



Building Structures--Base-Isolated Structures

Event/Date: _____ Investigator: _____

Short description of observation: _____ Date of observation: _____

I. Location (please be as detailed as possible)

Number	Address Street (indicate street, road, avenue, lane, etc.)	Additional Address (room, suite, floor, etc.)	City	State	Zip	Country

Alternative description or name: _____

Map Reference

Latitude	Longitude	Direction	Thomas Bros. Page No.
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II. Building Behavior

How many isolators are there in the building?

Value: _____

What type of isolators are used?

- Unknown
- Elastomeric bearings
- Lead rubber bearings
- Friction pendulum
- Sliding plate
- Other _____

What size are the isolators in the largest horizontal direction?

Value: _____

Are back-stop (fail-safe) devices used to limit horizontal displacement?

- Unknown
- Yes
- No

Did the back-stops engage in the horizontal direction?

- Unknown
- Yes
- No

Are back-stop (fail-safe) devices used to limit vertical displacement?

- Unknown
- Yes
- No

Did the back-stops engage in the vertical direction?

- Unknown
- Yes
- No

What was the maximum amount of movement in the longitudinal direction?

Value: _____

What was the maximum amount of movement in the transverse direction?

Value: _____

Are there any residual offsets?

- Unknown
- Yes
- No

Does the movement in the isolators vary throughout the building?

- Unknown
- Yes (possible torsional effects)
- No (translation only)

Is there any evidence of pre-existing deterioration of the isolators?

- Unknown
- Yes
- No

Is there any damage to the utility lines (power, telephone, water, waste water, etc.) or architectural elements that cross the isolator interface?

- Unknown
- Yes
- No



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II. Building Behavior (cont.)

Did any of these utility line or architectural items affect performance through accidental restraint?

- Unknown
- Yes
- No

Did the seismic clearance gap around the building perform as designed?

- Unknown
- Yes
- No

Is there damage to the seismic clearance gap?

- Unknown
- Yes
- No

Did any debris or obstruction affect the performance of the seismic clearance gap?

- Unknown
- Yes
- No

Sketches/Comments: