

# INDIAN WELLS

CALIFORNIA

CITY OF INDIAN WELLS

## CONSTRUCTION DESIGN CRITERIA

Construction submittals shall be designed in accordance with the current version of the Title 24 California Code of Regulations and the City of Indian Wells Municipal Code as amended and adopted.

### WIND

The City of Indian Wells is located within a special wind region. The design parameters for wind loads are different depending upon which code the structure is being designed under (Building Code or Residential Code) and the Risk Category of the building or structure.

The design parameters for wind loads in Indian Wells are as follows:

If designing under the California **Building Code**:

The basic wind speed, V, shall be:

RISK CATEGORY	BASIC DESIGN WIND SPEED, V
I	103 mph
II	109 mph
III	114 mph
IV	117 mph

If designing under the California **Residential Code**:

The ultimate design wind speed,  $V_{ult}$ , is 123 miles per hour.

**Parcels identified on the Applied Technical Council (ATC) website shall be permitted to utilize wind speeds given for structural design.**

**Exposure C**, as a minimum, shall apply in all cases unless the architect or engineer in general responsible charge can justify to the building department that the building site and surrounding terrain conform to the criteria for Exposure B.

### SEISMIC

The Seismic Design Category (SDC) is "D" when using the 2019 California Building Code and "D2" when using the 2019 California Residential Code.

### CLIMATE

Climate Zone 15 per the 2019 California Energy Code.  
Design Rainfall is 3".