House Number: _____

General Earthquake Damage Inspection Checklist

Where description is indicated, attach additional pages of notes and photographs keyed to appropriate checklist item.

A. GENERAL INFORMATION

1. **Street Address of Property:** _____

   City: _____ **State:** _____ **Zip:** _____

2. **Property Owner's Name:** _____

3. **Date of inspection:** _____

4. **Inspector's Name:** _____

B. BUILDING SITE INSPECTION

5. **Utility Service Safety:**

IMPORTANT–Immediately following an earthquake, check the entire property, especially near appliances, for the smell of gas. If gas odor is detected, turn off the gas at the meter where it enters the house. Locate and repair leaks before turning gas back on. If the gas odor persists after the gas has been shut off, vacate the building and contact the gas utility company immediately.

IMPORTANT–Before entering a damaged, vacant building verify that gas is off. Check the gas meter for damage and position of main gas valve, either a manual valve or a seismically-activated gas shut-off valve. Do not enter the building if gas odor is detected.

a. Odor of natural gas leakage? ☐ YES ☐ NO b. Downed powerlines? ☐ YES ☐ NO

6. **Surrounding topography: (✓ check one)**

- ☐ Flat
- ☐ Gently sloping (easily walkable)
- ☐ Steeply sloping (difficult or impossible to walk in some areas)

7. **Building pad: (✓ check one)**

- ☐ Flat
- ☐ Terraced or multilevel
- ☐ Gently sloping (less than 4 foot ground surface elevation difference across house)
- ☐ Steeply sloping (greater than 4 foot ground surface elevation difference across house)

8. **Geotechnical Issues: (if yes, provide description and photos)**	YES	NO
a. New cracks in the ground?	☐	☐
b. Signs of fresh cracking in or movement of hardscape?	☐	☐
c. Signs of fresh cracking in or movement of retaining walls?	☐	☐
d. Patterns of cracking that extend through the ground surface, hardscape, and improvements?	☐	☐
e. Evidence of sand boils or other fresh-appearing deposits of sand or mud?	☐	☐
f. Unusual slumping, rising, or bulging of the ground surface?	☐	☐
g. Evidence of rock falls or slope instability above site?	☐	☐
h. Ground movement or wet areas indicating possible broken underground utility lines?	☐	☐
i. Other phenomena (e.g., septic tanks surfacing, differential settlement, ground consolidation)?	☐	☐

continue on next page

General Earthquake Damage Inspection Checklist

Where description is indicated, attach additional pages of notes and photographs keyed to appropriate checklist item.

B. BUILDING SITE INSPECTION (continued)

		YES	NO
9.	**Evidence of earthquake-induced permanent ground deformation in the immediate vicinity of the property?**	☐	☐

C. GENERAL BUILDING INFORMATION

10. **Safety Assessment Tag: (✓ check one)** ☐ None ☐ Green ☐ Yellow ☐ Red

(chimney only): ☐ Yellow ☐ Red

11. **a) Year of original construction (best estimate):** _____

b) Total square footage (best estimate): _____

		YES	NO
12.	**Have any repairs, modifications, or demolition been performed since the earthquake?**	☐	☐

If yes, describe _____

13. **Building configuration:**
- ☐ a. Single story
- ☐ b. Combination one and two story
- ☐ c. Full two story
- ☐ d. Three story
- ☐ e. Split level
- ☐ f. Living space above garage
- ☐ g. Other, describe _____

14. **Exterior wall finish:**
- ☐ a. Stucco
- ☐ b. Panel siding
- ☐ c. Lap siding
- ☐ d. Masonry veneer
- ☐ e. Other, describe _____

15. **Foundation configuration:**
- ☐ a. Slab-on-grade
- ☐ b. Crawlspace without cripple walls
- ☐ c. Crawlspace with cripple walls
- ☐ d. Exposed piers or posts
- ☐ e. Partial basement
- ☐ f. Full basement
- ☐ g. Other, describe _____

16. **Sill bolting:**
- ☐ a. Structure bolted to foundation
- ☐ b. Structure not bolted to foundation
- ☐ c. Don't know

17. **Roof configuration:**
- ☐ a. Gable
- ☐ b. Hip
- ☐ c. Flat or very low slope
- ☐ d. Shed
- ☐ e. Other, describe _____

18. **Roof covering:**
- ☐ a. Asphalt shingles
- ☐ b. Wood shingle or shake
- ☐ c. Concrete or clay tile
- ☐ d. Metal shingles
- ☐ e. Membrane
- ☐ f. Other, describe _____

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General Earthquake Damage Inspection Checklist

Where description is indicated, attach additional pages of notes and photographs keyed to appropriate checklist item.

D. EXTERIOR BUILDING INSPECTION

		YES	NO	N/A
19.	**General: (if yes, provide description and photos)**			
	a. Collapse, partial collapse, or building off foundation?	☐	☐	
	b. Obvious lean in any story?	☐	☐	
20.	**Exterior walls: (if yes, provide description and photos)**			
	a. Fresh cracking at corners of door and window openings?	☐	☐	☐
	b. Fresh cracking at building corners?	☐	☐	☐
	c. Door or window openings racked out of square?	☐	☐	☐
	d. Broken glass in windows or doors?	☐	☐	☐
	e. Wall leaning?	☐	☐	☐
	f. Bulging or delamination of stucco?	☐	☐	
	g. Pattern of cracking that extends from the ground surface, through foundation, and wall?	☐	☐	
	h. Evidence of recent relative movement at mudsill line?	☐	☐	
	i. At locations where the exterior stucco is continuous from the framing down over the foundation, is there cracking of stucco along the mudsill level accompanied by indications of permanent displacement (sliding) of the building relative to the foundation?	☐	☐	☐
	j. Collapse, partial collapse, or separation of masonry veneer?	☐	☐	☐
	k. Severe cracking, separations, or offsets at building irregularities?	☐	☐	☐
21.	**Foundation: (if yes, provide description and photos)**			
	a. Fresh cracking of exposed perimeter foundation?	☐	☐	
	b. Relative movement between slab and footing in “two-pour” slab-on-grade foundations?	☐	☐	☐
	c. Ask homeowner if any earthquake retrofits have been done to the home?	☐	☐	☐
	If Y describe: _____			
	d. If the answer to c is Y, were bolts added to connect the home to the foundation?	☐	☐	☐
	e. If the answer to c is Y, were plywood or sheathing added to any cripple walls under the home?	☐	☐	☐

continue on next page

General Earthquake Damage Inspection Checklist

Where description is indicated, attach additional pages of notes and photographs keyed to appropriate checklist item.

D. EXTERIOR BUILDING INSPECTION (continued)

		YES	NO	N/A
22.	**Fireplace & Chimney: (if yes, provide description and photos)**			
	a. Present on external wall?	☐	☐	☐
	b. Present at internal location?	☐	☐	☐
	c. Collapse or partial collapse?	☐	☐	☐
	d. Visible damage or cracking?	☐	☐	
	e. Visible tilting or separation from building?	☐	☐	☐
	f. Shifted or loose clay flue tile segments and displaced joint mortar?	☐	☐	☐
	g. Deterioration of exposed mortar?	☐	☐	☐
	h. Does the top of the chimney rock when pushed?	☐	☐	☐
23.	Roof: (if yes, provide description and photos)			
	a. Shifted or dislodged clay or concrete roof tile?	☐	☐	☐
	b. Impact damage to roof from falling chimneys?	☐	☐	☐
	c. Displaced rooftop HVAC units?	☐	☐	☐
	d. Significantly sagging roof ridgelines?	☐	☐	☐
	e. Signs of movement between rafter tails and wall finishes at eaves?	☐	☐	☐
	f. Buckled/dislodged flashing or tearing of roof membrane at chimneys, roof/wall intersections in split level buildings, additions, appendages, porches, or other building irregularities?	☐	☐	☐
	g. Tearing of roof membrane or deck waterproofing at re-entrant corners?	☐	☐	☐
	h. Toppling, shifting, or damage/leakage at refrigerant and electrical lines of rooftop mechanical equipment?	☐	☐	☐
	i. Shifting of or damage to solar panels?	☐	☐	☐

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General Earthquake Damage Inspection Checklist

Where description is indicated, attach additional pages of notes and photographs keyed to appropriate checklist item.

D. EXTERIOR BUILDING INSPECTION (continued)

		YES	NO	N/A
24.	**Attached or abutting improvements: (if yes, provide description and photos)**			
	a. Collapse, partial collapse, or separation of attached porches, carports, patio covers, or awnings?	☐	☐	☐
	b. Evidence of recent settlement or displacement of exterior steps, patios, or walkways relative to the building?	☐	☐	
	c. Signs of movement between building floor or garage floor and exterior hardscape or retaining wall along the uphill side of homes on steeply sloping sites?	☐	☐	☐
	d. Toppling, shifting, or damage/leakage at refrigerant and electrical lines of air conditioning condenser unit(s)?	☐	☐	☐
25.	**Independent exterior improvements: (if yes, provide description and photos)**			
	a. Damaged detached garage?	☐	☐	☐
	b. Damage to fences / privacy walls?	☐	☐	☐
	c. Damage to retaining walls?	☐	☐	☐
	d. Damage to pool & pool deck?	☐	☐	☐
	e. Evidence of leakage from irrigation supply lines?	☐	☐	☐
	f. Toppling, shifting, or damage/leakage at fuel connection of propane tanks?	☐	☐	☐
	g. Broken piping or shifting of pool or spa equipment?	☐	☐	☐

E. INTERIOR INSPECTION (including basement and attached garage, if present)

26. General information

a. If interior access not possible, identify reason

- ☐ i. Red tag
- ☐ ii. Hazardous materials
- ☐ iii. Other hazardous condition, describe _____
- ☐ iv. Other, describe _____

b. Typical wall and ceiling finish

- ☐ i. Drywall
- ☐ ii. Plaster on gypsum lath
- ☐ iii. Plaster on wood lath
- ☐ iv. Other, describe _____

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General Earthquake Damage Inspection Checklist

Where description is indicated, attach additional pages of notes and photographs keyed to appropriate checklist item.

