



Building Structures--Precast Concrete Buildings

Event/Date: _____ Investigator: _____

Short description of observation: _____ Date of observation: _____

I. Location (please be as detailed as possible)

Number	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

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

Was damage caused by lack of a topping slab?

- Unknown
- Yes
- No

Does the building have adequate ties?

- 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 _____



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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: