Building Structures--General

Event/Date: ___________________________________________ Investigator: ___________________________

Short description of observation: __________________________ Date of observation: __________________________

I. Location (please be as detailed as possible)

<table>
<thead>
<tr>
<th>Number</th>
<th>Street (indicate street, road, avenue, lane, etc.)</th>
<th>Additional Address (room, suite, floor, etc.)</th>
<th>City</th>
<th>State</th>
<th>Zip</th>
<th>Country</th>
</tr>
</thead>
</table>

Alternative description or name:____________________________________

Map Reference

<table>
<thead>
<tr>
<th>Latitude</th>
<th>Longitude</th>
<th>Direction</th>
<th>Thomas Bros. Page No.</th>
</tr>
</thead>
</table>

II. General Building Information

What is the overall damage rating of the structure?

☐ None
☐ Slight
☐ Moderate
☐ Severe
☐ Total
☐ Collapse

What is the building type? (adapted from FEMA 310)

☐ Wood light frame
☐ Wood frame, commercial & industrial
☐ Steel moment frame
☐ Steel-braced frame
☐ Steel light frame
☐ Steel light frame with infill masonry shear walls
☐ Concrete moment frame
☐ Concrete shear walls
☐ Concrete frame with infill masonry shear walls
☐ Precast/tilt-up concrete shear walls
☐ Precast concrete frame
☐ Reinforced masonry bearing walls
☐ Unreinforced masonry bearing walls
☐ Other ___________________________

What is the building occupancy use?

☐ Residential
☐ Commercial
☐ Industrial
☐ Educational
☐ Governmental
☐ Vacant
☐ Unknown
☐ Other ___________________________

How many stories does the building have above grade?

☐ 1-3
☐ 4-7
☐ 8-14
☐ 15-30
☐ 31-40
☐ 41-50
☐ 51+

How many basement stories does the building have below grade?

☐ 0
☐ 1
☐ 2
☐ 3 - 5
☐ 5 +

What is the area of the building?

☐ Small (<3,000 ft² and 280 m²)
☐ Medium (3,000–10,000 ft² and 280–930 m²)
☐ Large (>10,000 ft² and 930 m²)

Is the building site sloped?

☐ Yes
☐ No
II. General Building Information (cont.)

What type of system makes up the floor diaphragms?
- [ ] Wood sheathed
- [ ] Metal decking
- [ ] Metal decking with concrete fill
- [ ] Precast concrete panels with no topping
- [ ] Precast concrete panels with topping slab
- [ ] Cast-in-place concrete slab
- [ ] Other _______________________________

What type of system makes up the roof diaphragm?
- [ ] Wood sheathed
- [ ] Metal decking
- [ ] Metal decking with concrete fill
- [ ] Precast concrete panels with no topping
- [ ] Precast concrete panels with topping slab
- [ ] Cast-in-place concrete slab
- [ ] Other _______________________________

What is the construction quality?
- [ ] Unknown
- [ ] Good
- [ ] Fair
- [ ] Poor

What is the building configuration?
- [ ] Vertically Regular
- [ ] Vertically Irregular
- [ ] Horizontally Regular
- [ ] Horizontally Irregular
- [ ] Soft Story
- [ ] Short Column
- [ ] Unknown
- [ ] Other _______________________________

Is the building configuration?
- [ ] Vertically Regular
- [ ] Vertically Irregular
- [ ] Horizontally Regular
- [ ] Horizontally Irregular
- [ ] Soft Story
- [ ] Short Column
- [ ] Unknown
- [ ] Other _______________________________

Is there a complete load path to transfer lateral loads to the foundation?
- [ ] Unknown
- [ ] Yes
- [ ] No

What is the interstory drift ratio (%)?
Value: _____________________________

What type of foundation is present?
- [ ] Reinforced concrete mat slab
- [ ] Reinforced concrete spread or continuous footing
- [ ] Concrete slab-on-grade
- [ ] Masonry foundation
- [ ] Stone foundation
- [ ] Pile foundation
- [ ] Caisson foundation
- [ ] Other _______________________________

Is there evidence of a previous retrofit/rehabilitation?
- [ ] Unknown
- [ ] Yes
- [ ] No

Does the building utilize dampers or similar energy dissipation devices?
- [ ] Yes
- [ ] No
- [ ] Unknown

Is there evidence of pre-existing deterioration or maintenance issues that might affect building performance?
- [ ] Unknown
- [ ] Yes
- [ ] No

Is there evidence that the behavior of adjacent buildings affected the behavior of the structure?
- [ ] Unknown
- [ ] Yes
- [ ] No

Sketches/Comments: