## II. Building Behavior

**How many shear walls are there in the building?**

Value: 

**How are the shear walls placed:**

- [ ] Unknown
- [ ] Symmetrically
- [ ] Unsymmetrically
- [ ] Other ________________

**Were there failures in any of the following categories?**

- [ ] No failures
- [ ] Bolting
- [ ] Connection eccentricities
- [ ] Edge distances
- [ ] Bearing area
- [ ] Split or checked material
- [ ] Other ________________

**Which types of pre-existing deterioration were present in the building?**

- [ ] None
- [ ] Dry Rot
- [ ] Pest infestation
- [ ] Rusted connections
- [ ] Other ________________

**Did this deterioration affect building performance?**

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

**Did the design drawing details match the as-built construction?**

Pay close attention to failed details.

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

**What types of connections are present?**

- [ ] Unknown
- [ ] Engineered metal connectors
- [ ] Nailed
- [ ] Bolted
- [ ] Wood joinery
- [ ] Other ________________

**How did the shear walls perform?**

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

**What type of sheathing was used?**

- [ ] Unknown
- [ ] Plywood
- [ ] OSB
- [ ] Gypsum wall board
- [ ] Straight or diagonal boards
- [ ] Other ________________

**How was the sheathing connected at joints?**

- [ ] Unknown
- [ ] Blocking
- [ ] Metal straps
- [ ] Other ________________
## II. Building Behavior (cont.)

### What type of sheathing fasteners are used?
- [ ] Nails
- [ ] Screws
- [ ] Other __________________________

### What is the condition of the sheathing fasteners?
- [ ] Good
- [ ] Rusted
- [ ] Pulling out of wood
- [ ] Other __________________________

### Did buckling, splitting or delamination of sheathing occur?
- [ ] Unknown
- [ ] Yes
- [ ] No

### Were the ties, struts, chords or other members transferring concentrated loads among elements of the structure adequate?
- [ ] Unknown
- [ ] Yes
- [ ] Partially
- [ ] No

### How was the structure connected to the foundation?
- [ ] Cast-in-place anchor bolts through the sill plate
- [ ] Epoxy anchor bolts through the sill plate
- [ ] Metal straps
- [ ] Other __________________________

### Did the building move off its foundation or exhibit permanent story drift?
- [ ] Unknown
- [ ] Yes
- [ ] No

### What type is the roof?
- [ ] Hipped roof
- [ ] Gabled roof
- [ ] Mansard roof
- [ ] Flat roof
- [ ] Other __________________________

### What is the type of roof covering?
- [ ] Ceramic tile
- [ ] Tar and gravel
- [ ] Asphalt shingles
- [ ] Wood shingles
- [ ] Other __________________________

### Is there roof damage?
- [ ] Unknown
- [ ] Yes
- [ ] No
- [ ] Chimney damage
- [ ] Other __________________________

### What material is the chimney?
- [ ] Masonry
- [ ] Metal
- [ ] Concrete
- [ ] Other __________________________

### How did the chimneys perform?
- [ ] Unknown
- [ ] N/A
- [ ] Collapse
- [ ] Poor
- [ ] Fair
- [ ] Good

### Sketches/Comments: