

## 2021 Virginia Construction Code

### CHAPTER 16 STRUCTURAL DESIGN

#### SECTION 1602 NOTATIONS

##### 1602.1 Notations.

The following notations are used in this chapter:

$D$	=	Dead load.
$D_i$	=	Weight of ice in accordance with Chapter 10 of <a href="#">ASCE 7</a> .
$E$	=	Combined effect of horizontal and vertical earthquake induced forces as defined in Section <a href="#">12.4</a> of <a href="#">ASCE 7</a> .
$F$	=	Load due to fluids with well-defined pressures and maximum heights.
$F_a$	=	Flood load in accordance with Chapter 5 of <a href="#">ASCE 7</a> .
$H$	=	Load due to lateral earth pressures, ground water pressure or pressure of bulk materials.
$L$	=	<a href="#">Live</a> load.
$L_r$	=	Roof live load.
$R$	=	Rain load.
$S$	=	Snow load.
$T$	=	Cumulative effects of self-straining load forces and effects.
$V_{as}$	=	Allowable stress design wind speed, miles per hour (mph) (km/hr) where applicable.
$V$	=	Basic design wind speeds, miles per hour (mph) (km/hr) determined from <a href="#">Figures 1609.3(1)</a> through <a href="#">1609.3(12)</a> or <a href="#">ASCE 7</a> .
$V_T$	=	<a href="#">Tornado speed, miles per hour (mph) (m/s) determined from Chapter 32 of ASCE 7.</a>
$W$	=	Load due to wind pressure.
$W_i$	=	Wind-on-ice in accordance with <a href="#">Chapter 10</a> of <a href="#">ASCE 7</a> .

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