**Building Structures--Precast Concrete Buildings**

Event/Date: __________________________________________  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**

Rate the performance of the connections between elements:

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

Rate the performance of the connections between elements and frames:

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

Rate the performance of the connections between elements and foundations:

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

Did poor joint detailing lead to joint failure?

- [ ] Unknown
- [ ] Yes
- [ ] No

Did significant cracking occur due to vertical motions?

- [ ] Unknown
- [ ] Yes
- [ ] No

Did significant cracking occur due to reversals?

- [ ] Unknown
- [ ] Yes
- [ ] No

Rate the quality of the construction material as indicated by movements at construction joints, rock pockets, lack of bond and lack of adequate reinforcing cover:

- [ ] Unknown
- [ ] Poor
- [ ] Fair
- [ ] Good

Did the construction deviate from the design in the placement of reinforcement as per the plans?

- [ ] Unknown
- [ ] Yes
- [ ] No

What patterns exist in the shear wall damage?

- [ ] None
- [ ] X-shaped shear cracking in walls
- [ ] X-shaped shear cracking in piers between openings
- [ ] Cracking in spandrel beams
- [ ] Overturning tension cracks
- [ ] Crushing in compression zones
- [ ] Other ___________________________
II. Building Behavior (cont.)

Did the edge members adequately resist tension and compression?  
☐ Unknown  ○ Yes  ○ No

Did the diaphragm chords develop adequately?  
☐ Unknown  ○ Yes  ○ No

Sketches/Comments: