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 Member of  
**VISC** 

**Seismic/Wind Load Questionnaire**

**Project Name:** \_\_\_\_\_

**Project Address:** \_\_\_\_\_  
 Street Address City State Zip Code

**Building Height (ft):** \_\_\_\_\_

**If Unit Indoors Installed Height (ft):** \_\_\_\_\_

**Contact Information** Person completing this document

Name \_\_\_\_\_

Company \_\_\_\_\_

Date \_\_\_\_\_

**Please attach unit documentation that includes (for all units needing calculations performed on):**

- Unit Manufacturers Unit Drawing
- Unit Length, Width and Height
- Center of Gravity Length and Width
- Unit Weight
- Unit Manufacturers Curb Drawing
- Thybar Product needing calculations on

**STOP!**

**If you have the first 2 pages of the structural specifications (Seismic and Wind load Criteria) for this job please send it along with this page to Thybar. If you do not have any pages of the structural specifications please proceed to the next question.**

**Building Code:** \_\_\_\_\_

Are there any wind or seismic design criteria in the project specifications that exceed the applicable code requirements?

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

**Ground Snow Load (lb/ft<sup>2</sup>):** \_\_\_\_\_

Page 2 explains Site Soil Classification, Occupancy Category/Risk and Exposure Category

Has there been any soil analysis conducted for this project site? (If no soil analysis is available, default site class is "D")

**Site Soil Classification:** \_\_\_\_\_

**Occupancy Category/Risk:** \_\_\_\_\_

**Exposure Category:** \_\_\_\_\_

**Design Wind Speed (MPH):** \_\_\_\_\_

**Questionnaire Disclaimer:**

Thybar is assuming the information provided on this questionnaire is accurate. Any incorrect information may result in calculations and product design that is insufficient and not accepted by the permitting authorities. In turn, this may cause delays in the schedule and additional costs. It is recommended that our calculations be reviewed by the appropriate jurisdiction prior to installing our product. An additional fee will be charged if the calculations need to be revised by the Thybar Professional Engineering Department due to inaccurate information that may have been provided.

## Site Soil Classification

- Site Class A - Hard Rock
- Site Class B - Rock
- Site Class C - Very Dense Soil and Soft Rock
- Site Class D - Stiff Soil (Default)
- Site Class E - Soft Clay Soil
- Site Class F - Site Response Analysis

## Occupancy/Risk Category

- II A building that does not fit into categories I, III or IV below.
- III 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.
- IV 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.
- I 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

## Exposure Category

- B Urban or suburban areas, wooded areas, or other numerous closely spaced obstructions.
- C Open terrain with scattered obstructions generally less than 30 feet in height, including open country, grasslands and all water surfaces in hurricane prone regions.
- D Flat, unobstructed areas and water surfaces outside of hurricane prone regions.
- E 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.