



# Building Structures--Steel Braced Frame Buildings

Event/Date: \_\_\_\_\_ Investigator: \_\_\_\_\_

Short description of observation: \_\_\_\_\_ Date of observation: \_\_\_\_\_

## I. Location (please be as detailed as possible)

Number	Address Street (indicate street, road, avenue, lane, etc.)	Additional Address (room, suite, floor, etc.)	City	State	Zip	Country

Alternative description or name: \_\_\_\_\_

### Map Reference

Latitude	Longitude	Direction	Thomas Bros. Page No.
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## 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: \_\_\_\_\_

Is the connection detailing as per current code?

- Unknown
- Yes
- No

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: