

CARTA DE TRAMITE

Para: Departamento de Educación
Dr. Eligio Hernández Pérez
Secretario de Educación

De: ROV Engineering Services PSC
100 Road 165 Suite 203 CIM Tower 1 Guaynabo, PR 00968
787-230-7171
Víctor M. Rodríguez Ortiz, P.E., CPIA, CPIU

Escuela: **Ernesto Ramos Antonini**

Código: **(64402)**

Municipio: **San Juan**

Fecha de:
Inspección **11-enero-20**

Nombre del Ingeniero que emite la recomendación: **Ing. Miguel P. Vélez**

Anejos:

1. Recomendación al Secretario.
2. Estampilla Digital Especial emitida por el CIAPR.
3. Informe de inspección Ocular.

OCULAR 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 the School:** AVE. CHARDON 125
- City:** SAN JUAN **State:** PUERTO RICO **Zip:** 00918
2. **School Name:** ERNESTO RAMOS ANTONINI
3. **Date of inspection:** JANUARY 11, 2020
4. **Inspector's Name:** MIGUEL P. VELEZ

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? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b. Signs of fresh cracking in or movement of hardscape? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c. Signs of fresh cracking in or movement of retaining walls? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d. Patterns of cracking that extend through the ground surface, hardscape, and improvements? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| e. Evidence of sand boils or other fresh-appearing deposits of sand or mud? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| f. Unusual slumping, rising, or bulging of the ground surface? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| g. Evidence of rock falls or slope instability above site? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| h. Ground movement or wet areas indicating possible broken underground utility lines? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| i. Other phenomena (e.g., septic tanks surfacing, differential settlement, ground consolidation)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

OCULAR 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? YES NO

C. GENERAL BUILDING INFORMATION

10. Safety Assessment Tag: (☑check one) None Green Yellow Red
 (others): Yellow Red

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

b) Total square footage (best estimate): 20k sf/flr

YES NO

12. Have any repairs, modifications, or demolition been performed since the earthquake? YES NO
 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 6 STORY BUILDING

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

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

17. Roof configuration:
- a. Gable
 - b. Hip
 - c. Flat or very low slope
 - d. Shed
 - e. Other, describe CONCRETE & STEEL JOIST

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 _____

18. Roof covering:
- a. Asphaltic membrane
 - b. Wood shingle or shake
 - c. Concrete
 - d. Metal
 - e. Elastomeric
 - f. Other, describe _____

OCULAR 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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Obvious lean in any story?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
20. Exterior walls: (if yes, provide description and photos)			
a. Fresh cracking at corners of door and window openings?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Fresh cracking at building corners?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Door or window openings racked out of square?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. Broken glass in windows or doors?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. Wall leaning?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. Bulging or delamination of stucco?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. Pattern of cracking that extends from the ground surface, through foundation, and wall?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. Evidence of recent relative movement at mudsill line?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
j. Collapse, partial collapse, or separation of masonry veneer?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
k. Severe cracking, separations, or offsets at building irregularities?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21. Foundation: (if yes, provide description and photos)			
a. Fresh cracking of exposed perimeter foundation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Relative movement between slab and footing in "two-pour" slab-on-grade foundations?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Ask homeowner if any earthquake retrofits have been done to the home?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If Y describe: _____			
d. If the answer to c is Y, were bolts added to connect the home to the foundation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. If the answer to c is Y, were plywood or sheathing added to any cripple walls under the home?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

OCULAR INSPECTION CHECKLIST

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

D. EXTERIOR BUILDING INSPECTION (continued)

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

OCULAR 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, Gazebos, or awnings? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b. Evidence of recent settlement or displacement of exterior steps, patios, or walkways relative to the building? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c. Signs of movement between building floor and/ or exterior hardscape or retaining wall along the uphill side of non steeply sloping sites? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d. Toppling, shifting, or damage/leakage at refrigerant and electrical lines of air conditioning condenser unit(s)? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 25. Independent exterior improvements: (if yes, provide description and photos) | | | |
| a. Damaged detached gazebo? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b. Damage to fences / privacy walls? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c. Damage to retaining walls? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d. Damage to walkway? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| e. Evidence of leakage from water supply lines? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| f. Toppling, shifting, or damage/leakage at fuel connection of propane tanks? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| g. Others damage | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

