

Hoja de Trámite

22 de enero de 2020

Para:	Dr. Eligio	nento de Educ Hernández Po io de Educació	érez			
De:	Calle Pro		uite 202, F	ajardo PR 00738 info@ingenium.g		
Nombre	del Repre	sentante Autor	rizado:	Ma	igno lere	(
			Firma:	1	-12	
Escuela:		RAFAEL COR	DERO	Codigo: _	6	1762
Municipio	D:	SAN JUAN I	Fec	cha Inspeccion: _	4:	3843
	1.10 - 2.1	eniero que endación:	EFREN	RIVERA	LIC:	8904
	1 2 3	Recomendad	ión al Secr gital Especi	al emitida por el (CIAPR	
Ent	regado a:		i) t	Fecha: _	1 2	spors

Α.	GENERAL INFORMATION			
1.	Street Address of the School:			
_	city: San Juan	State: Puerro Rico Zip:		
2.	School Name:	State: Puerro Rico Zip: Rafael Cordero		
3.	Date of inspection:	13 Enero 2020		
4.	Inspector's Name: Efren Rive			-
D	DIN DING CITE INCOPOTION			
B.	BUILDING SITE INSPECTION	*	ž	348
5.	Utility Service Safety:			
detecte	TANT-Immediately following an earthquake, check the entired, turn off the gas at the meter where it enters the house. Loog gas has been shut off, vacate the building and contact the q	cate and repair leaks before turning gas back or	iell of gas. If ga 1. If the gas od	is odor is or persists
IMPOR valve, e	TANT-Before entering a damaged, vacant building verify tha ither a manual valve or a seismically-activated gas shut-off v	t gas is off. Check the gas meter for damage an alve. Do not enter the building if gas odor is det	d position of material	ain gas _,
	a. Odor of natural gas leakage? YES NO	b. Downed powerlines?	NO NO	/ 64
6.	Surrounding topography: (@checkone) Flat Gently sloping (easily walkable) Steeply sloping (difficult or impossible to walk in some	e areas)		
7.	Building pad: (@check one) Flat Terraced or multilevel Gently sloping (less than 4-foot ground surface elevants) Steeply sloping (greater than 4-foot ground surface elevants)			
8.	Geotechnical Issues: (If yes, provide description and pho	dos)	YES	NO
	a. New cracks in the ground?			4
	b. Signs of fresh cracking in or movement of hardscape?			
	c. Signs of fresh cracking in or movement of retaining wal	ls?		-
	d. Patterns of cracking that extend through the ground su	rface, hardscape, and improvements?		
	e. Evidence of sand boils or other fresh-appearing deposit	its of sand or mud?		
	f. Unusual slumping, rising, or bulging of the ground surfa	ace?		
	g. Evidence of rock falls or slope instability above site?		Ц	
	h. Ground movement or wet areas indicating possible bro	ken underground utility lines?		4
	i. Other phenomena (e.g., septic tanks surfacing, differer	ntial settlement, ground consolidation)?		14

В.	BUILDING SITE INSPECTION (continued)	*	YES	NO
9.	Evidence of earthquake-induced permanent ground deformanenty?	ormation i	in the immediate vicinity of the		
C.	GENERAL BUILDING INFORMATION				
10.	Safety Assessment Tag: (@check one) None (others):	Gr Yellow	een Yellow Red		29
11. 12.	a) Year of original construction (best estimate): b) Total square footage (best estimate): Have any repairs, modifications, or demolition been per If yes, describe	formed si		YES	NO
13.	Building configuration: a. Single story b. Combination one and two story c. Full two story d. Three story	16.	Sill bolting: a. Structure bolted to founda b. Structure not bolted to founda c. Don't know		
	e. Split level f. Typical g. Other, describe	17.	Roof configuration: a. Gable b. Hip		
14.	Exterior wall finish: a. Stucco b. Panel siding c. Metal siding d. Masonry veneer e. Other, describe Cement plaster	18.	c. Flat or very low slope d. Shed e. Other, describe Roof covering: a. Asphaltic membrane b. Wood shingle or shake		
15.	Foundation configuration: a. Slab-on-grade b. Crawlspace without cripple walls c. Crawlspace with cripple walls d. Exposed piers or posts e. Typical f. Metal g. Other, describe		c. Concrete d. Metal e. Elastomeric f. 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?			
		b. Obvious lean in any story?		Ø	
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?	arue		
		c. Door or window openings racked out of square?		Ø	
		d. Broken glass in windows or doors?		d	
		e. Wall leaning?		Ø	
		f. Bulging or delamination of stucco?		13	
		g. Pattern of cracking that extends from the ground surface, through foundation, and wall?			O
		h. Evidence of recent relative movement at mudsill line?		Ø	
		i. At locations where the exterior stucco is continuous from the framing down over the		Ø	
		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?		Ø	
		k. Severe cracking, separations, or offsets at building irregularities?			
21.		Foundation: (if yes, provide description and photos)			
-		a. Fresh cracking of exposed perimeter foundation?		O (
		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?		Z	

D.	EXTERIOR BUILDING INSPECTION (continued)		en-co-al A. Calina a second company and a second company and a second company and a second company and a second	
	22. Kitchen Hook (if yes, provide description and photos)	YES	NO	N/A
	a. Present on external wall?		Ø	
	b. Present at internal location?		Ø	
	c. Collapse or partial collapse?		Ø	
	d. Visible damage or cracking?		Ø	
	e. Visible tilting or separation from building?			
	f. Shifted or loose and displaced			
	g. Deterioration or deformation			
				
23.	Roof: (If yes, provide description and photos)			
	a. Shifted or dislodged or concrete damage?		Ø	
	b. Impact damage to roof from falling object?		9	
	c. Displaced rooftop HVAC units?		3	
	d. Significantly sagging roof ridgelines?			
	e. Signs of movement between rafter tails and wall finishes at eaves?		0	
	f Buckled/dislodged flashing or tearing of roof membrane, roof/wall intersections in split			
	level buildings, additions, or other building irregularities?			
	g. Tearing of roof membrane or deck waterproofing at re-entrant corners?		0	
	h. Toppling, shifting, or damage/leakage at refrigerant and electrical lines of rooftop			
	mechanical equipment?			
	i. Shifting of or damage to solar panels?			
			-	

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		7	
	awnings?	_		
	b. Evidence of recent settlement or displacement of exterior steps, patios,	Ш		
	or walkways relative to the building?			
	c. Signs of movement between building floor and/ or exterior hardscape or retaining			
	wall along the uphill side of hon steeply sloping sites?			
	d. Toppling, shifting, or damage/leakage at refrigerant and electrical lines of			
	air conditioning condenser unil(s)?			
25.	Independent exterior improvements: (if yes, provide description and photos)	П		
	a. Damaged detached gazebo?			
	b. Damage to fences / privacy walls?			
	c. Damage to retaining walls?			
	d. Damage to walkway?			
	e. Evidence of leakage from water supply lines?			
	f. Toppling, shifting, or damage/leakage at fuel connection of propane tanks?		14	
	g. Others damage	Louis	bood	
E.	INTERIOR INSPECTION			
26.	General information			
	 a. If interior access not possible, identify reason b. Typical wall and ceiling i. Red tag i. Drywall 	g finish		
	ii. Hazardous materials iii. Plaster on gyp			
	iii. Other hazardous condition, describe iv. Other, describe		plaster	
	iv. Other, describe			

р Сев р	INTERIOR INSPECTION (continued)			
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			
	door and window openings?			
	b. Fresh cracking of wall finishes at wall corners or wall/ceiling intersections?		Ø	
	c. Door or window openings racked out of square?		Ø	
	d. Wall leaning?		Ø	
	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?		Ø	
	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 corridors or commons places?		w.	
	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?			

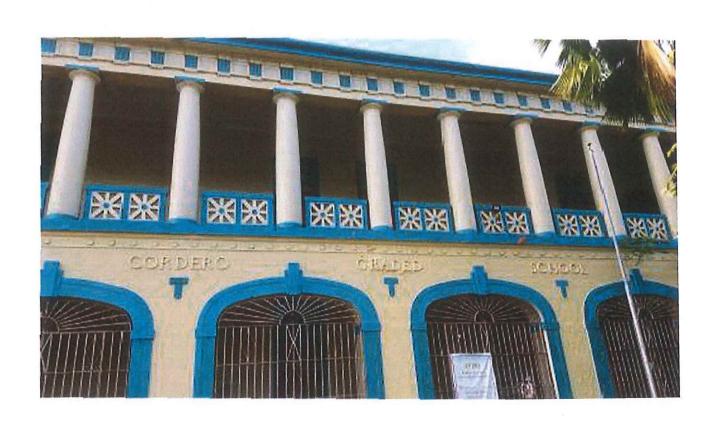
	INTERIOR INSPECTION (continued)			ALL SALES
29.	Floors: (if yes, provide description and photos)	YES	NO	N/A
	a. Evidence of recent sloping, sagging, settlement or displacement of floors?		<u>a</u>	
	b. In slab-on-grade locations, fresh cracking of floor slab or floor finishes?			
	c. Significant sagging or unusual bounciness of floors frames?		<u>a</u>	
	d. Separations or cracks in floor finishes at split-levels, re-entrant corners, additions,	ALCONIZONA		
	appendages, or other building discontinuities?	formula formula		
	e. Signs of movement between floor and exterior hardscape or retaining wall along		Ľ	
	the uphill side of homes on steeply sloping sites?	<u> </u>		
	f. A pattern of fresh cracks, gaps, or joint separations in floor finishes?	<u></u>		
	g. Impact damage to floor finishes from falling contents?	<u></u>	Ľ	
		 1		r
30.	Mechanical systems: (if yes, provide description and photos)			
	a. Displaced connection of appliance flues connected to chimneys?	- -1		 7
	b. Toppling, shifting, leakage from tank, leakage from water connections displaced flue	L_J	Ľ	ll
	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?	П	17	
	g. Toppling or shifting of free-standing wood stove and/or flue?			
	h. Toppling, shifting, damage/leakage at fuel connection of fuel oil tank?		[]	
	i. Other Damage in the dining room			
	j. Damage near the gas tank		_ 图	
		_		_ _

OCULAR INSPECTION CHECKLIST

2005 2005 2005	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?	as-eas	3	
	b. Impact damage to countertops from falling objects?			aren
	c. Cracking of ceramic tile in showers or tub/shower enclosures consistent with	pol-community of the community of the co		
	earthquake damage to adjacent wall finishes?			
		un cool		
F.	CONTINGENTINSPECTIONS		The second of th	
		YES	NO	N/A
32.	Retaining Tank Wall damage?	(Neganijana)		
33.	Water tank or other field subterranean structure			

OCULAR INSPECTION CHECKLIST

G.	RECOMENDACIÓN AL SECRETARIO		
	Departamento de Educación Dr. Eligio Hernández Pérez Secretario de Educación		
	Hora de Entrada a Inspección: Escuela: Municipio: B:00 AM Pafael Cordero San Juan	Hora de Salida de Inspección: Código: Fecha de Inspección:	10:15 AM 61762 13 de enerozo
	Abrir Escuela (Verde)		
	Abrir Parcialmente la Escuela (Amarillo)		
	No Abrir la Escuela (Rojo)		
	Comentarios: Luego de realizar ocular de la escuela de San Juan mi con siguiente; 1- No se identi estructural	Rafael Conentario es	orders s el
	Efren Rivera Carrasquillo Nombre (Letra de Molde) Son M Canapullo Firma	3904 #Licencia	INGENIERO LICENCIADO LICENCIADO LIC. 9804













COLEGIO DE INGENIEROS Y AGRIMENSORES DE PUERTO RICO

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ESTAMPILLA DIGITAL ESPECIAL (EDE)

Ing. William Melendez Rivas, PE



Práctica de:

Ingeniería

Licencia:

16383

Renglón:

Certificación

Descripción del Trabajo: Trámites ante Entes Gubernamentales

Fecha de Emisión:

2020-01-21

Monto Emitido:

\$5

Número de Serie:

1189-7098-0002-0555

Número de Caso:

Código Escuela:61762

Proyecto / Unidad:

Escuela Rafael Cordero, San Juan

Rol del Profesional:

Consultor



Certificación:

El profesional certifica con la emisión de la estampilla digital especial del Colegio de Ingenieros y Agrimensores de Puerto Rico el haber cumplido con las disposiciones de la Sección 11 de la Ley 319 del 15 de mayo de 1938, según enmendada.

La colocación del sello profesional constituye la cancelación de la estampilla digital especial