### Building Structures--Roof/Floor Diaphragm Questions

**Event/Date:**

**Short description of observation:**

**Investigator:**

**Date of observation:**

### I. Location

(please be as detailed as possible)

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

**What type is the diaphragm?**

- Wood sheathed
- Metal decking
- Metal decking with concrete fill
- Precast concrete panels without topping slab
- Precast concrete panels with topping slab
- Cast-in-place concrete flat slab
- Cast-in-place concrete flat slab with drop panels
- Cast-in-place concrete waffle slab
- Cast-in-place concrete one-way slab
- Cast-in-place concrete two-way slab
- Post-tensioned concrete slab
- Pre-tensioned concrete slab
- Other _______________________________

**Was the diaphragm capable of transferring forces to lateral load resisting elements?**

- Unknown
- Yes
- No

**Did the diaphragm provide lateral support to any load bearing external walls?**

- Unknown
- N/A
- Yes
- No

**How well did the diaphragm to wall connections perform?**

- Unknown
- N/A
- Poor
- Fair
- Good

**Did diaphragm deformations contribute to building damage?**

- Unknown
- Yes
- No

**How well did the building perform at diaphragm discontinuities?**

- Unknown
- N/A
- Poor
- Fair
- Good

**How well did the chord elements perform?**

- Unknown
- N/A
- Poor
- Fair
- Good
### Building Structures--Roof/Floor Diaphragm Questions

#### II. Building Behavior (cont.)

**How well did the drag struts perform?**
- Unknown
- N/A
- Poor
- Fair
- Good

**At points of concentrated loading, rate the performance of the diaphragm webs.**
- Unknown
- N/A
- Poor
- Fair
- Good

**How well did the continuity ties perform?**
- Unknown
- N/A
- Poor
- Fair
- Good

**Is there any evidence of pre-existing deterioration?**
- Unknown
- Yes
- No

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**Sketches/Comments:**