**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 is the type of masonry structure?**
- [ ] Unknown
- [ ] Brick masonry
- [ ] Concrete masonry units
- [ ] Stone masonry
- [ ] Other __________________________

**How many wythes are there in the lower floors?**

Value: __________________________

**How many wythes are there in the upper floors?**

Value: __________________________

**How are the wythes joined together?**
- [ ] Unknown
- [ ] N/A
- [ ] Not joined
- [ ] Interlocking blocks
- [ ] Steel ties
- [ ] Separated by a filled cavity with no ties
- [ ] Exterior metal anchors
- [ ] Other __________________________

**Are there omissions in the placement of the reinforcement?**
- [ ] Unknown
- [ ] No reinforcement
- [ ] No horizontal reinforcement
- [ ] No vertical reinforcement
- [ ] Reinforcement not tied
- [ ] Inadequate corner reinforcing details
- [ ] Inadequate reinforcing details for intersecting walls
- [ ] Other __________________________

**Rate the quality of the workmanship in the application of the grout/mortar.**
- [ ] Unknown
- [ ] Poor
- [ ] Fair
- [ ] Good

**What is the quality of the block/brick?**
- [ ] Unknown
- [ ] Poor
- [ ] Fair
- [ ] Good

**What is the quality of the mortar?**
- [ ] Unknown
- [ ] Poor
- [ ] Fair
- [ ] Good

**Is this a corner building?**
- [ ] Yes
- [ ] No

**Is this a building within the interior of a block?**
- [ ] Yes
- [ ] No

**Are the shear walls load-bearing?**
- [ ] Unknown
- [ ] Yes
- [ ] No
## Building Structures--Masonry Buildings

### II. Building Behavior (cont.)

<table>
<thead>
<tr>
<th>Question</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Are there adequate boundary elements in the shear walls?</td>
<td>Unknown, Yes, No</td>
</tr>
<tr>
<td>What structural damage is present?</td>
<td>No damage, Fallen elements, Chimney collapse, Veneer delamination, Parapet failure, Individual blocks fallen, Wythes separated, Corner cracking (roof), Corner cracking (floors), Out-of-plane wall failure, Diaphragm failure, Separation of wall and floor, Separation of wall and roof, Horizontal cracks at anchorline, Horizontal cracks at top of wall, Horizontal cracks at bottom of wall, Cracks at corners of openings, Spandrel cracks, Pier cracks, ‘X’ shear cracks, Other.</td>
</tr>
<tr>
<td>Through which medium do most cracks generate?</td>
<td>No cracks, Mortar, Masonry units, Joints, Other.</td>
</tr>
<tr>
<td>Is there evidence of permanent drift?</td>
<td>Unknown, Yes, No</td>
</tr>
<tr>
<td>Is there any damage from the debris of adjacent buildings?</td>
<td>Unknown, Yes, No</td>
</tr>
<tr>
<td>What type of retrofit system was applied before the earthquake?</td>
<td>No retrofit, Parapet braced, Veneer ties, Roof to wall anchors, Floor to wall anchors, Wall out-of-plane bracing, Repointing of mortar, Diagonal braces, Moment frames, Diaphragm strengthening, Isolation, Secondary columns at trusses and/or beams, Bond beams at tops of walls, Other.</td>
</tr>
<tr>
<td>What is the average crack width?</td>
<td>None, Hairline, &lt; 0.8 mm (1/32 in), ~1.6 mm (1/16 in), ~3.2 mm (1/8 in), ~6.4 mm (1/4 in), &gt; 12.7 mm (1/2 in)</td>
</tr>
<tr>
<td>Is there evidence of damage in any retrofit element?</td>
<td>Unknown, Yes, No</td>
</tr>
</tbody>
</table>

### Sketches/Comments: