

Design Criteria

Effective Editions of the Building Code: (USBC)	2006 Virginia Uniform Statewide Building Code (May be downloaded free from www.vbcoa.org)
One & Two Family Residential Construction:	2006 Virginia Residential Code (May be purchased from www.iccsafe.org)
All other Construction:	2006 Virginia Construction Code 2006 Virginia Fuel Gas Code 2006 Virginia Mechanical Code 2006 Virginia Plumbing Code 2005 National Electric Code (NFPA 70) Handicapped Accessibility - CABO/ANSI A117-03 (May be purchased from www.iccsafe.org)
Design Wind Speed:	105 miles per hour
Wind Exposures:	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 – Zone 8 / IECC – Zone 4 / Heating Degree Days Norfolk -3421
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.