**Building Structures--Steel Braced Frame Buildings**

**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</th>
<th>Additional Address</th>
<th>City</th>
<th>State</th>
<th>Zip</th>
<th>Country</th>
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</tbody>
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Alternative description or name: ______________________________________

Map Reference

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

### II. Building Behavior

**How did the brace frames perform?**

- Unknown
- Poor
- Fair
- Good

**What is the braced configuration?**

- Single diagonal
- X-brace
- Chevron
- K-brace
- Eccentric
- Buckling restrained
- Other ______________________

**What is the brace slenderness ratio?**

Value: ______________________

**Are there signs of distress at the connections?**

- Yes
- No

**Where did failure occur?**

- No failure
- Welds
- Bolts
- Brace
- Column
- Other ______________________

**What is the primary failure mode?**

- No failure
- Yielding of brace
- Buckling of brace
- Failure of connections
- Other ______________________

**Sketches/Comments:**