



THE VIRGIN ISLANDS DEPARTMENT OF
EDUCATION

1834 Kongens Gade
St. Thomas, U.S. Virgin Islands
00802-6746

**REQUEST FOR PROPOSALS (RFP)
FOR
REPAIRS TO FIVE EDUCATIONAL CAMPUSES in the St. Croix School
District**

I. GENERAL INFORMATION

A. INTRODUCTION

The purpose of this Request for Proposals (RFP) is to solicit proposals from contractors qualified and experienced in the repair of educational facilities, the general scope of which is cosmetic in nature (i.e., limited structural, site, and MEP work).

Five educational campuses in St. Croix comprising approximately 420,000 square feet of total campus area sustained minor damage during hurricanes Irma and Maria, but extensive enough to cause it to be shuttered in the two storms' aftermaths. The campuses included in this RFP are:

- John H. Woodson Elementary School
- Pearl B. Larsen Elementary School
- Alfredo Andrews Elementary School
- Alexander Henderson Elementary School
- Eulalie R. Rivera Elementary School

In general, the scope of work will include, but not be limited to, the limited and selective demolition, removal, disposal, and replacement of: chain link fencing, ceilings (suspended and drywall), vinyl composition tile (VCT), doors and windows, electrical equipment and fixtures, HVAC units and components, metal roof deck, EPDM roofing, gutters and downspouts, and canopy components. The specific quantified scopes of work for each campus are outlined in the following Appendices:

- Appendix A – Notes to Bidders
- Appendix B – Outline Specifications
- Appendix C – Detailed Scopes of Work

Also included with this RFP are the following two documents:

- Selection Committee Rating Form
- Official Bid Form

The successful contractor will be required to provide all labor, supervision, tools, equipment, and materials to execute the work.

The repair work to these facilities will be required to be 100% complete by the firm deadline of August 28, 2018.

B. OVERALL PROJECT OBJECTIVES

The Government of the Virgin Islands via the Virgin Islands Department of Education has established the following project objectives to guide the implementation of this Project from a facility capital perspective:

1. Return the condition of all the rooms in each campus to a clean and healthy condition to allow the proper resumption of learning in these facilities;
2. Perform all of the work by August 28, 2018 to allow teachers, administrators, and support staff to return to the campus to make ready the facilities for students the following week;

The Government of the Virgin Islands emphasizes that the requirement for August 28th, 2018 occupancy is the critical objective.

Additional Services may be requested by the Government beyond those specified herein and, because of additional costs and time said additional services shall be added via an Amendment to the Contract upon negotiation and agreement between both parties and FEMA.

C. BACKGROUND AND ADMINISTRATIVE STRUCTURE

DEPARTMENT OF EDUCATION

The Commissioner of Education, Honorable Sharon A. McCollum, Ph.D, heads the Virgin Islands Department of Education, including the Virgin Islands Public School System. The Territory of the United States Virgin Islands has two (2) school districts – the St. Thomas-St. John school district and the St. Croix school district. The day-to-day operations of each school district are managed by a resident Insular Superintendent. The following contains additional information concerning the two (2) school districts:

ST. THOMAS/ST. JOHN SCHOOL DISTRICT	
Schools	14
Elementary Schools	9
Middle Schools	2
Junior High School	1
High Schools	2
Programs	3
Day Adult Program	1
Skill Center	1
Alternative Ed Program	1
Total Schools and Programs	17
Number of Students	5,054
ST. CROIX SCHOOL DISTRICT	
Schools	13
Elementary Schools	8
High Schools	2
Junior High	3
Programs	3
Adult Ed	1
Alternative Ed	1
Career and Technical Ed	1
Total Schools and Programs	16
Number of Students	5,293

<u>BOTH DISTRICTS</u>	
TOTAL NUMBER OF REGULAR K-12 SCHOOLS	27
TOTAL NUMBER OF PROGRAMS	6
TOTAL NUMBER OF STUDENTS	10,347
TOTAL NUMBER OF TEACHERS/ADMINISTRATORS	1,203

On the island of St. John, one (1) school serve the elementary and middle school student population. The senior high school students from the island of St. John are served by schools on the island of St. Thomas.

DEPARTMENT OF PROPERTY AND PROCURMENT

The Office of the Commissioner of Property & Procurement is designated and will serve as the VIDE liaison on this project. Honorable Lloyd T. Bough, Jr., Commissioner of the Department of Property and Procurement (DPP), and other personnel at DPP, will manage the bidding, negotiation, and contractual processes. VIDE's Office of the Commissioner will serve as the liaison between the selected contractor and agencies of the Virgin Islands Government in contract preparation.

The Contact Person for this RFP is:

Primary: The Honorable Lloyd T. Bough, Jr.,
Commissioner of the Department of Property & Procurement
Email:

D. CONTRACT TYPE

The contract awarded under this RFP will be a GVI Construction Contract. No payments in advance or in anticipation of services or supplies to be provided under the contract will be made by the Government.

E. CONTRACT TERMS

The term of the contract awarded under this RFP shall be for a period ending August 28, 2018.

F. PROPOSAL GUIDELINES

1. A contract shall be negotiated with a proponent deemed to be the most qualified and responsive to this solicitation. Such a Proponent is one of which has financial, technical, and other resources that indicate an ability to perform the services required by this solicitation.
2. Requests are typically advertised for 30 days but, due to exigency circumstances, the timeline has been compressed. Questions are accepted and responded to prior to bid closing at the date & time specified herein below (See Projected Timeline). A pre-bid conference date may take place early in the advertisement period, at Department of Property & Procurement's discretion in collaboration with VIDE.

3. The Government of the Virgin Islands is not liable for any cost incurred by the Proponent regarding preparation of this RFP.

5. The Government's officers, employees, or agents shall neither solicit nor accept gratuities, favors, or anything of monetary value from successful Proponents or potential vendors of any kind regarding this RFP. To the extent permissible under Local and Federal Laws, rules, or regulations, not adhering to said standards shall be grounds for appropriate penalties, sanctions, or other disciplinary actions to be firmly applied for any violations of such standards.

6. The selected Proponent shall be responsible for paying all applicable taxes and fees, including but not limited to, excise tax, local income tax, and payroll and withholding taxes for its employees. The selected Proponent shall hold the Government of the Virgin Islands harmless for any and all claims arising from payment of such taxes and fees.

7. The selected Proponent shall obtain and post as required, all licenses, insurances, permits, and certificates as required by federal and local laws, rules and regulations, and policies.

II. PROPOSAL DETAILS

The below estimated timeline for the bidding process is subject to change at the sole discretion of the Government of the Virgin Islands' Department of Property & Procurement.

ESTIMATED PROPOSAL TIMELINE

Activity	Timeline
RFP Issued:	April 11, 2018
Pre-Bid Conference in St. Croix:	April 16, 2018
Final Date and Time for Questions:	April 17, 2018
Final Date for Issuing Addenda:	April 18, 2018
RFP Closing Date and Time:	April 30, 2018 at 9:00 am
Selection of Preferred Proponent:	May 1, 2018
Contract Award:	May 3, 2018
All Work Completed and Accepted by the Government:	August 28, 2018

PROPOSAL FORMAT AND CONTENT

In addition to the information required by other components of this RFP package, each proposal must contain the following information which will form the basis of the evaluation for each Proponent:

Part I: Firm General Qualifications

- 1) Company Name, Address, Phone
- 2) Names of Principals and Key Executives and Experience and Tenure of Each
- 3) History
- 4) Revenues
- 5) Number and Types of Employees
- 6) List of Completed Projects with Details on Type, Cost, and Completion Date
- 7) List of Active Projects with Same Details
- 8) Listing of Plant and Equipment
- 9) Project References – Three references with details

Part II: Project Execution Plan

- 1) Resources
 - a. Project Management Staff – experience, numbers
 - b. Supervisory Staff – experience, campus location
 - c. Direct Labor – numbers and types of workers on each campus
 - d. Subcontractors – who, trade, staff size, campus locations, percentage of work
- 2) Sequence – will all campuses be worked on simultaneously or sequenced?
- 3) Schedule – provide a general schedule for each campus as well as an overall project schedule
- 4) Procurement – how will the Proponent obtain the necessary materials
- 5) Project Controls – how will the Proponent control schedule, quality, and cost?
- 6) Contingency Plans – what potential threats exist and how does the Proponent plan to address?

Part III: Cost Proposal:

An Official Bid Form has been provided as part of this overall RFP package for each Proponent to submit separately from his/her qualifications, according to the terms set forth in this document by the Department of Property & Procurement.

PROPOSAL EVALUATION

The contract shall be negotiated with a Proponent deemed to be the most qualified and responsive to this solicitation. Such a Proponent is one, which has financial, technical, and other resources that indicate an ability to perform the services required by this solicitation. A number of factors may influence the Government's decision in selecting the provider. These factors include, but are not limited to, Proponent's ability to deliver requested services in a timely manner; qualifications, experience, staffing, project controls, and cost

Proponents must provide all information outlined in this RFP to be considered responsive. Proposals will be evaluated based on the responsiveness of the Proponent's information to the evaluation factors,

which will demonstrate the Proponent's understanding of the evaluation factors and capacity to perform the required services for this Request for Proposals. A Selection Committee Rating Form is included as part of this RFP.

At its sole discretion the Government may award the work on all five campuses to one contractor or may split the work between two or more contractors. As a result, the Selected Proponents' contract amounts will be the combination of individual campus bid prices submitted by the Proponent that comprise his award package.

III. NON-PERFORMANCE BY SELECTED CONTRACTOR

In the event of the selected contractor's non-performance under the subsequent contract and/or the violation or breach of the contract terms, the Government shall have the right to pursue all administrative, contractual, and legal remedies against the contractor and shall have the right to seek all sanctions and penalties as may be appropriate. Further, either party shall have the right to terminate the contract with or without cause upon the agreed upon written notice to the other party specifying the date of termination.

IV. CONTRACTUAL REQUIREMENTS

All bid proposals and subsequent contract and supporting documents (if selected) must reflect the legal name of entity. Supporting documents that must be submitted prior to contract execution and within the time established by the Government shall include, but not be limited to, the following:

- (1) **Certificate of Resolution**, as to the authorized negotiator and signer of a contract.
- (2) **Current Virgin Islands Business License**(General Construction) issued to the legal name of record of the entity by the Government of the Virgin Islands, Department of Licensing and Consumer Affairs; and if applicable, copy of current business license issued by state, city or county in which the foreign corporation is operating.
- (3) One (1) current original **Certificate(s) of Good Standing/Existence**, in legal name of the Contractor by the Virgin Islands Office of the Lt. Governor, Division of Corporations and Trademarks; and if company is not locally formed, an original *Certificate of Good Standing, Certificate of Existence, or Certificate of Status* from the state of registration.
- (4) Certificate of Issuance or Renewal of Trade Name issued by the Virgin Islands Office of the Lt. Governor, Division of Corporations and Trademarks, if applicable.
- (5) **Articles of Incorporation or Organization**, as applicable; or documents governing operation.
- (6) **Certificate of Liability Insurance** indicating proof of coverage of **Professional Liability Insurance** and **General Liability/Public Liability Insurance** - each of no less than [One Million Dollars and Zero Cents (\$1,000,000.00)] for any one occurrence. The Contractor must provide a **Certificate of Liability Insurance** and **Declaration/Endorsement** pages that indicating that the Government of the Virgin Islands, Department of Education, is as “**certificate holder**” and an “**additional insured**” on the **General Liability/Public Liability Insurance**. The Professional Liability Insurance must cover the services to be provided under the contract.
- (7) Certificate of Government Insurance/Copy of Certificate providing firm/agents are covered by Workers' Compensation Employee's Liability.

- (8) In compliance to Title 31 of the Virgin Islands Code, a Bid Bond based on 5% of the Bid Amount shall apply and be provided with Bid Proposal. And, a 100% Performance & Payment Bond shall be required for execution of the Contract.

Notes:

- 1) Please note the above-referenced documents are subject to modification at the Government's discretion.
- 2) Any silence, absence, or omission from the contract specifications concerning any point shall be regarded as meaning that only the best commercial practices are to prevail.
- 3) All contractual documents including insurance certificates/policies must be kept updated and maintained throughout the term of the contract

V. ATTACHMENTS

- 1) APPENDIX A – NOTES TO BIDDERS
- 2) APPENDIX B – OUTLINE SPECIFICATIONS
- 3) APPENDIX C – DETAILED SCOPES OF WORK
- 4) APPENDIX D- GVI CONSTRUCTION CONTRACT
- 5) SELECTION COMMITTEE RATING FORM
- 6) OFFICIAL BIDS FORM

APPENDIX A - NOTES TO BIDDERS

GENERAL REQUIREMENTS

Lay Down Areas. Existing grounds may be used for material lay down and storage after consultation with and approval by the owner's representative.

Storage Rooms. The Contractor may use rooms within the buildings to store materials and equipment. Contractor shall coordinate locations with the owner's representative and shall provide his own lock or lockset. The original lockset must be reinstalled prior to completion.

Toilet Facilities. The Contractor and his crew will have use of the bathroom in the existing campus facility. Contractor shall instruct his crew to respect the facility and keep it clean, as well as stock it with toilet paper. Contractor shall return it to clean and sanitary condition upon turnover to the Government.

Site Cleanliness. The Contractor shall maintain a clean and safe site throughout the duration of the project and shall ensure that blowing debris, trash, and dust be kept to a minimum. The site shall be returned to its original condition, or better, upon completion of the project.

Dumpsters. The Contractor shall arrange for and be responsible for all costs associated with debris removal, collection, transportation, and disposition.

Noise. The Contractor shall take measures to limit noise to acceptable levels especially in residential areas.

Scaffolding. Contractor shall be responsible for providing all scaffolding or other equipment required to properly execute the scope of work.

EXISTING CONDITIONS

Utilities. Each campus will have power, water, and sanitary services available for use by the Contractor. The Government shall bear the costs of Contractor's use of these services during construction.

Security. The Contractor shall be solely responsible for protection and security of all materials, equipment, and completed work for the duration of the project until handover to the Government.

Safety. The Contractor shall implement a safety program to ensure the welfare of workers and guests throughout the construction period.

Protection of Adjacent Work. Contractor shall ensure that areas not designated to receive repair work shall remain undamaged. Any damage to these areas shall be repaired by the Contractor at his own expense to the satisfaction of the owner.

Protection of Landscaping. Contractor shall ensure that landscaping and all existing site features be protected during construction and that any damage incurred by the Contractor or his subs be repaired or replaced at his expense to the satisfaction of the owner.

Unforeseen Conditions. Contractor shall immediately notify the owner upon discovery of any conditions beyond the contracted scope of work or that present a health or safety issue.

Subcontractors. Contractor shall include in his/her proposal a list of subcontractors he/she is planning on using for the work.

APPENDIX B – OUTLINE SPECIFICATIONS

GENERAL REQUIREMENTS

Demolition. As specified in the scope of work, all damaged materials shall be removed and disposed of according to these Specifications. Care shall be taken to protect all existing areas not scheduled to be demolished.

Disposal. The Contractor shall be responsible for the transportation of all demolished materials to a licensed facility for final deposition. Any and all disposal fees shall be borne by the Contractor.

Cleaning. All walls, floors, and other specified surfaces shall be cleaned and sanitized using water-based anti-bacterial solvents, approved by the owner.

Professional Services. Should any repair work require design or specification by an architect or engineer, the Contractor shall engage, at his own expense, the services of a USVI licensed professional.

SITE CONSTRUCTION

Fencing. All new chain link fencing shall be of the same material and dimensions as the existing and shall be properly installed according to industry standards.

CONCRETE

Ready-mix Concrete. Concrete shall be manufactured, transported, placed, and finished in accordance with the most current American Concrete Institute specifications.

METALS

Metal Roof Deck. Existing damaged metal roof deck shall be removed and replaced with identical deck (or similar deck approved by the owner). Contractor shall submit proposed manufacturer and deck model specifications to the owner for review prior to purchase and installation.

Metal Structures. Where metal canopy (steel or aluminum) or other exterior structures are damaged and require replacement, the Contractor shall replace with identical pieces and shall submit shop drawings to the Government for approval prior to installation.

WOODS AND PLASTICS

Door and Window Casing. Doors and windows scheduled to have wood casing replaced shall be manufactured from Southern Pine and shall be primed and painted (2 coats) with paint to match the existing.

THERMAL AND MOISTURE PROTECTION

Roofing. Roofing materials requiring replacement shall be of the same type as the existing materials scheduled to remain. Repaired areas shall be installed according to manufacturer's recommendations to ensure a watertight transition between existing and new roofing.

Gutters and Downspouts. All new sections shall be the same size and material to be compatible and match existing components.

DOORS AND WINDOWS

Doors. All replacement wood and metal doors shall match the existing and shall be submitted to the owner for approval.

Windows. All replacement wood and aluminum windows shall match the existing and shall be submitted to the owner for approval.

Exterior Roll-Up Shutters. All replacement shutters shall match the existing and shall be submitted to the owner for approval.

CABINETRY

Cabinets. All custom cabinets shall be replaced with modular units if possible. Such cabinets assemblies shall be submitted to the owner for review and approval.

Countertops. All countertops shall be replaced with plywood/particle board bases with laminate finish with built-in backsplashes. Laminate color to be specified by the owner.

FINISHES

Drywall. All new drywall shall be 1/2" or 5/8" thick (depending on the thickness of the existing or adjacent material) moisture resistant boards screwed to existing framing using drywall screws at 12" on center, maximum.

Acoustic Ceilings. In all areas requiring removal and replacement of the suspended acoustic ceiling, the entire grid system and damaged and undamaged tiles in the designated room shall be removed. The supporting wires may remain in place and be reused if their condition is adequate.

The new grid system shall match the previous system. If information is not available, then the Contractor shall use a white grid system and Radar model panels by United States Gypsum (USG), or approved equal.

Resilient Flooring. Unless otherwise specified, new resilient flooring shall be: 1) Homogeneous sheet goods shall be: "Almond" (84163), by Armstrong, and 2) Vinyl composition tiles shall be 1/8", 12" x 12", "Classics Shelter White" (51836), by Armstrong, or approved equal. Surface preparation and installation shall be per manufacturer's recommendations.

Paint. All surfaces to receive new paint shall first be primed with the appropriate material and two finish coats (minimum) shall be applied.

MECHANICAL

A/C Split Systems: All new split systems requiring replacement shall be sourced according to the project specifications and installed according to industry standards using approved refrigerants. Contractor shall submit proposed itemized list of units to be sourced for approval.

ELECTRICAL

Equipment. All panel boxes, breakers, switches, transformers, generators, and other electrical equipment requiring replacement per the projects scope shall be submitted to the owner for approval prior to purchase and replacement.

Fixtures. All fixtures requiring replacement, including, but not limited to, lights and ceiling fans, shall be submitted to the owner for approval.

APPENDIX C – SCOPE OF WORK

The following pages, prepared by AECOM, detail the scope of work for this RFP.

Site 02 - Alfredo Andrews Elementary School

Hurricane Maria



11A Estate Friedensburg, St Croix 00820, U.S. Virgin Islands

Site

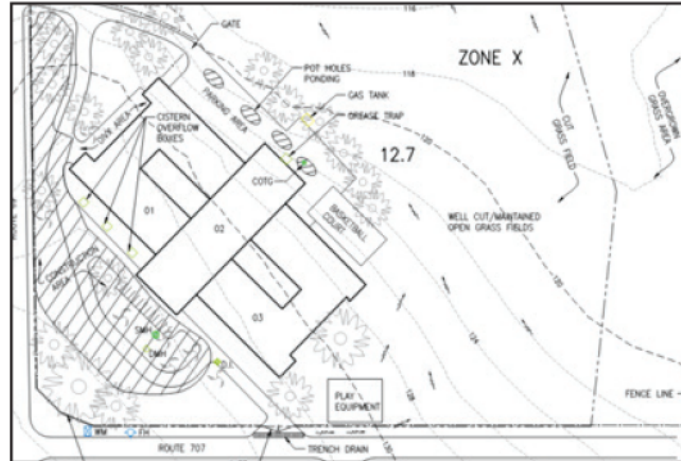
Alfredo Andrews Elementary School

Green

Damage Rating

Feasible to be completed in the time-frame given. This is contingent of awarding and executing contract to start work in the next 30 days

Damage Rating Justification



Building Description

Building 01, 02, & 03 : 75,000 SF Approximately

Building Structure:

Floors: Reinforced Concrete Slab. *Walls:* Concrete Masonry Units and Reinforced Concrete Tie Beams, No Tie Columns Visible. *Roof:* Built-Up Gravel Roofing Over Reinforced Concrete On Steel Decking Over Open Web Steel Joists. Sloped Metal Roofing Over Wood Framing Has Been Added Over Original Flat Roof. Building 02, Single-Ply Roofing Membrane Over Reinforced Concrete On Steel Decking Over Open Web Steel Joists.

Building Interior:

Ceilings: 2'x4' Acoustical Drop Ceiling at 8'x10" Above Finished Floor, Unless Noted Otherwise. Cafeteria and Auditorium Ceilings, 2'x4' Acoustical drop Ceiling at 13'-10" Above Finished Floor. *Walls:* Paint Over Concrete Masonry Unit Walls. *Floors:* 12x12 Composition Tile.

Overview of Required Repairs

Building Interior

Affected area to be cleaned and sanitized 66,671 SF

Ceiling tile to be replaced 55,135 SF

Ceiling tile suspension grid to be replaced 10,500 SF

VCT floor tiles to be replaced 21,605 SF

VCT floor tiles to be cleaned 8,961 SF

Building Interior

Repair Windows 8 Units

Replace Doors 3 Units

Repair Door Vision Panels 12 Units

Building Site

8' High Chain Link Fence Replacement 1,025 LF

6' High Chain Link Fence Replacement 100 LF

Building Exterior and Roof

Metal Roofing Repair 4,000 SF

Roofing Membrane Repairs 50 SF

Roof Gutter Replacement 260 LF

Down Spout Replacement 60 LF

Exterior Paint 2,100 SF

Mechanical Systems:

Affected HVAC units to be repaired and or replaced as needed.
Duct work to be cleaned and sanitized.

Electrical Systems:

Electrical systems exhibit evidence of damage. Life safety upgrades to impacted systems to comply with current applicable codes

Government of the United States Virgin Islands
Task Order 009 for Modular/Spring Site Assessments for the Department of Education

Site 02 - Damage Log

Date: March 23, 2018
Facility Name: Alfredo Andrews Elementary School
Location: 11A Estate Friedensburg (Christiansted) / 17.73589 - 64.78163

Buildings 01, 02, & 03 EXTERIOR - Building Structure Floors: Reinforced Concrete Slab, Walls: CMU and Reinforced Concrete Tie Columns and Beams, Roof: Open Webb Steel Joists, Concrete Deck Over Metal Deck, Asphalt Gravel Roofing, Sloped Metal Roofing Over Wood Framing Appears to Have Been Added Over Original Asphalt Flat Roof.

Buildings 01, 02, & 03 INTERIOR - Ceilings: 2' x 4' Acoustical Drop Ceiling at 8'-10" AFF Unless Noted Otherwise, Floors: 12" x 12" Vinyl Composition Tile, 6"x6" Quarry Tile, Walls: Paint Over CMU Walls.

Bldg No.	Room No.	SF	Ceiling Height Noted/ Remarks	Level	Replace Ceiling tiles	Replace Ceiling tiles and Grid	Replace VCT	Clean VCT, Quamy or Concrete	Replace Door vision Panel	Window Glass Replacement	Structural Floor Slab Investigation Needed	Potential Mold Investigation Needed	Clean Courtyard	Replace Louver	Replace Rusted Deck	Fix Smoke Vent	Replace Exterior or Interior Doors	Replace Fire Extinguisher	CMU Repair	Interior Roof Leak Channeling Repair
01	01-001	370		1	370															
01	01-002	310		1										1						
01	01-003	610			610		610													
01	01-004	NOT ACCESSIBLE AT TIME OF SITE VISIT		1																
01	01-005	620		1																
01	01-006	2200		1	2200				1											
01	01-007	750		1	750															
01	01-008	230		1																
01	01-009	630		1	800		800													
01	01-010	NOT ACCESSIBLE AT TIME OF SITE VISIT	NOT INCLUDED IN PHOTOS	1																
01	01-110	800		1	800		800													
01	01-111	800		1	800															
01	01-112	925		1	925															
01	01-313A	NOT ACCESSIBLE AT TIME OF SITE VISIT		1																
01	01-114	850		1	850															
01	01-101	820		1	820		820		1											
01	01-102	800		1	800		800		1											
01	01-103	800		1	800						800									
01	01-104	800		1	800		800		1											
01	01-105	800		1	800					2	800									
01	01-106	800		1	800				1											
01	01-107	800		1	800															
01	01-108	800		1	800				1											
01	01-109	800		1	800		800		1											
01	01-GIRLS	280		1	800															
01	01-BOYS	280		1	800															
01	01-CORRIDOR 01	1230		1	1230			1230	1											
01	01-CORRIDOR 02	850		1	850		850													
01	01-CORRIDOR 03	1230		1	1230		1230				1	1							3	
01	01-COURT YARD	4000		1									14000							
01	01-CORRIDOR 04	1300	NOT INCLUDED IN PHOTOS	1																

