

## Seismic/Wind Load Questionnaire

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### 1) Project Data

a) What is the project name?

b) What is the project location?

City State Zip

c) What is the applicable building code for this project? (This information may be found in the Structural or Mechanical portion of the project specifications or bid documents.)

International Building Code (IBC)

- 2000
- 2003
- 2006
- 2009

Uniform Building Code (UBC)

- 1994
- 1997

Building Officials and Code Administrators (BOCA)

- 1999
- 1996

California Building Code (CBC)

- 1997
- 2001
- 2007

Other:

- Unknown

d) Are there any wind or seismic design criteria in the project specifications that exceed the applicable code requirements?  Yes  No

i) If so, what are they? \_\_\_\_\_

e) Has there been any soil analysis conducted for this project site?  Yes  No

i) If so, what is the site class? \_\_\_\_\_

(If no soil analysis is available, default site class is "D")

f) Describe the building usage by choosing one of the four categories below:

- i) A building that does not fit into categories ii, iii or iv below.
- ii) Does the building represent a **substantial hazard** to human life in the event of failure including, but not limited to:

Buildings and other structures where more than 300 people congregate in one area.

Buildings and other structures with elementary school, secondary school or day-care facilities with capacity greater than 250.

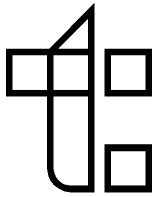
Buildings and other structures with a capacity greater than 500 for colleges or adult education facilities.

Health care facilities with a capacity of 50 or more resident patients but not having surgery or emergency treatment facilities.

Any other occupancy with an occupant load greater than 5,000.

Power-generating stations, water treatment for potable water, waste water treatment facilities and other public utility facilities not included in category iii.

Buildings and other structures not included in category iii containing sufficient quantities of toxic or explosive substances to be dangerous to the public if released.



- iii) Is the building designated as an **essential facility** including, but not limited to:
  - Hospitals and other health care facilities having surgery or emergency treatment facilities.
  - Fire, rescue and police stations and emergency vehicle garages.
  - Designated earthquake, hurricane or other emergency shelters.
  - Designated emergency preparedness, communication, and operation centers and other facilities required for emergency response.
  - Power-generating stations and other public utility facilities required as emergency back-up facilities for Category III structures.
  - Structures containing highly toxic materials.
  - Aviation control towers, air traffic control centers and emergency aircraft hangars.
  - Buildings and other structures having critical national defense functions.
  - Water treatment facilities required to maintain water pressure for fire suppression.
- iv) Does the buildings represent a **low hazard** to human life in the event of failure including, but not limited to:
  - Agricultural facilities
  - Certain temporary facilities
  - Minor storage facilities

**2) Wind Load Data**

- a) What is the building height? \_\_\_\_\_
- b) Describe the surrounding terrain characteristics by choosing one of the categories below:
  - i) Urban or suburban areas, wooded areas, or other numerous closely spaced obstructions.
  - ii) Open terrain with scattered obstructions generally less than 30 feet in height, including open country, grasslands and all water surfaces in hurricane prone regions.
  - iii) Flat, unobstructed areas and water surfaces outside of hurricane prone regions.
  - iv) Building is located on the upper half of a hill or ridge, or on top of a cliff and terrain surrounding the building is flat compared to the height of the hill, ridge or cliff .

**3) Rooftop Equipment Data**

- a) Equipment manufacturer.  
\_\_\_\_\_
- b) Equipment model number.  
\_\_\_\_\_
- c) Equipment weight and dimensions.
  - \_\_\_\_\_ i) Height (in)
  - \_\_\_\_\_ ii) Length (in)
  - \_\_\_\_\_ iii) Width (in)
  - \_\_\_\_\_ iv) Center of gravity lengthwise (in)
  - \_\_\_\_\_ v) Center of gravity widthwise (in)
  - \_\_\_\_\_ vi) Weight (lb)

**4) Contact Information**

- a) Person completing this document
  - \_\_\_\_\_
  - Name
  - \_\_\_\_\_
  - Company
  - \_\_\_\_\_
  - Date

**5) Roof Curb Style**

- TC-3                       TC-5
- VibroCurbIII            RetroMate
- Other \_\_\_\_\_