609.4.1 Garage door labeling
- R610 Structural Insulated Panels (SIPS)
- R703.2 Water-Resistive Barrier
- R703.3.1 Soffit Installation
- R703.8.4 Veneer Anchorage through Insulation
- Table R703.8.4(1) Airspace Requirements