DE 13359

AEP 8702

GENERAL EARTHQUAKE DAMAGE INSPECTION CHECKLIST

A.	GENERAL INFORMATION		
1.	Street Address of the School:	PR 123 km, 51.6	
	City: Utuado	State: Puerto Rico Zip: (00641
2.	School Name:	Inocencio Montero	
3.	Date of inspection:	Thursday January 8, 2020	
4.	Inspector's Name: Adolfo Bonilla Rodriguez, P.		
В.	BUILDING SITE INSPECTION		
5.	Utility Service Safety:		
detecte	TANT–Immediately following an earthquake, check the entir d, turn off the gas at the meter where it enters the house. Le gas has been shut off, vacate the building and contact the	ocate and repair leaks before turning gas back or	nell of gas. If gas odor is n. If the gas odor persists
	TANT-Before entering a damaged, vacant building verify the ither a manual valve or a seismically-activated gas shut-off		
	a. Odor of natural gas leakage? YES NO	b. Downed powerlines?	ио ка
6.	Surrounding topography: (Echeck one) Flat Gently sloping (easily walkable) Steeply sloping (difficult or impossible to walk in som	ne areas)	
7.	Building pad: (⊠check one) X Flat The basketball court are in a flat terrace of Terraced or multilevel Gently sloping (less than 4-foot ground surface elever Steeply sloping (greater than 4-foot ground surface elever than 4-foot ground surfa	ation difference across house)	
8.	Geotechnical Issues: (if yes, provide description and pho	otos)	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 wa	alls?	
	d. Patterns of cracking that extend through the ground su	urface, hardscape, and improvements?	
	e. Evidence of sand boils or other fresh-appearing depos	sits of sand or mud?	
	f. Unusual slumping, rising, or bulging of the ground surf	face?	
	g. Evidence of rock falls or slope instability above site?		
	h. Ground movement or wet areas indicating possible bro	oken underground utility lines?	
les.	i. Other phenomena (e.g., septic tanks surfacing, differe	ntial settlement, ground consolidation)?	

В.	BUILDING SITE INSPECTION (continued)	YES	NO
9.	Evidence of earthquake-induced permanent ground deformation in the immediate vicinity of the property?		X
c.	GENERAL BUILDING INFORMATION		
10.	Safety Assessment Tag: (☑check one)		
11. 12.	a) Year of original construction (best estimate):	YES	NO
12.	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. Typical g. Other, describe 2	foundation	
14.	Exterior wall finish: a. Stucco b. Panel siding c. Metal siding d. Masonry veneer d. Masonry veneer e. Other, describe a. Asphaltic membrane b. Wood shingle or shake X c. Concrete		
15.	Foundation configuration: a. Slab-on-grade b. Crawlspace without cripple walls c. Crawlspace with cripple walls d. Exposed piers or posts X e. Typical Beam and columns (Portico) f. Metal g. Other, describe		

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

D.	EXTERIOR BUILDING INSPECTION (continued)			
	22. Kitchen Hook (if yes, provide description and photos)	YES	NO	N/A
	a. Present on external wall?		X	
	b. Present at internal location?		X	
	c. Collapse or partial collapse?		X	
	d. Visible damage or cracking?		X	
	e. Visible tilting or separation from building?		X	
	f. Shifted or loose and displaced		X	
	g. Deterioration or deformation		x	
			X	
23.	Roof: (if yes, provide description and photos)			
	a. Shifted or dislodged or concrete damage?		X	
	b. Impact damage to roof from falling object?		X	
	c. Displaced rooftop HVAC units?		X	
	d. Significantly sagging roof ridgelines?		X	
	e. Signs of movement between rafter tails and wall finishes at eaves?		X	
	f Buckled/dislodged flashing or tearing of roof membrane, roof/wall intersections in split		X	
	level buildings, additions, or other building irregularities?			
	g. Tearing of roof membrane or deck waterproofing at re-entrant corners?		X	
	h. Toppling, shifting, or damage/leakage at refrigerant and electrical lines of rooftop			X
	mechanical equipment?			
	i. Shifting of or damage to solar panels?			X

D.	EXTERIOR BUILDING INSPECTION (continued)			
24.	Attached or abutting improvements: (if yes, provide description and photos)	YES	NO	N/A
	a. Collapse, partial collapse, or separation of attached porches, carports, Gazebos, or		X	
	awnings?			
	b. Evidence of recent settlement or displacement of exterior steps, patios,		X	
	or walkways relative to the building?			_
	c. Signs of movement between building floor and/ or exterior hardscape or retaining	Ц	X	Ц
	wall along the uphill side of hon steeply sloping sites?			20 <u></u>
1	d. Toppling, shifting, or damage/leakage at refrigerant and electrical lines of		X	
	air conditioning condenser unit(s)? Note: No electrical services at the date of in	spection		
25.	Independent exterior improvements: (if yes, provide description and photos)	-		
	a. Damaged detached gazebo?		X	Ц
	b. Damage to fences / privacy walls?		X	
	c. Damage to retaining walls?		X	
	d. Damage to walkway?		<u>X</u>	
	e. Evidence of leakage from water supply lines?		<u>x</u>	
	f. Toppling, shifting, or damage/leakage at fuel connection of propane tanks?		X	
	g. Others damage		X	
-				
E.	INTERIOR INSPECTION N/A			
26.	General information a. If interior access not possible, identify reason b. Typical wall and ceiling	finish		
	i. Red tag ii. Drywall	mist		
	ii. Hazardous materials ii. Plaster on gypst			
	Liii. Other hazardous condition, Liii. Plaster on wood describe Liv. Other, describe			
				West-Commission of the Commission of the Commiss
	iv. Other, describe			

E.	INTERIOR INSPECTION (continued)			8)
27.	Walls: (if yes, provide description and photos)	YES	NO	N/A
	a. Fresh cracking, buckling, spalling, or detachment of interior wall finish at corners of		X	
	door and window openings?			
	b. Fresh cracking of wall finishes at wall corners or wall/ceiling intersections?		X	
	c. Door or window openings racked out of square?		X	
	d. Wall leaning?		X	
	e. Pattern of cracking that extends from the floor slab through the wall?		X	
	f. Movement or sliding of walls relative to the floor?		X	
	g. Severe cracking, separations, or offsets at building irregularities?		X	
	h. Doors damaged, difficult to operate, or inoperable?		X	
	i. Windows damaged, difficult to operate, or inoperable?		X	
28.	Ceilings: (if yes, provide description and photos)			
	a. Collapse of ceiling finish?		X	
	b. Fresh cracking of ceiling finishes, especially at re-entrant corners; cracks along corner		X	
	bead at stairwell openings; cracking or tearing of finishes at ceiling/wall juncture; or multiple	le		
	"nail pops"?			
	c. Damage to ceiling finishes in vicinity of corridors or commons places?		X	
	d. Separations or cracks in ceiling finishes at split-levels, re-entrant corners,		X	
	additions, appendages, or other building discontinuities?			
	e. Water damage or evidence of recent leakage from plumbing lines or roofing?		X	

E.	INTERIOR INSPECTION (continued)			
29.	Floors: (if yes, provide description and photos)	YES	NO	N/A
	a. Evidence of recent sloping, sagging, settlement or displacement of floors?		X	
	b. In slab-on-grade locations, fresh cracking of floor slab or floor finishes?	6300	X	
	c. Significant sagging or unusual bounciness of floors frames?		X	
	d. Separations or cracks in floor finishes at split-levels, re-entrant corners, additions,		X	
	appendages, or other building discontinuities?	IVIII-		
	e. Signs of movement between floor and exterior hardscape or retaining wall along		X	
	the uphill side of homes on steeply sloping sites?	_		_
	f. A pattern of fresh cracks, gaps, or joint separations in floor finishes?		X	
	g. Impact damage to floor finishes from falling contents?		X	
30.	Mechanical systems: (if yes, provide description and photos)			X
	a. Displaced connection of appliance flues connected to chimneys?			
	b. Toppling, shifting, leakage from tank, leakage from water connections displaced flue		X	
	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,		X	
	and condensate drain connection of furnace or air conditioning fan-coil unit?		\mathbf{x}	
	Note: No electrical service at inspection date. d. Damage to gas line of gas stoves or gas fueled clothes dryers?			
	e. Damage to toilets?		X	
	f. Decreased or restricted water pressure at appliances, faucets, or toilets?	X0 <u></u> 00	Q	
	g. Toppling or shifting of free-standing wood stove and/or flue?		X	
	h. Toppling, shifting, damage/leakage at fuel connection of fuel oil tank?		X	
	i. Other Damage in the dining room		X	
	j. Damage near the gas tank		X	
		Ц	X	

E.	INTERIOR INSPECTION (continued)			
31.	Architectural woodwork and special finishes: (if yes, provide description and photos)	YES	NO	N/A
	a. Shifting of or damage to kitchen or bathroom cabinetry?		X	
	b. Impact damage to countertops from falling objects?		X	
	c. Cracking of ceramic tile in showers or tub/shower enclosures consistent with		X	
	earthquake damage to adjacent wall finishes?			
F.	CONTINGENTINSPECTIONS			830
		YES	NO	N/A
32.	Retaining Tank Wall damage?			X
33.	Water tank or other field subterranean structure			X

Departamento de Educación Dr. Eligio Hernández Pérez Secretario de Educación		
Hora: 1:30 PM	Código: Fecha de	· ·
Escuela: Inocencio Montero	Inspección:	9 de enero de 2020
Municipio: Utuado		
Abrir Escuela (Verde)		
Abrir Parcialmente la Escuela (Amarillo)		
No Abrir la Escuela (Rojo)		
Comentarios:	The state of the s	
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Fecha de Expiración 2024 06-19