E. INTERIOR INSPECTION

26. General information

- | | |
|--|--|
| <p>a. If interior access not possible, identify reason</p> <p><input type="checkbox"/> i. Red tag</p> <p><input type="checkbox"/> ii. Hazardous materials</p> <p><input type="checkbox"/> iii. Other hazardous condition, describe _____</p> <p><input type="checkbox"/> iv. Other, describe _____</p> | <p>b. Typical wall and ceiling finish</p> <p><input checked="" type="checkbox"/> i. Drywall</p> <p><input type="checkbox"/> ii. Plaster on gypsum lath</p> <p><input type="checkbox"/> iii. Plaster on wood lath</p> <p><input checked="" type="checkbox"/> iv. Other, describe <u>CONCRETE. ACOUSTIC PANELS</u></p> |
|--|--|

OCULAR 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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Fresh cracking of wall finishes at wall corners or wall/ceiling intersections?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Door or window openings racked out of square?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. Wall leaning?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. Pattern of cracking that extends from the floor slab through the wall?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. Movement or sliding of walls relative to the floor?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. Severe cracking, separations, or offsets at building irregularities?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. Doors damaged, difficult to operate, or inoperable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
i. Windows damaged, difficult to operate, or inoperable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
28. Ceilings: (if yes, provide description and photos)			
a. Collapse of ceiling finish?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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"?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Damage to ceiling finishes in vicinity of corridors or commons places?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. Separations or cracks in ceiling finishes at split-levels, re-entrant corners, additions, appendages, or other building discontinuities?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. Water damage or evidence of recent leakage from plumbing lines or roofing?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

OCULAR INSPECTION CHECKLIST

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

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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. In slab-on-grade locations, fresh cracking of floor slab or floor finishes?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Significant sagging or unusual bounciness of floors frames?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. Separations or cracks in floor finishes at split-levels, re-entrant corners, additions, appendages, or other building discontinuities?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. Signs of movement between floor and exterior hardscape or retaining wall along the uphill side of homes on steeply sloping sites?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. A pattern of fresh cracks, gaps, or joint separations in floor finishes?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. Impact damage to floor finishes from falling contents?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
30. Mechanical systems: (if yes, provide description and photos)			
a. Displaced connection of appliance flues connected to chimneys?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Damage to gas line of gas stoves or gas fueled clothes dryers?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Damage to toilets?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. Decreased or restricted water pressure at appliances, faucets, or toilets?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. Toppling or shifting of free-standing wood stove and/or flue?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Toppling, shifting, damage/leakage at fuel connection of fuel oil tank?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Other Damage in the dining room	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
j. Damage near the gas tank	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

OCULAR 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 |
|--|--------------------------|-------------------------------------|--------------------------|
| 31. Architectural woodwork and special finishes: (if yes, provide description and photos) | | | |
| a. Shifting of or damage to kitchen or bathroom cabinetry? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b. Impact damage to countertops from falling objects? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Cracking of ceramic tile in showers or tub/shower enclosures consistent with earthquake damage to adjacent wall finishes? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

F. CONTINGENT INSPECTIONS

- | | YES | NO | N/A |
|---|--------------------------|--------------------------|--------------------------|
| 32. Retaining Tank Wall damage? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 33. Water tank or other field subterranean structure | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

OCULAR INSPECTION CHECKLIST

G. RECOMENDACIÓN AL SECRETARIO

Departamento de Educación
Dr. Eligio Hernández Pérez
Secretario de Educación

Hora de Entrada a Inspección: 10:00 AM

Hora de Salida de Inspección: 1:00 PM

Escuela: ERNESTO RAMOS ANTONINI

Código: 64402

Municipio: SAN JUAN

Fecha de Inspección: 11 ENERO 2020

Abrir Escuela (Verde)

Abrir Parcialmente la Escuela (Amarillo)

No Abrir la Escuela (Rojo)

Comentarios:

Durante el sábado 11 de enero de 2020 se realizó un recorrido con la Directora Magaly Rosario. Durante el recorrido se pudo visitar aproximadamente 95% de los salones de la escuela, el teatro, comedor, biblioteca y el exterior.

En el recorrido no se observó evidencia de daños ocasionados por el terremoto reciente.

Es por esto que, en mi opinión y haber hablado con la Directora, que la escuela esta apta para recibir estudiantes.

Hubo una observación que la Directora me indicó: 1. El plantel tiene una escalera en el medio del edificio y, según la Directora, alguien le mencionó que esta escalera no se podía utilizar en el Plan de Desalojo pues es una escalera "flotante" ya que no tiene los soportes intermedios necesarios.

Se debe entender que este informe está basado solamente en una inspección ocular de las facilidades con el propósito de observar en las escuelas la presencia de daños significativos causados por los eventos sísmicos registrados hasta la fecha de este informe. La determinación de la adecuación estructural de las escuelas y su cumplimiento con los códigos aplicables de diseño o construcción, al igual que el desarrollo de recomendaciones para la rehabilitación de las facilidades, requerirá una evaluación detallada.

