

# DESIGN CRITERIA FOR STRUCTURES

As adopted for the City of Westminster Effective 2018

**Snow Load** = 30 P.S.F. for both ground and roof loads

**Frost Depth** = 36 inches

**IRC Seismic Design Category** = B. IBC seismic design category is to be calculated per chapter 16 of the IBC.

## IRC Wind Speed:

- The minimum Ultimate design wind speed,  $V_{ult}$ , in miles per hour per the zones shown on the map below:

- **Zone 1** – 131 mph
- **Zone 2** – 142 mph
- **Zone 3** – 155 mph

## IBC Wind Speed:

2015 IBC WIND SPEED DESIGN CRITERIA - $V_{ult}$			
CITY MAP WIND ZONES	1	2	3
RISK CATEGORY 1 (MRI)	120	125	135
RISK CATEGORY II (MRI 700 yrs)	130	140	150
RISK CATEGORY III (MRI 1700 yrs)	140	150	160

The wind exposure is designated as Exposure B unless specified as Exposure C by the Building Official.