E. INTERIOR INSPECTION (continued)

		YES	NO	N/A
27.	**Walls: (if yes, provide description and photos)**			
	a. Fresh cracking, buckling, spalling, or detachment of interior wall finish at corners of door and window openings?	☐	☐	☐
	b. Fresh cracking of wall finishes at wall corners or wall/ceiling intersections?	☐	☐	☐
	c. Door or window openings racked out of square?	☐	☐	☐
	d. Wall leaning?	☐	☐	☐
	e. Pattern of cracking that extends from the floor slab through the wall?	☐	☐	
	f. Movement or sliding of walls relative to the floor?	☐	☐	
	g. Severe cracking, separations, or offsets at building irregularities?	☐	☐	☐
	h. Doors damaged, difficult to operate, or inoperable?	☐	☐	☐
	i. Windows damaged, difficult to operate, or inoperable?	☐	☐	☐
28.	**Ceilings: (if yes, provide description and photos)**			
	a. Collapse of ceiling finish?	☐	☐	☐
	b. Fresh cracking of ceiling finishes, especially at re-entrant corners; cracks along corner bead at stairwell openings; cracking or tearing of finishes at ceiling/wall juncture; or multiple "nail pops"?	☐	☐	☐
	c. Damage to ceiling finishes in vicinity of chimneys or fireplaces?	☐	☐	☐
	d. Separations or cracks in ceiling finishes at split-levels, re-entrant corners, additions, appendages, or other building discontinuities?	☐	☐	☐
	e. Water damage or evidence of recent leakage from plumbing lines or roofing?	☐	☐	☐

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General Earthquake Damage Inspection Checklist

Where description is indicated, attach additional pages of notes and photographs keyed to appropriate checklist item.

E. INTERIOR INSPECTION (continued)

		YES	NO	N/A
29.	**Floors: (if yes, provide description and photos)**			
	a. Evidence of recent sloping, sagging, settlement or displacement of floors?	☐	☐	☐
	b. In slab-on-grade locations, fresh cracking of floor slab or floor finishes?	☐	☐	☐
	c. Significant sagging or unusual bounciness of woodframed floors over crawlspace?	☐	☐	☐
	d. Separations or cracks in floor finishes at split-levels, re-entrant corners, additions, appendages, or other building discontinuities?	☐	☐	☐
	e. Signs of movement between floor (including garage floor) and exterior hardscape or retaining wall along the uphill side of homes on steeply sloping sites?	☐	☐	☐
	f. A pattern of fresh cracks, gaps, or joint separations in floor finishes?	☐	☐	☐
	g. Impact damage to floor finishes from falling contents?	☐	☐	☐
30.	**Fireplace: (if yes, provide description and photos)**			
	a. Collapse, partial collapse, or separation of interior fireplace facing from, or movement relative to, the adjacent wall or firebox?	☐	☐	☐
	b. Differential movement between fireplace insert and firebox?	☐	☐	☐
31.	**Mechanical systems: (if yes, provide description and photos)**			
	a. Displaced connection of appliance flues connected to chimneys?	☐	☐	☐
	b. Toppling, shifting, leakage from tank, leakage from water connections displaced flue connection or damage/leakage at gas line or electrical connection of water heater?	☐	☐	☐
	c. Shifting, damage/leakage at gas line, flue connection, electrical connection, refrigerant line, and condensate drain connection of furnace or air conditioning fan-coil unit?	☐	☐	☐
	d. Damage to gas line of gas stoves or gas fueled clothes dryers?	☐	☐	☐
	e. Damage to toilets?	☐	☐	☐
	f. Decreased or restricted water pressure at appliances, faucets, or toilets?	☐	☐	☐
	g. Toppling or shifting of free-standing wood stove and/or flue?	☐	☐	☐
	h. Toppling, shifting, damage/leakage at fuel connection of fuel oil tank?	☐	☐	☐

continue on next page

House Number: _____

General Earthquake Damage Inspection Checklist

Where description is indicated, attach additional pages of notes and photographs keyed to appropriate checklist item.

E. INTERIOR INSPECTION (continued)

		YES	NO	N/A
32.	**Architectural woodwork and special finishes: (if yes, provide description and photos)**			
	a. Shifting of or damage to kitchen or bathroom cabinetry?	☐	☐	☐
	b. Impact damage to countertops from falling objects?	☐	☐	☐
	c. Cracking of ceramic tile in showers or tub/shower enclosures consistent with earthquake damage to adjacent wall finishes?	☐	☐	☐

F. CONTINGENT INSPECTIONS

		YES	NO	N/A
33.	**Crawlspace:** (if yes, attach CUREE Form EDA-F3)	☐	☐	☐
34.	**Attic:** (if yes, attach CUREE Form EDA-F4)	☐	☐	☐