Miguel P. Velez
Preparado por: Nombre (Letra de Molde)



Firma

12279
Licencia

Víctor M. Rodríguez
Revisado por: Nombre (Letra de Molde)

Firma

21770
Licencia



Sello

OCULAR INSPECTION CHECKLIST

ANEJO A

Nombre de la Escuela: ERNESTO RAMOS ANTONINI

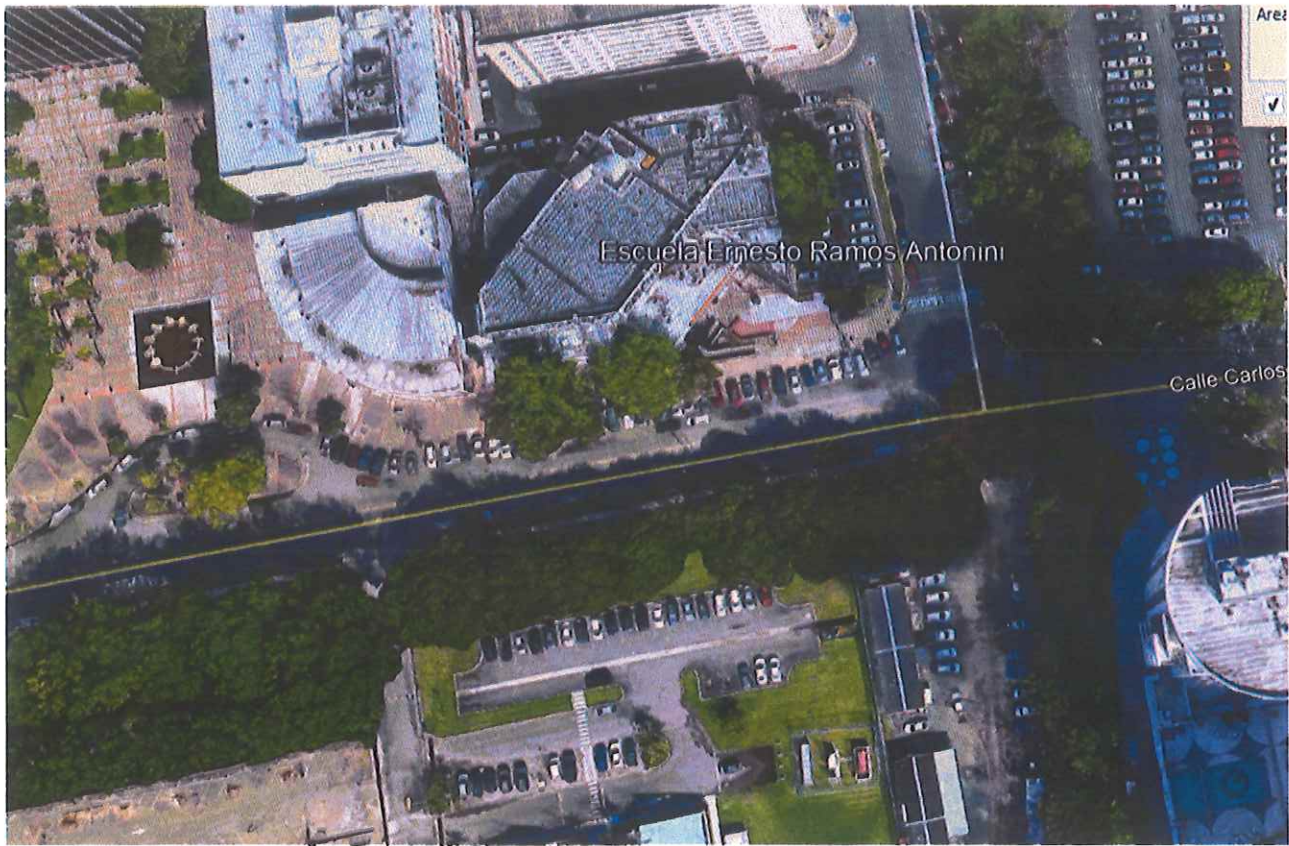
Fecha de Inspección: 11 ENERO 2020

Código de la Escuela: 64402

Nombre de Inspector: MIGUEL P. VELEZ





Plano de Sitio – ESCUELA ERNESTO RAMOS ANTONINI (LIBRE DE MUSICA)

Descripción: Vista aérea de la escuela / Plano de planta de escuela para identificar las áreas evaluadas.






OCULAR INSPECTION CHECKLIST

ANEJO A (cont.)

Edificio:	EXTERIOR	
Descripción:	No se observaron daños.	
Edificio:	EXTERIOR	
Descripción:	No se observaron daños.	
Edificio:	EXTERIOR	
Descripción:	Se observaron daños	
Edificio:	EXTERIOR	
Descripción:	No se observaron daños.	




