

City of Portsmouth Design Criteria

Effective Editions of the Building Code: (USBC)	2012 Virginia Uniform Statewide Building Code (May be downloaded free from www.vbcoa.org)
One & Two Family Residential Construction:	2012 Virginia Residential Code (May be purchased from www.iccsafe.org)
All other Construction:	2012 Virginia Construction Code 2012 Virginia Fuel Gas Code 2012 Virginia Mechanical Code 2012 Virginia Plumbing Code 2011 National Electric Code (NFPA 70) Handicapped Accessibility - ICC A117-09 (May be purchased from www.iccsafe.org)
Design Wind Speed:	100 miles per hour
Wind Exposures:	B most, some C
Engineered Truss Top Chord Live Load	20 pounds per square foot
Engineered Truss Top Chord Dead Load	10 pounds per square foot
Ground Snow Load:	10 pounds per square foot
Frost Line:	12 inches below final grade to bottom of the footing
Climate Zone / Heating Degree days:	IRC / IECC – Zone 4 / Heating Degree Days Norfolk - 3421
Winter Design Temperature:	20-32 degrees
Earthquake / Seismic zone:	A
Virginia Architect / Engineer Seals Required:	When required by Code of Virginia Section 54.1-402; for construction within 1500 feet of a large body of open water; for structures over 3 stories in height; for unusual construction.