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02	02-001	392		1										2	392					
02	02-002	1390		1	1390			1390												
02	02-003	NOT ACCESSIBLE AT TIME OF SITE VISIT		1	100%			100%												
02	02-004	200		1	200															
02	02-005A	240	NOT INCLUDED IN PHOTOS	1																
02	02-005B	240	NOT INCLUDED IN PHOTOS	1																
02	02-006	4370	13'-10"	1		4370		4370												
02	02-007	3520	13'-10"	1		3520	3520				1									
02	02-008	872	13'-10"	1	872											1				
02	02-009	90		1	90															
02	02-010	120		1	120			120												
02	02-011	160		1	160															
02	02-012	72	NOT INCLUDED IN PHOTOS	1																
02	02-013	72	NOT INCLUDED IN PHOTOS	1																
02	02-014	980		1		980														
02	02-015	980		1		980														
02	02-CORRIDOR 01	800		1	800		800													
02	02-CORRIDOR 01	1300		1	1300		1300													
02	02-CORRIDOR 03	1300		1	1300		1300													

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03	03-001	480		1	480															
03	03-002	220		1	220															
03	03-003	1400	13'-10"	1	1400		1400													
03	03-004	115		1	115		115													
03	03-005	80		1	80															
03	03-006	30		1		30														
03	03-007	30		1	30															
03	03-008	630		1	630															
03	03-009	620		1		620											1			
03	03-201	930		1	930		930													
03	03-202	900		1	900		900													
03	03-203	NOT ACCESSIBLE AT TIME OF SITE VISIT		1																
03	03-204	675		1	675															
03	03-205	800		1	800				1											
03	03-206	800		1	800				1											
03	03-207	800		1	800				1											
03	03-208	918		1	918															
03	03-209	900		1	900															
03	03-210	930		1	930					2										
03	03-211	900		1			900													
03	03-212	430		1	430					2										
03	03-213	150		1	150															
03	03-214	900		1	900					1										
03	03-215	920		1	920			920												
03	03-216	730		1	730															
03	03-217	930		1	930			930												
03	03-BOYS	280		1	280															
03	03-GIRLS	280		1	280															
03	03-CORRIDOR 01	1230		1	1230		1230											3		
03	03-CORRIDOR 02	850		1	850		850													
03	03-CORRIDOR 03	1230		1	850		850													
03	03-COURT YARD	4000		1									4000				2		3	1
TOTAL	01, 02, 03	66671	*	All on Level 1	44625	10500	21605	8961	12	7	1602	21	18000	3	392	1	3	3	6	1

Government of the United States Virgin Islands

Task Order 009 for Modular/Spring Site Assessments for the Department of Education

Site 02 - Damage Log

Date:March 23, 2018

Facility Name:Alfredo Andrews Elementary School

Location:11A Estate Friedensburg (Christiansted) / 17.73589 - 64.78163

Buildings 01, 02, & 03 EXTERIOR - Building Structure Floors: Reinforced Concrete Slab. Walls: CMU and Reinforced Concrete Tie Columns and Beams. Roof: Open Webb Steel Joists, Concrete Deck Over Metal Deck, Asphalt Gravel Roofing. Sloped Metal Roofing Over Wood Framing Appears to Have Been Added Over Original Asphalt Flat Roof.

Buildings 01, 02, & 03 INTERIOR - Ceilings: 2' x 4' Acoustical Drop Ceiling at 8'-10" AFF Unless Noted Otherwise. Floors: 12' x 12" Vinyl Composition Tile, 6"x6" Quarry Tile. Walls: Paint Over CMU Walls.

EXTERIOR AND SITE						
Damage No.	CMU Repair (LF)	Antenna Replacement	Sign Replacement	Chain-Link Fence Replacement	Paint Repair (AREA)	Window Replacement
Ext 01	15					
Ext 02					12'-0" x 45'-0"	
Ext 03					12'-0" x 85'-0"	
Ext 04		1				
Ext 05		1				
Ext 06	6					
Ext 07						1
Ext 08	6					
Ext 09				(1) 8'-0" x 100'-0"		
Ext 10				(1) 8'-0" x 100'-0" (1) 8'-0" x 40'-0"		
Ext 11				(1) 8'-0" x 40'-0"		
Ext 12				(1) 6'-0" x 50'-0"		
Ext 13				(1) 8'-0" x 40'-0"		
Ext 14				(1) 8'-0" x 10'-0"		
Ext 15				(1) 8'-9" x 60'-0"		
Ext 16				(1) 8'-0" x 80'-0"		
Ext 17				(1) 8'-0" x 100'-0"		
Ext 18				(1) 8'-0" x 100'-0"		
Ext 19				(1) 8'-0" x 40'-0"		
Ext 20				(2) 8'-0" x 40'-0"		
Ext 21				(1) 8'-0" x 10'-0" (1) 8'-0" x 40'-0"		
Ext 22			1			
Ext 23				(1) 8'-0" x 20'-0"		
TOTALS	27	2	1	8x1025' 6x90'	2100 SF	1

Government of the United States Virgin Islands
Task Order 009 for Modular/Spring Site Assessments for the Department of Education

Site 02 - Damage Log

Date: March 23, 2018
Facility Name: Alfredo Andrews Elementary School
Location: 11A Estate Friedensburg (Christiansted) / 17.73589 - 64.78163

Buildings 01, 02, & 03 EXTERIOR - Building Structure Floors: Reinforced Concrete Slab. Walls: CMU and Reinforced Concrete Tie Columns and Beams. Roof: Open Webb Steel Joists, Concrete Deck Over Metal Deck, Asphalt Gravel Roofing. Sloped Metal Roofing Over Wood Framing Appears to Have Been Added Over Original Asphalt Flat Roof.

Buildings 01, 02, & 03 INTERIOR - Ceilings: 2' x 4' Acoustical Drop Ceiling at 8'-10" AFF Unless Noted Otherwise. Floors: 12" x 12" Vinyl Composition Tile, 6"x6" Quarry Tile. Walls: Paint Over CMU Walls.

ROOF											
Damage No.	Remarks	Roofing Membrane Repair (SF)	A/C Unit Condensate Line Replacement	Roof Gutter and Drip Edge Replacement (LF)	Ridge Vent Screen Damaged	Gutter Clips Replacement (LF)	Gutter Cleaning	Drain Leader Replacement (LF)	A/C Unit Shift Back	Roof Panel Repair (LF or AREA)	Ridge Cap Repair (LF or Unit)
01						40					
02						40					
03							100%				
04		1' x 1'									
05			1								
06	NO COMMENTS										
07								10' with 4" Diameter			
08								20' with 4" Diameter			
09								15' with 4" Diameter			
10								12' with 4" Diameter			
11		5'-0" x 5'-0"									
12		(2) 1'-0" x 1'-0"									
13				20 LF							
14									1		
15							100%				
16										20'-0"x 40'-0"	
17										(2) 40'-0" x 40' 0"	
18											1 Unit
19											10 LF
20											10 LF
21											10 LF
22							100%				
23											
24				100%			100%				
25				100%							
26				40 LF							
27											1 Unit
28				20 LF							
29										12 LF	
30				40 LF							
31				60 LF							
32					1						
33					1						
34											
TOTALS	43209	28	1 (Length not Noted)	180 + 2 Instances Length Not Noted	2	81	4	57	1	4000 SF + 12 LF	30 LF + 2 Unit

BENGOA INTERNATIONAL, INC.

***6041 Castle Coakley
CHRISTIANSTED, VI 00823
340-778-3404 / 340-513-3223
edgar.bengoa@gmail.com***

March 15, 2018

Alfredo Andrew Elementary School

On Thursday March 08, 2018 status report of the entire school Air-Conditioning units.

Classroom

66- Window unit 24000 BTU (not working, they may needs to be replaced there was no power at time of the inspection on one wing of the school).

Main and Principal office (3 Mini Split unit) working.

Auditorium and cafeteria

Roof south/west (2 package unit)

One side: York model: ZF150C00A2AAA5A) volt-208-230-3, it needs a completed maintenance (cleaned, sanitized and disinfected).

Other side north/west model: ZF150C00A2AAA5A, total damaged and needs to be replaced.

Roof

North East (1 package unit) York model: ZF240C000A4AAA1B, volt -460-3

The whole unit needs to be replaced is missing parts.

*Due to the damages received by the 2 Hurricanes we are not responsible for what could happens later with the working units.

Item #	Room	Equipment	Manufacturer	Replace	Possible Risk	Signs of Corrosion	Signs of Overheating	Thermal Image	Grounding Issue	Photo	Notes / Recommendation
1	Outside	WAPA Padmount Transformer, Oil Field. 13.x kV - 480Y/277	ABB	No	Yes	No	No	No	UNK	AA-01	Chain Link fence around medium voltage transformer is down and the equipment is being enveloped with vegetation. This presents a possible risk to damage to transformer and people.
2	Main Electrical / Generator	450 kW / 562.5 kVA Diesel GenSet. Model 450.0 DFW 4XR/10874B	Cummin-Onan	Yes	Yes	Yes	No	No	Yes	AA-02	Generator does not appear to have been in operation for some time. Corrosion is fairly extensive. The size does not appear to provide power necessary for the entire load (based on distribution panel). Automatic Load shedding is not present. Replacement of Generator is recommended. Load analysis should be conducted prior to specifying a replacement.
3	Main Electrical / Generator	2000A, 480Y/277V, 4W, Switchboard (Safety Switch)	GE	No	No	No	The	No	No	--	The switch is in good shape as is the incoming feed (5 sets of 4#500MCM). Thermal imaging of the terminations is recommended as a preventative maintenance measure.
4	Main Electrical / Generator	800A, 480Y/277 Load Transfer Switch. Model #LTC800-4X / 196300. Onan Service #0872494493.	ONAN	No	No	Slight	No	No	No	--	The Load Transfer Switch is in decent shape and shows no signs of water intrusion. The lugs are slightly corroded. The equipment ground scheme uses bonding bushings in the entry and exit conduits. This is an acceptable method of equipment ground.
5	Main Electrical / Generator	2000A, 480Y/277V, 4W, Distribution Switchboard. MLO	GE	No	No	Yes	No	No	No	AA-05A, AA-05B	The switchboard is in good shape and shows no signs of water intrusion. The bus bars and main lugs look good. Specific breakers do show corrosion on the lug bolts and the cables are extremely dusty. Thermal imaging should be performed to identify problem areas. Breakers should be cleaned and lug bolts replaced if necessary. The cabinet is missing a panel piece, exposing live breaker terminals and allowing dust intrusion. A panel cover should be installed.
										AA-05C	Some ground bushings are corroded and there are too many grounds in a single ground lug. This is a possible risk as well as a code violation. New bushings should be installed where necessary and ground bushings should be bonded to an equipment ground bar in the switchboard. All other grounds should be routed to the ground bar and not the bushing.
6	Main Electrical / Generator	75 kVA. 480-208Y/120. Catalog #T-1-533314-3	ACME Electric	No	No	No	No	No	No	AA-06	Transformer looks good. There is a corroded bolt connection to the middle coil. This should be thermal imaged and if necessary clean the connectin and replace the bolt.
7	Main Electrical / Generator	75 kVA. 480-208Y/120. Catalog #T-1-533314-3	ACME Electric	No	No	No	No	No	No		Transformer looks good.
8	Main Electrical / Generator	75 kVA. 480-208Y/120. Style #V48M28T75F	Westinghouse	No	--	--	--	--	--	--	Could not get access to this transformer for inspection. No obvious exterior signs of an issue.

Item #	Room	Equipment	Manufacturer	Replace	Possible Risk	Signs of Corrosion	Signs of Overheating	Thermal Image	Grounding Issue	Photo	Notes / Recommendation
9	Main Electrical / Generator	75 kVA, 480-208Y/120, Style #V48M28T75F	Westinghouse	No	--	--	--	--	--	--	Could not get access to this transformer for inspection. No obvious exterior signs of an issue.
10	Main Electrical / Generator	70A, breaker disconnects (Qty = 3). Cat #TE100S with 70A breaker.	GE	No	No	No	No	No	No	--	All three (3) of these circuit breakers and connectins look really good. There is an unterminated connection in one of the breakers (far right), however it is taped off. Should wire nut and then tape off.
11	Main Electrical / Generator	Timing Contactor (Qty=2)	Paragon	No	No	No	No	No	No	--	Both of these units are in very good condition.
12	Main Electrical / Generator	100A, 208-120 Distribution Panel. MCB. Cat #NLAB	GE	No	See Note	No	No	No	No	--	Panel looks in decent shape. There are two breaker blank covers missing and is allowing dust intrusion. Blank covers need to be installed.
13	Main Electrical / Generator	9kVA, 480-208Y-120 XFMR. Model #9121A4006	GE	No	No	No	No	No	No	--	Transformer is showing signs of corosion on the exterior, but looks sound. Did not open up transformer for inspection.
14	Main Electrical / Generator	200A, 208V MCB.	GE	No	See Note	No	No	No	Possible	AA-14	The cover is off of this panelboard exposing the panel and terminations to dust and moisture. Despite this, the panel bus and connections look good. The wire management makes any troubleshooting difficult as well as masking any possible risks. Replace cover and clean up wire management. Main Breaker connection does have a lot of dust. Connections should be thermal imaged and cleaned/repaired as necessary.
15	Main Electrical / Generator	45 kVA, 480-208Y-120 dry transformer. Model #9123B3873	GE	No	No	No	No	No	No	--	Transformer is in good condition.

Itemized List - Alfredo Andrews Elementary School

	Description	CSI Number	Qty	Unit
1	Scaffolding, steel tubular, regular, accessory, guardrail post, buy	01542 370 1550	25	Ea.
2	Scaffolding, steel tubular, regular, accessory, screw jack & plate, buy	01542 370 1650	50	Ea.
3	Scaffolding, steel tubular, regular, accessory, plank, buy, 2" x 10" x 16' long	01542 370 1800	25	Ea.
4	Selective demolition, chain link fences & gates, fence, posts, steel in concrete	02411 362 1000	90	Ea.
5	Selective demolition, chain link fences & gates, fence, fabric & accessories, fabric, to 8' high	02411 362 1100	910	L.F.
6	Selective demolition, rubbish handling, dumpster, 40 C.Y., 10 ton capacity, weekly rental, includes one dump per week, cost to be added to demolition cost	02411 919 0840	25	Dump
7	Concrete crack repair, structural repair by epoxy injection (ACI RAP-1), suitable for horizontal, vertical and overhead repairs, up to 1/8" (0.125") wide x 6" deep, manual injection with 2-part epoxy cartridge, excludes prep	03013 071 1420	33	L.F.
8	Unit masonry stabilization, structural fabric method, primer	04012 041 0310	1560	S.F.
9	Unit masonry stabilization, structural fabric method, apply filling/leveling paste	04012 041 0320	1560	S.F.
10	Cleaning masonry, new construction, medium construction dust, by chemical, brush and rinse, excludes scaffolding	04013 020 0220	66671	SF
11	Cleaning masonry, light restoration, average soil, biological staining, by chemical, low pressure wash, brush and rinse, excludes scaffolding	04013 020 0270	1560	S.F.
12	Selective metals demolition, manufactured or fabricated specialty item, 21-40 lb, remove whole or cut up into smaller pieces, excl shoring, bracing, cutting, loading, hauling, dumping	05050 510 0350	20	Ea.
13	Drilling holes in steel for anchors, up to 1/4" deep, 5/8" diameter, incl bit & layout, excludes anchor	05052 115 1950	20	Ea.
14	Drilling holes in steel for anchors, 5/8" diameter, incl bit & layout, excludes anchor, for each additional 1/4" depth, add	05052 115 1955	32	Ea.

Itemized List - Alfredo Andrews Elementary School

	Description	CSI Number	Qty	Unit
15	Welding structural steel in field, cost per welder, 1/8" dia, type 6011, excl operating engineer	05052 190 0020	10	Hr.
16	Welding structural steel in field, single pass, 0.3 lb/LF, 1/4" thick, continuous fillet, down welding, type 6011	05052 190 1500	150	L.F.
17	High strength bolt, 1/2" dia x 1-1/2" L, A325 Type 1, incl washer & nut	05052 325 0100	20	Ea.
18	Metal floor decking, steel, non-cellular, composite, galvanized, 1-1/2" D, 18 gauge	05311 350 5120	400	S.F.
19	Selective demolition, thermal and moisture protection, downspouts, including hangers	07050 510 0120	60	L.F.
20	Selective demolition, thermal and moisture protection, gutters, metal or wood, edge hung	07050 510 0420	260	L.F.
21	Selective demolition, thermal and moisture protection, roof edge, drip edge	07050 510 2220	260	L.F.
22	Steel roofing panels, on steel frame, flat profile, zinc aluminum alloy finish, 1-3/4" standing seams, 10" wide, 22 gauge	07411 320 0735	4120	S.F.
23	APP modified bituminous membrane, smooth surface flashing, 170 mils, torched	07521 310 2300	100	S.F.
24	Steel downspouts, galvanized, round, corrugated, 5" diameter, 26 gauge	07712 310 5100	60	L.F.
25	Galvanized steel gutters, half round or box, stock, 5" wide, 26 gauge	07712 330 2700	260	L.F.
26	Drip edge, galvanized, mill finish, 8" wide	07714 310 0500	260	L.F.
27	Roof vents, mushroom shape, for built-up roofs, aluminum	07722 310 0020	50	Ea.
28	Door demolition, interior wood door, 1-3/4" x 3'-0" x 6'-8", remove	08050 510 1000	3	Ea.
29	Window demolition, aluminum, to 25 S.F.	08050 520 0240	11	Ea.
30	Doors, hollow metal, commercial, steel, flush, full panel, hollow core, for vision lite, add	08131 313 0120	12	Ea.
31	Door, wood, architectural, flush, interior, hollow core, 7 ply, H.P. plastic laminate, 1-3/8", 3'-0" x 6'-8"	08141 609 1780	3	Ea.

Itemized List - Alfredo Andrews Elementary School

	Description	CSI Number	Qty	Unit
32	Windows, aluminum, commercial grade, stock units, awning type, standard glass, 3'-0" x 4'-0" opening, incl. frame and glazing	08511 320 3910	8	Ea.
33	Door hardware, school, single, interior, regular use, incl. lever handle	08712 015 2500	3	Door
34	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	09050 510 1200	54005	S.F.
35	Flooring demolition, vinyl composition tile, 12" x 12"	09050 520 0900	21605	S.F.
36	Suspended acoustic ceiling tiles, mineral fiber tile, lay-in, fine texture, 2' x 2' or 2' x 4', 3/4" thick	09512 310 1125	54005	S.F.
37	Acoustic ceiling grid, 2' x 2'	09532 330 0300	10500	S.F.
38	Flooring, vinyl composition tile, marbleized, 12" x 12" x 1/8"	09651 919 7350	21605	S.F.
39	Paints & coatings, walls, concrete masonry units (CMU), smooth surface, first coat, latex, roller	09911 390 0410	1560	S.F.
40	Signs, exterior, custom, interior illuminated, on pedestal, 84" x 30" x 12", not including foundation	10141 910 8100	1	Ea.
41	Fire equipment cabinets, portable extinguisher, single, steel box, recessed, D.S. glass in door, aluminum door & frame, 8" x 12" x 27", excludes equipment	10441 353 1000	3	Ea.
42	Fire extinguishers, dry chemical, pressurized, ABC all purpose type, portable, 9-1/2 lb	10441 613 2080	3	Ea.
43	Exterior shutters, roll-up, manual operation, aluminum, 3' x 4', includes frame	10711 319 0020	3	Ea.
44	Metal ductwork, fabricated rectangular, 500 to 1000 lb., aluminum alloy 3003-H14, incl fittings, joints, supports & allow for a flexible connections field sketches, excludes as-built drawings and insulation	23311 313 0120	1000	LB
45	Fans, roof exhauster, centrifugal, aluminum housing, bird screen, back draft damper, direct drive, 1/4" S.P., 320 CFM, 12" galvanized curb, 11" sq. damper	23341 610 7100	2	Ea.
46	Split ductless system, cooling only, single zone, wall mount, 2 ton cooling	23812 610 0150	3	Ea.

Itemized List - Alfredo Andrews Elementary School

	Description	CSI Number	Qty	Unit
47	Generator set, diesel, 3 phase 4 wire, 277/480 V, 125 kW, incl battery, charger, muffler, & day tank, excl conduit, wiring, & concrete	26321 313 2400	1	Ea.
48	TV systems, antenna, pole, 10'	27413 310 5130	2	Ea.
49	Fence, chain link industrial, galvanized steel, 6 ga. wire, 2" posts @ 10' OC, 6' high, includes excavation, & concrete, excludes barbed wire	32311 320 0800	50	L.F.
50	Fence, chain link industrial, galvanized steel, 6 ga. wire, 2-1/2" posts @ 10' OC, 8' high, includes excavation, in concrete, excludes barbed wire	32311 320 0920	860	L.F.
51	Fence, chain link, line posts, 16 ga., steel, galv, 3" x 21 x 0.203 wall, set in concrete, includes post cap and excavation	32311 365 0430	90	Ea.

Site 06 - Alexander Henderson Elementary School

73, Frederiksted, St Croix 00840, USVI

Hurricane Maria

AECOM

Red - Contingent*
Damage Rating

May be feasible after design and review

Damage Rating Justification

Structural: Structural steel roof decking was observed to be completely rusted though and one exposed location. This location was in the immediate vicinity of an abandoned roof vent. Additional structural evaluation will be required of this condition as well as destructive evaluation of all areas to determine extent.

Asbestos: 9"x9" composition floor tile was observed in some locations within the school. Due to this tile configuration and the age of the reference structure, additional destructive evaluation and testing will be required to determine if asbestos is present in this material as well as to determine the extent of its existence in this structure.

*On-site assessment identified potential asbestos-containing materials. Testing is required to confirm. The schedule will extend beyond August 1, 2018 if abatement or encapsulation is required to comply with federal environmental regulations

Site

Alexander Henderson Elementary School



Structural

Rusted Steel Decking



Potential Asbestos

9"x9" Asbestos Tile



Building Description

Building 01, 02, & 03. Main Classroom Building : 75,000 SF Approximately

Building Structure:

Floors: Reinforced Concrete Slab. **Walls:** Concrete Masonry Units and Reinforced Concrete Tie Beams, No Tie Columns Visible. **Roof:** Single-Ply Roofing Membrane Over Reinforced Concrete On Steel Decking Over Open Web Steel Joists.

Building Interior:

Ceilings: 2'x4' Acoustical Drop Ceiling at 8'x10" Above Finished Floor, Unless Noted Otherwise. Cafeteria and Auditorium Ceilings, 2'x4' Acoustical drop Ceiling at 13'-10" Above Finished Floor. **Walls:** Paint Over Concrete Masonry Unit Walls Interior and Exterior. **Floors:** 12x12 Composition Tile. Some Areas Were Observed to have 9"x9" Composition Tile.

Overview of Required Repairs

Building Interior

Affected area to be cleaned and sanitized	67,784 SF
Ceiling tile to be replaced	37,356 SF
Ceiling tile suspension grid to be replaced	18,725 SF
VCT floor tiles to be replaced	25,575 SF
VCT floor tiles to be cleaned	22,635 SF

Building Exterior and Roof

Roofing Membrane Repairs	3,291 SF
Roof Gutter Replacement	320 LF
Roof Drip Edge Replacement	425 LF
Down Spout Replacement	40 LF

Building Site

8' High Chain Link Fence Replacement	1,025 LF
6' High Chain Link Fence Replacement	100 LF

Mechanical Systems:

Affected HVAC units to be repaired and or replaced as needed. Duct work to be cleaned and sanitized.

Electrical Systems:

Electrical systems exhibit evidence of damage. Life safety upgrades to impacted systems to comply with current applicable codes

Government of the United States Virgin Islands
Task Order 009 for Modular/Spring Site Assessments for the Department of Education

Site 06 - Damage Log

Date: March 23, 2018
Facility Name: Alexander Henderson Elementary School
Location: No. 31, Estate Concordia (Frederiksted) / 17.70286 - 64.86736

Buildings EXTERIOR - Structural Investigation Needed before replacement of rusted structural joists and deck
Buildings INTERIOR - Structural, Mold, and Asbestos Investigations required. Site Vandielism was seen and General Cleaning of structure is needed.

Bldg No.	Room No.	SF	Ceiling Height Noted / Remarks	Level	Replace Ceiling tiles	Replace Ceiling tiles and Grid	Replace VCT	Clean VCT (1x1), Quarry, or Concrete	Remove FF&E	Replace Rusted Deck	Replace Locksets (#)	CMU Repair Settlement Cracking (LF)	Replace Window	Replace Fire Extinguisher	Replace Ceiling Grid	Repair Wall and Paint	Replace Ceramic or Quarry Floor Tiles	Replace Rusted Joists	Replace Cabinetry and Countertop (LF)	Paint Doors and Frames	Replace Exterior or Interior Doors	Structural / Floor Slab Investigation Needed	Replace Light Fixtures	Replace Floor Base (LF)	Potential Mold Investigation Needed	Potential Asbestos Investigation Needed	Replace Louver
01	01-001	460		1	460		460		460		1								15								
01	01-002	220		1																							
01	01-003	1375	13'-10"	1		1375			1375				(1) 3x5'			343.75	1375										
01	01-004	130		1		26			130																		
01	01-005	80	NOT INCLUDED IN PHOTOS	1																							
01	01-006	30	NOT INCLUDED IN PHOTOS	1																							
01	01-007	30	NOT INCLUDED IN PHOTOS	1																							
01	01-008	630		1				630	630																		
01	01-009	620		1		465		620	620		3																
01	01-201	920		1			920		920							300											
01	01-202	900		1	290	200		900								209	900		10	2							
01	01-203	800		1				800	800		1	10															
01	01-204	675		1	50	25	168.75	675	675				(1) 3x5'			300											
01	01-205	800		1				800	800																		
01	01-206	918		1	459		229.5	918	918		1																
01	01-207	800		1	800		800		800																		
01	01-208	800		1	800			800	800																		
01	01-209	900		1			45	900	900																		
01	01-210	900		1			45	900	900																		
01	01-211	920		1	92		920		920			10															
01	01-212	430		1		430	430		430	430			(1) 3x5'					430				1					
01	01-213	330		1			82.5	330	330																		
01	01-214	900		1	900		900		900		2	10	(2) 3x5'			225			10								
01	01-215	890		1	890			890	890							200	150		19								
01	01-216	900		1	900		900		900				(2) 3x5'			800								900			
01	01-217	900		1	900			900	900							200			10								
01	01-BOYS	280		1	14										280												
01	01-GIRLS	280		1											280												
01	01-CORRIDOR 01	1230		1				1230	1230				(1) 1x1'	1													
01	01-CORRIDOR 02	850		1			425	850	850					1	850	500											
01	01-CORRIDOR 03	1230		1		1230	1230		1230		4		(1) 1x3'	3		200					2						
01	01-COURT YARD	4000		1																							

Government of the United States Virgin Islands
Task Order 009 for Modular/Spring Site Assessments for the Department of Education

Site 06 - Damage Log

Date: March 23, 2018
Facility Name: Alexander Henderson Elementary School
Location: No. 31, Estate Concordia (Frederiksted) / 17.70286 - 64.86736

Buildings EXTERIOR - Structural Investigation Needed before replacement of rusted structural joists and deck
Buildings INTERIOR - Structural, Mold, and Asbestos Investigations required. Site Vandalism was seen and General Cleaning of structure is needed.