OCULAR INSPECTION CHECKLIST

ANEJO A (cont.)

Edificio:	EXTERIOR	
Descripción:	No se observaron daños.	
Edificio:	TEATRO	
Descripción:	No se observaron daños.	
Edificio:	TEATRO	
Descripción:	Se observaron daños.	
Edificio:	TEATRO	
Descripción:	No se observaron daños.	





OCULAR INSPECTION CHECKLIST

ANEJO A (cont.)

Edificio:	BIBLIOTECA	
Descripción:	No se observaron daños.	
Edificio:	BIBLIOTECA	
Descripción:	No se observaron daños.	
Edificio:	BIBLIOTECA	
Descripción:	Se observaron daños	
Edificio:	PASILLO	
Descripción:	No se observaron daños.	





OCULAR INSPECTION CHECKLIST

ANEJO A (cont.)

Edificio:	PASILLO		
Descripción:	No se observaron daños.		
Edificio:	PASILLO		
Descripción:	No se observaron daños.		
Edificio:	PASILLO		
Descripción:	Se observaron daños significativos en el edificio.		
Edificio:	PASILLO		
Descripción:	No se observaron daños.		

OCULAR INSPECTION CHECKLIST

ANEJO A (cont.)

Edificio:	COMEDOR	
Descripción:	No se observaron daños.	
Edificio:	COMEDOR	
Descripción:	No se observaron daños.	
Edificio:	COMEDOR	
Descripción:	Se observaron daños significativos en el edificio.	
Edificio:	COMEDOR	
Descripción:	No se observaron daños.	





OCULAR INSPECTION CHECKLIST

ANEJO A (cont.)

Edificio:	ENTRADA	
Descripción:	No se observaron daños.	
Edificio:	ENTRADA	
Descripción:	No se observaron daños.	
Edificio:	ESCALERA	
Descripción:	Se observaron daños.	
Edificio:	ESCALERA	
Descripción:	No se observaron daños.	





OCULAR INSPECTION CHECKLIST

ANEJO A (cont.)

Edificio:	ESCALERA	
Descripción:	No se observaron daños.	
Edificio:	ESCALERA	
Descripción:	No se observaron daños.	
Edificio:	ESCALERA	
Descripción:	Se observaron daños.	
Edificio:	PISO 5	
Descripción:	No se observaron daños.	





OCULAR INSPECTION CHECKLIST

ANEJO A (cont.)

Edificio:	PISO 5	
Descripción:	No se observaron daños.	
Edificio:	PISO 5	
Descripción:	No se observaron daños.	
Edificio:	PISO 5	
Descripción:	Se observaron daños.	
Edificio:	PISO 5	
Descripción:	No se observaron daños.	


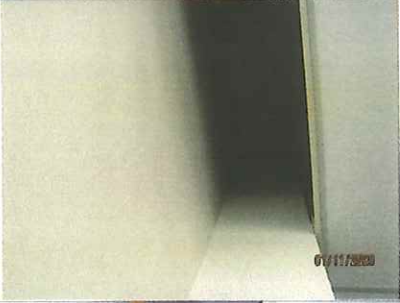


OCULAR INSPECTION CHECKLIST

ANEJO A (cont.)

Edificio:	PISO 4		
Descripción:	No se observaron daños.		
Edificio:	PISO 4		
Descripción:	No se observaron daños.		
Edificio:	PISO 4		
Descripción:	Se observaron daños.		
Edificio:	PISO 4		
Descripción:	No se observaron daños.		

OCULAR INSPECTION CHECKLIST

ANEJO A (cont.)

Edificio:	PISO 3	
Descripción:	No se observaron daños.	
Edificio:	PISO 3	
Descripción:	No se observaron daños.	
Edificio:	PISO 3	
Descripción:	Se observaron daños.	
Edificio:	PISO 3	
Descripción:	No se observaron daños.	



COLEGIO DE INGENIEROS Y AGRIMENSORES
DE PUERTO RICO

PO Box 363845 * San Juan, Puerto Rico * 00936-3845
Tel. 787-758-2250 * Fax. 787-758-7639

ESTAMPILLA DIGITAL ESPECIAL (EDE)

Ing. Victor Rodriguez Ortiz, PE



Práctica de: Ingeniería
Licencia: 21770
Renglón: Certificación
Descripción del Trabajo: Inspección y Verificación de Instalaciones
Fecha de Emisión: 2020-01-23
Monto Emitido: \$5
Número de Serie: 8782-2920-0797-9588
Número de Caso: 12666
Proyecto / Unidad: 12666 Esc. Matrullas
Rol del Profesional: Evaluador

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