

**Village of Hastings on Hudson
Building Department
7 Maple Ave. Hastings on Hudson, NY 10706
(914) 478-3400 ext. 613**

CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA (Effective 10/3/2016)													
Location: Village of Hastings on Hudson												Zip Code: 10706	
Ground Snow Load	Wind Design				Seismic Design Category (RCNY Only)	Subject to Damage From			Climate Zone	Ice Barrier Underlayment Reqd	Flood Hazards	Air Freezing Index	Mean Annual Temp
	Speed (mph)	Topo Effects	Special Wind Region	Wind-borne Debrls Zone		Weathering	Frost Line Depth	Termite					
30	*Special Wind Region	NO	Yes	NO	C	Severe	42"	Moderate to Heavy	4A	YES	**FIRM COMMUNITY-PANEL MAP# 36119C0261F EFFECTIVE DATE, 9-28-2007	2000	51.6

* 115 MPH to 120 MPH, The special wind region should serve as a warning to design professionals in evaluating wind loading conditions. Wind speeds higher than the derived values taken from Section 1609 of the IBC and Figure R301.2(4)A of the IRC are likely to occur and should be considered in the design.

** State if applicable. For Flood Hazards the Design Professional shall state if they are applicable, Y/N. Verify with FIRM Maps. Maps are available on the FIMA web site <http://www.floodmap.floodsimple.com/>

INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT										
CLIMATE ZONE	FENESTRATION U-FACTOR	SKYLIGHT U-FACTOR	GLAZED FENESTRATION SHGC	CEILING R-VALUE	WOOD FRAME WALL R-VALUE	MASS WALL R-VALUE	FLOOR R-VALUE	BASEMENT WALL R-VALUE	SLAB R-VALUE & DEPTH	CRAWL SPACE WALL R-VALUE
TABLE R402.1.2 INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT										
4A	0.35	0.55	0.4	49	20 or 13+5	8/13	19	10/13	10, 2 FT	10/13
TABLE R402.1.4 EQUIVALENT U-FACTORS										
4A	0.35	0.55		0.026	0.06	0.098	0.047	0.047	0.059	0.065