Bldg No.	Room No.	SF	Ceiling Height Noted / Remarks	Level	Replace Ceiling tiles	Replace Ceiling tiles and Grid	Replace VCT	Clean VCT (1x1), Quarry, or Concrete	Remove FF&E	Replace Rusted Deck	Replace Locksets (#)	CMU Repair Settlement Cracking (LF)	Replace Window	Replace Fire Extinguisher	Replace Ceiling Grid	Repair Wall and Paint	Replace Ceramic or Quarry Floor Tiles	Replace Rusted Joists	Replace Cabinetry and Countertop (LF)	Paint Doors and Frames	Replace Exterior or Interior Doors	Structural / Floor Slab Investigation Needed	Replace Light Fixtures	Replace Floor Base (LF)	Potential Mold Investigation Needed	Potential Asbestos Investigation Needed	Replace Louver
02	02-001	392		1				392	392				(1) 1'-6"x2'														
02	02-002	1390		1																							
02	02-004	200	NOT INCLUDED IN PHOTOS	1																							
02	02-005A	240	NOT INCLUDED IN PHOTOS	1																							
02	02-005B	240	NOT INCLUDED IN PHOTOS	1																							
02	02-006	4370	13'-10"	1		4370	4370		4370		1				4370										4370		
02	02-007	3590	13'-10"	1	3590		3590		3590																1000		
02	02-008	830	13'-10"	1	830		830		830					1													
02	02-009	90		1	90			90	90																		
02	02-010	120		1				120	120																		
02	02-011	160		1		160		160	160																		
02	02-012	72		1				72 (concrete)	72						72												
02	02-013	72		1				72 (quarry)	72						72												
02	02-014	980		1				980	980						980											81	
02	02-015	980		1				980	980																		
02	02-CORRIDOR 01	800	NOT INCLUDED IN PHOTOS	1												100											
02	02-CORRIDOR 02	1300	NOT INCLUDED IN PHOTOS	1												1300											
02	02-CORRIDOR 03	1300		1																							

Government of the United States Virgin Islands
Task Order 009 for Modular/Spring Site Assessments for the Department of Education

Site 06 - Damage Log

Date: March 23, 2018
Facility Name: Alexander Henderson Elementary School
Location: No. 31, Estate Concordia (Frederiksted) / 17.70286 - 64.86736

Buildings EXTERIOR - Structural Investigation Needed before replacement of rusted structural joists and deck
Buildings INTERIOR - Structural, Mold, and Asbestos Investigations required. Site Vandalism was seen and General Cleaning of structure is needed.

Bldg No.	Room No.	SF	Ceiling Height Noted / Remarks	Level	Replace Ceiling tiles	Replace Ceiling tiles and Grid	Replace VCT	Clean VCT (1x1), Quarry, or Concrete	Remove FF&E	Replace Rusted Deck	Replace Locksets (#)	CMU Repair Settlement Cracking (LF)	Replace Window	Replace Fire Extinguisher	Replace Ceiling Grid	Repair Wall and Paint	Replace Ceramic or Quarry Floor Tiles	Replace Rusted Joists	Replace Cabinetry and Countertop (LF)	Paint Doors and Frames	Replace Exterior or Interior Doors	Structural / Floor Slab Investigation Needed	Replace Light Fixtures	Replace Floor Base (LF)	Potential Mold Investigation Needed	Potential Asbestos Investigation Needed	Replace Louver
03	03-001	370		1	370			370	370		1		(1) 1x4'														(1) 4x7' (1) 4x10'
03	03-002	280		1	280			280 (concrete & quarry)	280																		
03	03-004			1		100%		100% (quarry)																			
03	03-005	580		1				580 (quarry)	580												1						
03	03-006	2070		1																							
03	03-007	750		1	750		750		750					1							1		2				
03	03-008	230		1		230		230	230																		
03	03-009	630		1	630			630	630																630		
03	03-010	400		1	425		400		400							100			4						400		
03	03-011	770		1	770			770	770							200								10			
03	03-012	120	NOT INCLUDED IN PHOTOS	1																							
03	03-013	120	NOT INCLUDED IN PHOTOS	1																							
03	03-014	120	NOT INCLUDED IN PHOTOS	1																							
03	03-101	800		1	800		100	800	800																		
03	03-102	800		1	800		800		800																800		
03	03-103	800		1	800		800					10										800					
03	03-104	800		1	800		800		800																800		
03	03-105	800		1	800																						
03	03-106	800		1		800	800		800													800					
03	03-107	800		1		800	800		800		1											800					
03	03-108	790		1	790		790		790													790					
03	03-109	760		1	760		190	760	760				(1) 1x3'									760					
03	03-110	760		1	760		190	760	760				(1) 1x3'			200						760					
03	03-111	930		1		930	930		930							200											
03	03-111A			1		100%	100%		100%																		
03	03-112	960		1	960			960	960		1					200											
03	03-113	830		1	830		830		830							100											
03	03-114	590		1	590																						
03	03-GIRL	280		1																					280		
03	03-BOY	280		1	25			30	280						280												
03	03-CORRIDOR 01	1230		1	1230		200	1230	1230					1													
03	03-CORRIDOR 02	850		1	850		850		850				(5) 3x4' (1) 1x3'	1	500												
03	03-CORRIDOR 03	1230		1	1230			1230	1230				(1) 1x1'	1													
03	03-COURT YARD	4000		1																							
TOTAL	01, 02, 03	67784	*	Building all on 1 level	26315	11041	25575.75	22635	47594	430	16	40	20	10	7684	5477.75	2425	430	68	2	4	4711	2	10	9180	81	2

Government of the United States Virgin Islands
Task Order 009 for Modular/Spring Site Assessments for the Department of Education

Site 06 - Damage Log

Date:
Facility Name: Alexander Henderson Elementary School
Location:

Buildings EXTERIOR - Structural Investigation Needed before replacement of rusted structural joists and deck
Buildings INTERIOR - Structural, Mold, and Asbestos Investigations required. Site Vandalism was seen and General Cleaning of structure is needed.

Exterior and Site																
			Camera Replacement	Louver Replacement	Replace Drip Edge (LF)	Stucco Repair	Soffit Replaceme nt	Light Fixture Replacement	Antena Replacemen t	Wood Fascia Replacement (LF)	Gate Replacemen t	Sign Replacement	Chain-Link Fence Replacemen t	Gutter Replacement (LF)	Landscape Clean-Up	Play Structure Canopy Replacement
Damage No.	CMU Repair	Condensate Line Replacement														
01-15	1								1							
01-16									1							
01-17																
01-18					30											
01-23																
01-24																
01-25																

Exterior and Site																
			Camera Replacement	Louver Replacement	Replace Drip Edge (LF)	Stucco Repair	Soffit Replaceme nt	Light Fixture Replacement	Antena Replacemen t	Wood Fascia Replacement (LF)	Gate Replacemen t	Sign Replacement	Chain-Link Fence Replacemen t	Gutter Replacement (LF)	Landscape Clean-Up	Play Structure Canopy Replacement
Damage No.	CMU Repair	Condensate Line Replacement														
02-10				6' x 9'												
02-11				75												
02-12				4' x 6'												
02-13						1	7'-6" x 4'-6" x 2'-0"									
02-14								1								
02-19											30					
02-20											4					

Exterior and Site																
			Camera Replacement	Louver Replacement	Replace Drip Edge (LF)	Stucco Repair	Soffit Replacement	Light Fixture Replacement	Antenna Replacement	Wood Fascia Replacement (LF)	Gate Replacement	Sign Replacement	Chain-Link Fence Replacement	Gutter Replacement (LF)	Landscape Clean-Up	Play Structure Canopy Replacement
Damage No.	CMU Repair	Condensate Line Replacement														
03-01	1															
03-02	1															
03-03	1															
03-04	1															
03-05	1															
03-06	1															
03-07	1	1														
03-08	1		1													
03-09																
03-21				40									40			
03-22				100									100			
03-23				40									40			
03-24				100									100			
03-25				40									40			

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Site 06 - Damage Log

Date:
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Location:

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Buildings INTERIOR - Structural, Mold, and Asbestos Investigations required. Site Vandalism was seen and General Cleaning of structure is needed.

Exterior and Site																
Damage No.	CMU Repair	Condensate Line Replacement	Camera Replacement	Louver Replacement	Replace Drip Edge (LF)	Stucco Repair	Soffit Replacement	Light Fixture Replacement	Antena Replacement	Wood Fascia Replacement (LF)	Gate Replacement	Sign Replacement	Chain-Link Fence Replacement	Gutter Replacement (LF)	Landscape Clean-Up	Play Structure Canopy Replacement
SITE-01											(2) 10' x 7'					
SITE-02												1				
SITE-03													7' x 50'			
SITE-04													7' x 15'			
SITE-05													7' x 180'			
SITE-06													7' x 180'			
SITE-07																
SITE-08													7' x 100'			
SITE-09													7' x 300'			
SITE-10													7' x 20'			
SITE-11													7' x 20'			
SITE-12													7' x 80'			
SITE-13												1				
SITE-14			1					1								
SITE-15													7' x 80'			
SITE-16													6' x 80'			
SITE-17													6' x 10'			
SITE-18															1	
SITE-19																1
TOTALS	9	1	2	2	425	1	1	2	2	34	2	2	7x1025'6x90'	320	1	1

Government of the United States Virgin Islands
Task Order 009 for Modular/Spring Site Assessments for the Department of Education

Site 06 - Damage Log

Date:
Facility Name: Alexander Henderson Elementary School
Location:

Buildings EXTERIOR - Structural Investigation Needed before replacement of rusted structural joists and deck
Buildings INTERIOR - Structural, Mold, and Asbestos Investigations required. Site Vandalism was seen and General Cleaning of structure is needed.

ROOF										
Damage No.	Vent Cap Replacement	Roofing Membrane Repair (SF)	A/C Unit Condensate Line Replacement	Roof Gutter and Drip Edge Replacement (LF)	Downspout Replacement	Roofing Flashing Repair	Compressor Unit Replacement	A/C Unit Replacement	A/C Duct Penetration Repair / Replace	Smoke Vent Hatch Replacement
01-21										
01-22		1								
01-23		1								
01-24		1								
01-25		1								
01-26		1								
01-27		1								
01-28		300								
01-29		100								
01-30		100								
01-31		100								
01-32		55								
01-33		1								
01-34		1								
01-35		1								
01-36		1								
01-37		1								
01-38		1								
01-39		1								
01-40		1								

ROOF										
Damage No.	Vent Cap Replacement	Roofing Membrane Repair (SF)	A/C Unit Condensate Line Replacement	Roof Gutter and Drip Edge Replacement (LF)	Downspout Replacement	Roofing Flashing Repair	Compressor Unit Replacement	A/C Unit Replacement	A/C Duct Penetration Repair / Replace	Smoke Vent Hatch Replacement
02-01	1									
02-02		1								
02-03			1							
02-04			1							
02-05				80						
02-06				80						
02-07				1	1					
02-08				1	1					
02-09				80						
02-10				80						
02-11				1	1					
02-12				1	1	1				
02-13							1			
02-14							1			
02-15								1		
02-16						1			1	
02-17		1								
02-18		1								
02-19		13								
02-20										1

ROOF										
Damage No.	Vent Cap Replacement	Roofing Membrane Repair (SF)	A/C Unit Condensate Line Replacement	Roof Gutter and Drip Edge Replacement (LF)	Downspout Replacement	Roofing Flashing Repair	Compressor Unit Replacement	A/C Unit Replacement	A/C Duct Penetration Repair / Replace	Smoke Vent Hatch Replacement
03-41		1								
03-42		1								
03-43		1								
03-44		1,800								
03-45		800								
03-46		1								
03-47		1								
03-48		1								
TOTALS	1	3291	2	320 + 4 Instances Length Not Noted	4	2	1	1	1	1

BENGOA INTERNATIONAL, INC.

***6041 Castle Coakley
CHRISTIANSTED, VI 00823
340-778-3404 / 340-513-3223
edgar.bengoa@gmail.com***

March 17, 2018

The Alexander Henderson Elementary school

On Friday March 15, 2018 status report of the entire school Air-Conditioning units.

Classroom GC1- 2 window unit working

Room 201- 2 Window unit (GE), one is working & replaced one. It needs to be cleaned, sanitized and disinfected. Model: AEV24DKH1

Room 202 – 2 Window unit (GE); working, it needs to be cleaned, sanitized and disinfected.

Office (1 Midea Mini Split)

Indoor model: MSV1-24HRDN1 (2 Ton 24000 BTU) is working.

Outdoor model: MOG-24HDN1- it needs to be cleaned, sanitized and disinfected.

Principal office (1 Midea Mini Split)

Indoor – MSV1-12HRFN1, (working, it needs to be cleaned, sanitized and disinfected).

Outdoor – MOC-12HFN1, 12000 BTU

Assistant Principal office (1 Midea Mini Split)

Indoor – MSV1-12HRFN1, (working, it needs to be cleaned, sanitized and disinfected).

Outdoor – MOC-12HFN1, 12000 BTU

Nurse

1 Window unit 24000 BTU- working.

1 Trade Mini Split, 3 Ton (destroyed, it need to be replaced).

Classrooms

203- (2 window unit 24000 BTU) one working, it needs to be cleaned, sanitized and disinfected and one need to be replaced.

204-(2 window unit 24000 BTU) one working, it needs to be cleaned, sanitized and disinfected and one need to be replaced.

205- (2 window unit 24000 BTU) both working, it needs to be cleaned, sanitized and disinfected.

206 Computer Lab (2 window unit 24000 BTU) both working, it needs to be cleaned, sanitized and disinfected.

207- (2 window unit 24000 BTU) one working, it needs to be cleaned, sanitized and disinfected and one need to be replaced.

208- (2 window unit 24000 BTU) one working, it needs to be cleaned, sanitized and disinfected and one need to be replaced.

209- (2 window unit 24000 BTU) one working, it needs to be cleaned, sanitized and disinfected and one need to be replaced.

210- (2 window unit 24000 BTU) one working, it needs to be cleaned, sanitized and disinfected and one need to be replaced.

211- (2 window unit 24000 BTU) both working and vandalized, it needs to be cleaned, sanitized and disinfected.

Music room (4 window unit 24000 BTU) replaced all, the classroom were flooded still.

212-(1 window unit 24000 BTU) working, it needs to be cleaned, sanitized and disinfected.

213- (1 window unit 24000 BTU) working, it needs to be cleaned, sanitized and disinfected.

214- (2 window unit 24000 BTU) one working, it needs to be cleaned, sanitized and disinfected and one need to be replaced.

215- (2 window unit 24000 BTU) both working, it needs to be cleaned, sanitized and disinfected.

216- (2 window unit 24000 BTU) one working, it needs to be cleaned, sanitized and disinfected and one need to be replaced.

217- (2 window unit 24000 BTU) one working, it needs to be cleaned, sanitized and disinfected and one need to be replaced.

Room ESL 1 (1 window unit 24000 BTU) working, it needs to be cleaned, sanitized and disinfected.

Counselor office (1 window unit 24000 BTU) not working, it needs to be replaced.

114- (2 window unit 24000 BTU) not working, it needs to be replaced.

113- (2 window unit 24000 BTU) not working, it needs to be replaced.

111- (2 window unit 24000 BTU) not working, it needs to be replaced.

112- (2 window unit 24000 BTU) not working, it needs to be replaced.

110- (2 window unit 24000 BTU) not working, it needs to be replaced.

109- (2 window unit 24000 BTU) not working, it needs to be replaced.

011- (2 window unit 24000 BTU) not working, it needs to be replaced.

Library and office - (6 window unit 24000 BTU) not working, all needs to be replaced.

Additional computer lab- (1 window unit 24000 BTU) not working, it needs to be replaced.

Audio Visual room- 1 York Mini Split (working, it needs to be cleaned, sanitized and disinfected.

Room 108- (2 window unit 24000 BTU) not working, it needs to be replaced.

107- (2 window unit 24000 BTU) not working, it needs to be replaced.

106- (2 window unit 24000 BTU) not working, it needs to be replaced.

Room MRS 1 (1 window unit 24000 BTU) not working, it needs to be replaced.

105- (2 window unit 24000 BTU) not working, it needs to be replaced.

104- (2 window unit 24000 BTU) not working, it needs to be replaced.

103- (2 window unit 24000 BTU) not working, it needs to be replaced.

102- (2 window unit 24000 BTU) not working, it needs to be replaced.

Teacher launch (1window unit 24000 BTU) not working, it needs to be replaced.

Room 101- (2 window unit 24000 BTU) not working, it needs to be replaced.

Auditorium and cafeteria

One side (Trade 2 Package unit)

First unit M: TSC120F3R0A0000000000, S #152710463L (working)
Serial# 152710455L, (working, it needs a full maintenance).
Second unit Serial #152710463L (working, it needs a full maintenance)

Other side (1 Package unit)
Model: DM240C00A4AA1; 460-3-60
Serial: NOG54A5796 (Replace the completed package unit and outside duct work).

*Due to the damages received by the 2 Hurricanes we are not responsible for what later could happens with the working units.

Item #	Room	Equipment	Manufacturer	Replace	Possible Risk	Signs of Corrosion	Signs of Overheating	Thermal Image	Grounding Issue	Photo	Notes / Recommendation
1	XFMR PAD	500KVA, 24940GRDY/14400 - 480Y/277 Padmount XFMR	Howard Industries	No	See Note	No	No	No	No	AH-01	The transformer is in good shape on both the primary and secondary compartments. However, the primary feed 4" conduit from the utility pole is full of water. This could cause issues, particularly if the insulation has been compromised. Water should be removed and a Hi-Pot test performed (after drying out).
2	Main Electrical / Generator	450 kW / 562.5 KVA Diesel GenSet. Model 450.0 DFW 4XR/108748	Cummin-Onan	Yes	Yes	Yes	No	No	Yes	--	The Generator appears to be in decent external condition. The exhaust pipe is no longer there and the base is corroded. The generator has not been operated for some time. In fact, load transfer switch has been bypassed and the utility is connected directly to the load. If backup generation is required, an overhaul should be conducted or replace with a new generator with more up to date controls.
3	Main Electrical / Generator	75 kVA, 480-208Y/120, dry transformer. Model #912383874	GE	No	TBD	TBD	No	No	--	--	This transformer looks good on the exterior. This transformer was surrounded by buckets and equipment, so an internal inspection could not be performed. This transformer is in a well protected area of the electrical room and it is unlikely that the hurricane did any damage to the equipment.
4	Main Electrical / Generator	225A, 208Y/120 Panel	GE	No	See Note	No	No	No	See Note	--	The cover is off of this panelboard exposing the panel and terminations to dust and moisture. Despite this, the panel bus and connections look good. The wire management makes any troubleshooting difficult as well as masking any possible risks. Replace cover and clean up wire management. Main Breaker connection does have a lot of dust. Connections should be thermal imaged and cleaned/repaired as necessary. Plastic bushings are used on the incoming conduits and equipment grounds were not observed. Need to ground panel per NEC 250.
5	Main Electrical / Generator	100A, 60A MCB, 208Y/120 Panel	GE	No	See Note	No	No	No	See Note	--	The cover is off of this panelboard exposing the panel and terminations to dust and moisture. Despite this, the panel bus and connections look good. The wire management makes any troubleshooting difficult as well as masking any possible risks. Replace cover and clean up wire management. Main Breaker connection does have a lot of dust. Connections should be thermal imaged and cleaned/repaired as necessary. Plastic bushings are used on the incoming conduits and equipment grounds were not observed. Need to ground panel per NEC 250.
6	Main Electrical / Generator	9 kVA, 480-208Y/120 Transformer. Model #9T21A4006	GE	No	--	No	No	No	--	--	Transformer appears in decent shape considering the environment. Interior was not examined.
7	Main Electrical / Generator	Timing Contactor (Qty=2)	Paragon	No	No	No	No	No	No	--	Both of these units are in very good condition.

Item #	Room	Equipment	Manufacturer	Replace	Possible Risk	Signs of Corrosion	Signs of Overheating	Thermal Image	Grounding Issue	Photo	Notes / Recommendation
8	Main Electrical / Generator	70A, breaker disconnects (Qty = 3), Cat #TE100S with 70A breaker.	GE	No	See Note	No	No	No	No	--	All three (3) of these circuit breakers and connections look really good. However, the middle breaker enclosure has an uncovered knockout in the top of the enclosure causing debris intrusion and leaves the possibility of accelerated corrosion. Plug knockout hole, clean bottom of enclosure.
9	Main Electrical / Generator	Unknown Transformer Size (likely 75 kVA).	UNK	--	--	--	--	--	--	--	There was a desk and cabinet in front of the transformer. Could not inspect.
10	Main Electrical / Generator	75 kVA, 480-208Y/120, dry transformer. Model #9123B3874	GE	--	--	--	--	--	--	--	There was a desk and cabinet in front of the transformer. Could not inspect.
11	Main Electrical / Generator	112.5 kVA, 480-208Y/120, dry transformer. Model #9123B3875	GE	No	No	No	No	No	No	--	Transformer in decent shape. No obvious issues. There is dust build up, so preventative maintenance cleaning is in order.
12	Main Electrical / Generator	112.5 kVA, 480-208Y/120, dry transformer. Model #9123B3875	GE	Yes	No	No	See Note	No	No	--	Transformer has slight corrosion, but not much. However, when removing panel there was an immediate short across coils 2 and coils 3 from the top of the front cover. Misalignment of the cover could have caused this. Transformer could operate, but the coils have been compromised and a transformer replacement is recommended.
13	Main Electrical / Generator	1200A, 480Y/277V, 4W, Switchboard. GE AV-Line Job #60667	GE	No	See Note	No	No	No	No	AH-13	Signs of corrosion on the exterior cabinet. The interior is in decent shape and has only slight corrosion (the cabinet mainly). There are signs of moisture on the 500MCM feeding the incoming lugs. These cables should be meggered. Most of the distribution breaker cables are covered in dust. Although no obvious issues were evident, it is recommended to clean the cables and add antioxidant to the cable termination. Thermal imaging is recommended to verify there are no issues.
14	Main Electrical / Generator	800A, 480Y/277 Load Transfer Switch. Onan Service #771312949.	Cummins-Onan	See Note	Yes	No	Yes	No	No	AH-14A, AH-14B	The Load transfer switch is being bypassed and not operated. The incoming utility feed is tied directly via lugs to the load side of the switch. The Generator feeds are connected, but would not serve any load. There were also signs of moisture on the cables (see photo) and the "insulating board". Also, the lugs that are connecting the utility feed directly to the load (i.e. feed of 1200A distribution panel) show signs of corrosion and are not installed per code. The are not properly secured and currently pose a risk to shorting as seen in the photo. Going forward, if a new backup generator is being provided, a new automatic transfer switch should also be provided and replace this switch.
										AH-14C	There is also corrosion of the load side lugs. There are also indications that the new neutral cables on the load side overheated. Looking at the heat pattern, it appears that it was from other cables and/or lugs at one point. Replacement of transfer switch with a new backup generator is recommended.

Item #	Room	Equipment	Manufacturer	Replace	Possible Risk	Signs of Corrosion	Signs of Overheating	Thermal Image	Grounding Issue	Photo	Notes / Recommendation
15	Main Electrical / Generator	2000A, 480Y/277V, 4W, Switchboard. Label unreadable, however probably GE Job #60667	GE	No	No	Yes	No	Yes	Possible	PBL-02A	The switch had an unreadable label. But, this looks very similar to the same switch at other schools systems. Even though, this is a 2000A switch, only 2 sets of 500MCM cables feed the disconnect from the utility transformer. 2 sets for 500 MCM is rated for a maximum of 860A. Since there is a 1200A distribution panel, there is no overprotection device for these cables. This is a clear code violation and needs to be rectified. The protection cabinet can either be fitted with 800A fuses or a 800A molded case breaker could be added. Note the protection section was not opened on this inspection. Recommend installing new fuses if possible.

Class Room	Area	Faulty Switch	Faulty Ceiling fan	Faulty Circuit	Faulty Breaker	Faulty Fixture	Faulty AC Unit	Faulty Recept
	100 Wing Hallway					3		
	Library					9	3	
	Main Office					1		
	Main Office Hallway					3		
201							1	
202		1					1	
GC 1						1		1
204							1	
206							1	
208						4		
	Hallway					2		
209							1	
210							1	
211						4		
	Girls Restroom					1		
213						2	1	
217							1	

Itemized List - Alexander Henderson Elementary School

	Description	CSI Number	Qty	Unit
1	Scaffolding, steel tubular, regular, frame, buy, 5' high x 5' wide	01542 370 1150	50	Ea.
2	Scaffolding, steel tubular, regular, accessory, cross brace, buy	01542 370 1500	50	Ea.
3	Scaffolding, steel tubular, regular, accessory, guardrail post, buy	01542 370 1550	50	Ea.
4	Scaffolding, steel tubular, regular, accessory, screw jack & plate, buy	01542 370 1650	100	Ea.
5	Scaffolding, steel tubular, regular, accessory, plank, buy, 2" x 10" x 16' long	01542 370 1800	25	Ea.
6	Selective demolition, chain link fences & gates, fence, posts, steel in concrete	02411 362 1000	2	Ea.
7	Selective demolition, chain link fences & gates, fence, fabric & accessories, fabric, to 8' high	02411 362 1100	1125	L.F.
8	Selective demolition, rubbish handling, dumpster, 40 C.Y., 10 ton capacity, weekly rental, includes one dump per week, cost to be added to demolition cost	02411 919 0840	35	Dump
9	Asbestos remediation, plans and methods, building survey, commercial	02821 339 0100	1	Ea.
10	Asbestos abatement equipment & supplies, buy, airless sprayer unit, 2 gun	02821 341 0300	1	Ea.
11	Preparation of asbestos containment area, separation barrier, 2" x 4" @ 16", 1/2" plywood each side, 12' high	02821 342 0310	300	S.F.
12	Preparation of asbestos containment area, cover surfaces with polyethylene sheeting, walls, each layer, 6 mil, incl. glue & tape	02821 342 0560	300	S.F.
13	Bulk asbestos removal, remove VAT and mastic from floor by hand, includes disposable tools & 2 suits & 1 respirator filter/day/worker	02821 343 5000	4711	S.F.
14	OSHA testing, certified technician, min	02821 345 0100	2	Day
15	OSHA testing, industrial hygienist, max	02821 345 0130	2	Day

Itemized List - Alexander Henderson Elementary School

	Description	CSI Number	Qty	Unit
16	OSHA testing, asbestos sampling, PCM analysis, NIOSH 7400, maximum	02821 345 0210	5	Ea.
17	Concrete crack repair, structural repair by epoxy injection (ACI RAP-1), suitable for horizontal, vertical and overhead repairs, up to 1/8" (0.125") wide x 6" deep, manual injection with 2-part epoxy cartridge, excludes prep	03013 071 1420	40	L.F.
18	Unit masonry stabilization, structural fabric method, primer	04012 041 0310	5477	S.F.
19	Unit masonry stabilization, structural fabric method, apply filling/leveling paste	04012 041 0320	5477	S.F.
20	Cleaning masonry, light restoration, average soil, biological staining, by chemical, low pressure wash, brush and rinse, excludes scaffolding	04013 020 0270	5477	S.F.
21	Cleaning masonry, new construction, medium construction dust, by chemical, brush and rinse, excludes scaffolding	04013 020 0220	67784	SF
22	Metal floor decking, steel, non-cellular, composite, galvanized, 2" D, 18 gauge	05311 350 5400	430	S.F.
23	Selective demolition, thermal and moisture protection, caulking/sealant, to 1" x 1" joint	07050 510 0020	1	L.F.
24	Selective demolition, thermal and moisture protection, downspouts, including hangers	07050 510 0120	40	L.F.
25	Selective demolition, thermal and moisture protection, gutters, metal or wood, edge hung	07050 510 0420	320	L.F.
26	Selective demolition, thermal and moisture protection, roof edge, drip edge	07050 510 2220	425	L.F.
27	Roof deck insulation, fiberboard high density, 1-1/2" thick, R3.8, fastening excluded	07221 610 0130	3291	S.F.
28	Soffit, PVC, white, solid	07467 310 0300	40	S.F.
29	APP modified bituminous membrane, smooth surface flashing, 170 mils, torched	07521 310 2300	3291	S.F.
30	Steel downspouts, galvanized, round, corrugated, 5" diameter, 26 gauge	07712 310 5100	40	L.F.

Itemized List - Alexander Henderson Elementary School

	Description	CSI Number	Qty	Unit
31	Galvanized steel gutters, half round or box, stock, 5" wide, 26 gauge	07712 330 2700	320	L.F.
32	Aluminum drip edge, mill finish, .016" thick, 5" wide	07714 310 0020	425	L.F.
33	Door demolition, door frames, metal, remove	08050 510 2000	4	Ea.
34	Window demolition, aluminum, to 25 S.F.	08050 520 0240	22	Ea.
35	Frames, steel, knock down, hollow metal, single, 16 ga., up to 5-3/4" deep, 3'-0" x 6'-8"	08121 313 0025	4	Ea.
36	Door, wood, architectural, flush, interior, hollow core, 7 ply, H.P. plastic laminate, 1-3/8", 3'-0" x 6'-8"	08141 609 1780	4	Ea.
37	Windows, wood, awning, insulated glass, 40" x 28", incl. frames, screens & grilles	08521 020 0300	22	Ea.
38	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	09050 510 1200	37356	S.F.
39	Flooring demolition, vinyl composition tile, 12" x 12"	09050 520 0900	28000	S.F.
40	Suspended acoustic ceiling tiles, mineral fiber tile, lay-in, fine texture, 2' x 2' or 2' x 4', 3/4" thick	09512 310 1125	37356	S.F.
41	Acoustic ceiling grid, 2' x 2'	09532 330 0300	18725	S.F.
42	Flooring, vinyl composition tile, marbleized, 12" x 12" x 1/8"	09651 919 7350	28000	S.F.
43	Paints & coatings, walls, concrete masonry units (CMU), smooth surface, first coat, latex, roller	09911 390 0410	5477	S.F.
44	Selective demolition, countertop	12050 510 1200	68	L.F.
45	Selective demolition, wall cabinets, wood, to 84" high	12050 510 3130	68	L.F.
46	Custom cabinets, rule of thumb: kitchen cabinets, excl. counters & appliances, minimum	12322 310 9560	68	L.F.
47	Countertops, stock, plastic laminate, 24" wide, includes backsplash, maximum	12362 313 0100	68	L.F.

Itemized List - Alexander Henderson Elementary School

	Description	CSI Number	Qty	Unit
48	Metal ductwork, fabricated rectangular, 500 to 1000 lb., aluminum alloy 3003-H14, incl fittings, joints, supports & allow for a flexible connections field sketches, excludes as-built drawings and insulation	23311 313 0120	700	LB
49	High pressure sodium fixture, interior, recessed, round, 70 W, incl lamps and mounting hardware	26511 340 0700	4	Ea.
50	Closed circuit television system (CCTV), industrial quality, for additional camera stations, add	28231 310 2600	2	Ea.
51	Chain link fence gates and posts, motor operators for gates, up to 20' wide swing, excludes electric wiring & excavation	32311 110 7815	2	Ea.
52	Fence, chain link industrial, galvanized steel, 6 ga. wire, 2" posts @ 10' OC, 6' high, includes excavation, & concrete, excludes barbed wire	32311 320 0800	100	L.F.
53	Fence, chain link industrial, galvanized steel, 6 ga. wire, 2-1/2" posts @ 10' OC, 8' high, includes excavation, in concrete, excludes barbed wire	32311 320 0920	1025	L.F.

Site 01 - Pearl B. Larsen Elementary School

Hurricane Maria

AECOM

No. 7 Estate St. Peters, Christiansted, St Croix 00820, U.S. Virgin Islands

Site
Pearl B. Larsen Elementary School

Structural
CMU Cracking

Structural
Floor Slab Cracking

Green - Contingent* Damage Rating

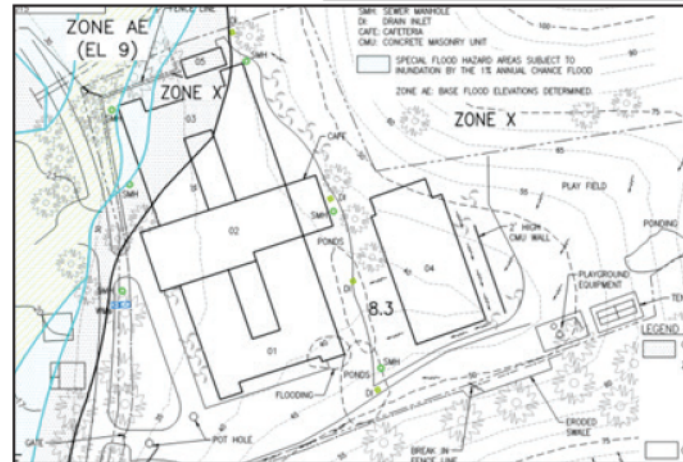
Feasible to be completed in the timeframe given. This is contingent of awarding and executing contract to start work in the next 30 days

Damage Rating Justification

Structural:

The Northeast wing classrooms, building 03, exhibit signs of structural settlement cracks in floors slabs and exterior CMU walls. Additional Structural evaluations will be required.

*It may be feasible to isolate the wall by substantially cordoning off the wing; if isolating the wing is feasible and safe, the remainder of the campus could remain in service With other repairs needed by due date.



Building Description

Building 01, 02, & 03. Main : 75,000 SF Approximately

Building Structure:

Floors: Reinforced Concrete Slab. **Walls:** Concrete Masonry Units and Reinforced Concrete Tie Beams, No Tie Columns Visible. **Roof:** Single-Ply Roofing Membrane Over Reinforced Concrete On Steel Decking Over Open Web Steel Joists.

Building Interior:

Ceilings: 2'x4' Acoustical Drop Ceiling at 8'x10" Above Finished Floor, Unless Noted Otherwise. Cafeteria and Auditorium Ceilings, 2'x4' Acoustical drop Ceiling at 13'-10" Above Finished Floor. **Walls:** Paint Over Concrete Masonry Unit Walls Interior and Exterior. **Floors:** 12x12 Composition Tile.

Building Interior

Replace Gymnasium Flooring 6,000 SF

Repair Windows 2 Units

Replace Doors 4 Units

Building Site

10' High Chain Link Fence Replacement 100 LF

8' High Chain Link Fence Replacement 540 LF

4' High Chain Link Fence Replacement 60 LF

Building Exterior and Roof

Roofing Membrane Repairs 100 SF

Roof Vent Cap Repairs 12 Units

620 LF

Down Spout Replacement 60 LF

Exterior Paint 10,000 SF

Mechanical Systems:

Affected HVAC units to be repaired and or replaced as needed. Duct work to be cleaned and sanitized.

Electrical Systems:

Electrical systems exhibit evidence of damage. Life safety upgrades to impacted systems to comply with current applicable codes.

Overview of Required Repairs

Building Interior

Affected area to be cleaned and sanitized 80,119 SF

Ceiling tile to be replaced 38,827 SF

Ceiling tile suspension grid to be replaced 800 SF

VCT floor tiles to be replaced 26,990 SF

VCT floor tiles to be cleaned 2,275 SF

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Building 04 INTERIOR - Ceilings: Exposed Structure. Floors: Gymnasium Rubber Sheet Flooring Over Concrete Slab. Walls: Paint over CMU Walls.

Bldg No.	Room No.	SF	Ceiling Height Noted	Level	Replace Ceiling tiles	Replace Ceiling tiles and Grid	Replace VCT	Clean VCT (1x1), Quarry, or Concrete	Replace Wood Floor	Remove FF&E	General Cleaning	Replace Exhaust Fan	Damaged A/C Unit	Damaged Roof Insulation	Damaged Vent Damper	Replace Ceiling Fixture	Replace Ceramic or Quarry Floor Tiles	Replace Rusted Joists	Replace Exterior or Interior Doors	Structural / Floor Slab Investigation Needed	CMU Wall Removal Required	Potential Mold Investigation Needed	Potential Asbestos Investigation Needed	Replace Louwer	Replace Window
01	01-001	30		1																2	1			1	1
01	01-002	30		1																					
01	01-003	80		1																					
01	01-004	115		1																					
01	01-005	630		1																		1			
01	01-006	620		1	620																				
01	01-007	1400	13'-10"	1															1						
01	01-008	480		1	480		480																		
01	01-201	930		1	930		930																		
01	01-202	900		1	900		900																		
01	01-203	800		1	800		800						1						1						
01	01-204	675		1	675			675											1						
01	01-205	800		1	800		800												1						
01	01-206	NOT ACCESSIBLE AT TIME OF SITE VISIT		1																					
01	01-207	800		1	800																	1			
01	01-208	800		1	800																				
01	01-209	900		1																					
01	01-210	930		1			930																		
01	01-211	900		1																					
01	01-212	430		1																					
01	01-213	340		1	340																				
01	01-214	900		1	900																				
01	01-215	920		1	920															1					
01	01-216	880		1			880																		
01	01-217	930		1	930																				
01	01-BOYS	280		1	280																				
01	01-GIRLS	280		1																					
01	01-CORRIDOR 01	1230		1																					
01	01-CORRIDOR 02	850		1																					
01	01-CORRIDOR 03	1230		1			1230																		
01	01-COURT YARD	4000		1																					

Bldg No.	Room No.	SF	Ceiling Height Noted	Level	Replace Ceiling tiles	Replace Ceiling tiles and Grid	Replace VCT	Clean VCT (1x1), Quarry, or Concrete	Replace Wood Floor	Remove FF&E	General Cleaning	Replace Exhaust Fan	Damaged A/C Unit	Damaged Roof Insulation	Damaged Vent Damper	Replace Ceiling Fixture	Replace Ceramic or Quarry Floor Tiles	Replace Rusted Joists	Replace Exterior or Interior Doors	Structural / Floor Slab Investigation Needed	CMU Wall Removal Required	Potential Mold Investigation Needed	Potential Asbestos Investigation Needed	Replace Louwer	Replace Window
02	02-001	392		1	392																				
02	02-002	1390		1	1390																				
02	02-003	240		1	240																				
02	02-004	200		1	200																				
02	02-005	240		1	240																				
02	02-005 CAFETERIA	4370	13'-10"	1	4370		4370													1					
02	02-006 AUDITORIUM	3520	13'-10"	1	3520		3520															1			
02	02-007 STAGE	1200		1	1200				1200																
02	02-008	160		1	160																				
02	02-009	160		1																					
02	02-010	980		1	980							1													
02	02-011	NOT ACCESSIBLE AT TIME OF SITE VISIT		100%	100%																				
02	02-CORRIDOR 01	800		1	800			800														1			
02	02-CORRIDOR 02	1300		1	1300		1300																		
02	02-CORRIDOR 03	1300		1	1300		1300															1			

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03	03-Art Room			1		100%	100%									1				1					
03	03-001	230		1	230		230															1			
03	03-002	750		1	750		750															1			
03	03-003	370		1																		1			
03	03-004	630		1	630																	1			
03	03-101	820		1	820																	1			
03	03-102	800		1	800		800																		
03	03-103	NOT ACCESSIBLE AT TIME OF SITE VISIT		1																					
03	03-104	800		1	800																				
03	03-105	800		1	800		800																		
03	03-106	800		1	800		800																		
03	03-107	800		1	800		800	800																	
03	03-108A	NOT ACCESSIBLE AT TIME OF SITE VISIT		1																					
03	03-108B	800		1																					
03	03-109	800		1		800	800															1			1
03	03-110	660		1																					
03	03-111	NOT ACCESSIBLE AT TIME OF SITE VISIT		1																					
03	03-112	1000		1	1000		1000															1			
03	03-113	850		1	850		850																		
03	03-114	600		1	600																				
03	03-LIBRARY	2100		1	2100		2100																		
03	03-LIBRARY OFFICE	620		1	620		620																		
03	03-STORAGE	400		1	400																				
03	03-STORAGE	310		1																					
03	03-GIRLS	280		1	280																	1			
03	03-BOYS	280		1	280																	1			
03	03-COURT YARD	4000		1																					
03	03-CORRIDOR 01			100%	100%																				
03	03-CORRIDOR 02			100%	100%		100%															1			
03	03-CORRIDOR 03			100%	100%		100%																		

Bldg No.	Room No.	SF	Ceiling Height Noted	Level	Replace Ceiling tiles	Replace Ceiling tiles and Grid	Replace VCT	Clean VCT (1x1), Quarry, or Concrete	Replace Wood Floor	Remove FF&E	General Cleaning	Replace Exhaust Fan	Damaged A/C Unit	Damaged Roof Insulation	Damaged Vent Damper	Replace Ceiling Fixture	Replace Ceramic or Quarry Floor Tiles	Replace Rusted Joists	Replace Exterior or Interior Doors	Structural / Floor Slab Investigation Needed	CMU Wall Removal Required	Potential Mold Investigation Needed	Potential Asbestos Investigation Needed	Replace Louver	Replace Window
04	04-001	15885		1					4765.5 (30%)					1	1				2	2					2
04	04-002	80		1										1											
04	04-003	220		1																					
04	04-004	220		1																					
04	04-005	1716		1																					
04	04-006	2156		1																					
TOTAL	01, 02, 03, 04	80119	*	Building All on Level 1	38827	800	26990	2275	5965.5			1	1	2	1	1	0	0	4	14	1	17	0	3	2



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Exterior and Site

Damage No.	CMU Repair	Soffit Replacement	Chain-Link Fence Replacement	Gutter Replacement (LF)	Down Spout Replacement	Exterior Paint	Playground Flooring	Handicap Accessibility	Shade Structure Roof Replacement	Replace Exterior Doors	Replace Window
01-01			10'-0" x 100'-0"			100%					
01-02		4'-0" x 8'-0"	8'-0" x 100'-0"								

Exterior and Site

Damage No.	CMU Repair	Soffit Replacement	Chain-Link Fence Replacement	Gutter Replacement (LF)	Down Spout Replacement	Exterior Paint	Playground Flooring	Handicap Accessibility	Shade Structure Roof Replacement	Replace Exterior Doors	Replace Window
02-01								1			
02-02								1			
02-03										1	

Exterior and Site

Damage No.	CMU Repair	Soffit Replacement	Chain-Link Fence Replacement	Gutter Replacement (LF)	Down Spout Replacement	Exterior Paint	Playground Flooring	Handicap Accessibility	Shade Structure Roof Replacement	Replace Exterior Doors	Replace Window
03-01											1
03-02											1
03-03	1										
03-04	1										
03-05	1										
03-06	1										
03-07	1										
03-08	1										
03-09	1										
03-10	1										
03-11	1										

Exterior and Site

Damage No.	CMU Repair	Soffit Replacement	Chain-Link Fence Replacement	Gutter Replacement (LF)	Down Spout Replacement	Exterior Paint	Playground Flooring	Handicap Accessibility	Shade Structure Roof Replacement	Replace Exterior Doors	Replace Window
04-01				220							
04-02					0'-6" x 16'-0"						
04-03					0'-6" x 16'-0"						
04-04						10,000					

Exterior and Site

Damage No.	CMU Repair	Soffit Replacement	Chain-Link Fence Replacement	Gutter Replacement (LF)	Down Spout Replacement	Exterior Paint	Playground Flooring	Handicap Accessibility	Shade Structure Roof Replacement	Replace Exterior Doors	Replace Window
Site-01											
Site-02											
Site-03			4'-0" x 60'-0"								
Site-04							200				
Site-05									150		
Site-06									150		
Site-07									150 (2)		
Site-08			8'-0" x 50'-0"								
Site-09			8'-0" x 30'-0"								
Site-10			8'-0" x 30'-0"								
Site-11			8'-0" x 130'-0"								
Site-12			8'-0" x 40'-0"								
Site-13			8'-0" x 30'-0"								
Site-14			8'-0" x 30'-0"								
Site-15			8'-0" x 100'-0"								
TOTALS	9	4'-0" x 8'-0"	4'-0" x 60'-0", 8' 0" x 540'-0", 10'-0" x 100'-0"	220	0'-6" x 32'-0"	10000	200	2	600	1	2



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ROOF			
Damage No.	Vent Cap Replacement	Roof Vent Replacement	Roof Exhaust Fan Cap
01			
02	1		
03	1		
04	1		
05	1		
06	1		
07			
08			
09			
10			
11			
12			
13	1		
14		1	
15	1		
16	1		
17	1		
18			
19	1		
20			1
21	1		
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
TOTALS	11	1	1

Found to

BENGOA INTERNATIONAL, INC.

***6041 Castle Coakley
CHRISTIANSTED, VI 00823
340-778-3404 / 340-513-3223
edgar.bengoa@gmail.com***

March 8, 2018

Pearl B. Larsen School AC Report

On Tuesday March 6, 2018 a walk thru was done at the school to determine the status of the Air-Conditioning units.

AC unit main office M/# ZF120C00A2AAA5A, S/# N1C0662253 was found to be in working order. From my professional opinion and certification it appears that there is mold in the supply and return ductwork and it needs to be cleaned and disinfected.

AC unit North West side Auditorium M/# DM120C00A2AAA3A, S/#NGMM88214 was found to be somewhat damaged and corroded. From my professional opinion and certification it appears that there is mold in the supply and return ductwork and it needs to be cleaned and disinfected

AC unit North East side Auditorium M/# ??120???, S/# 560K14974 was found to be missing covers and damaged and needs to be replaced. Minor repairs to damaged supply ducts will need to be fixed. From my professional opinion and certification it appears that there is mold in the supply and return ductwork and it needs to be cleaned and disinfected

AC unit Southside Cafeteria M/# ZF240C00A4AA3, S/# N1H5936393 was found in working order. . Minor repairs to damaged return ducts will need to be fixed. From my professional opinion and certification it appears that there is mold in the supply and return ductwork and it needs to be cleaned and disinfected

While at the time of inspection, this was the first day since the storm that power was applied to the units and three out of the four AC units where working. There's no way to tell the long term operating conditions in the coming months.

School: Pearl B. Lar

Inspection Date:

3/6/2018

Inspector: Steven A. Garner, P.E. (1254E)

Item #	Room	Equipment	Manufacturer	Replace	Possible Risk	Signs of Corrosion	Signs of Overheating	Thermal Image	Grounding Issue	Photo	Notes / Recommendation
1	Main Electrical / Generator	450 kW / 562.5 KVA Diesel GenSet. Model 450.0 DFW 4XR/10874B	Cummin-Onan	Yes	Yes	Yes	No	No	Yes	PBL-01A	Generator does not appear to have been in operation for some time. Water intrusion into the electrical room also contributed to the deterioration. Either a complete overhaul or replacement is recommended. Generator was also not sized for the size of the distribution panel. Load analysis should be conducted prior to specifying a replacement.
2	Main Electrical / Generator	2000A, 480Y/277V, 4W, Switchboard. GE AV-Line Job #60667	GE	No	No	Yes	No	Yes	Possible	PBL-02A	In general, the 2000A switch is in decent shape considering the location and the water intrusion. The main service from the pad mount transformer comes into the bottom of this cabinet. There is oxidation and possible salt crystal building up on the lugs. Unit should be de-energized and all lugs and lug connections cleaned up and re-connected with antioxidant. The bottom of the cabinet did experience paint flaking due to excessive moisture. And equipment ground should be run and connected with this cabinet and the Load Transfer cabinet. It was not obvious where the Grounding Electrode Conductor was. This needs to be identified and/or installed and all equipment in the electrical room should be bonded together and to the GEC.
3	Main Electrical / Generator	800A, 480Y/277 Load Transfer Switch. Onan Service #771312949.	ONAN	Yes	Yes	Yes	Yes	No	Yes	See One-Line Diagram	It appears that due to a failed interrupter on the utility side of the load switch, they have hardwired the utility to the load via two routes. 1) a set of cables on the line side of the utility breaker to the 1200A distribution panel. 2) cables directly from the 2000A switch are routed directly to the 1200A distribution switch. There are issues with the equipment as well as the current "workaround". Recommendation is to replace with a traditional 1200A Automatic Transfer Switch. However, items below are identified in case the equipment is kept.
										PBL-03A, PBL-03B	1.1 Severe corrosion of the lugs and the cable/lug connections. Recommend replacing lugs and re-connect using Antioxidant. All cables should be meggered to test insulation.
										PBL-03C	1.2 The cabinet is grounded using bushings with a metal collar against the cabinet. These connects are all suspect in the cabinet. An equipment ground should be run from the cabinet to the GenSet. A ground wire should be run from the cabinet to the adjacent 2000A switch cabinet as well as the 1200A distribution panel.
										PBL-03C	1.3 Moisture and most likely rain from the louvered windows and possibly the roof intruded this cabinet. As seen on these photos, there was still moisture on many of the 500MCM cables.

Item #	Room	Equipment	Manufacturer	Replace	Possible Risk	Signs of Corrosion	Signs of Overheating	Thermal Image	Grounding Issue	Photo	Notes / Recommendation
										PBL-03D	1.4 The Type MA, Manual Interrupter has a broken handle and cannot safely close. Therefore, the generator could not provide power to the distribution panel.
4	Main Electrical / Generator	1200A, 480Y/277 Distribution Panel, MLO.	GE	No	--	Yes	No	No	Yes	PBL-04A	Distribution Panel has moderate corrosion and paint is flaky at the bottom. Lug and Lug connections should be cleaned and re-installed using antioxidant. As with other equipment all ground connection shall be checked and if necessary install an equipment grounding conductor. Load breakers should be identified by load. Feeds should be meggered to test insulation.
5	Main Electrical / Generator	112.5 kVA, 480-208Y/120 Transformer. Cat #113-415-3A	GTE Sylvania	Yes	Yes	Yes	Yes	No	Yes	--	Transformer is located below a louvered window and experienced water intrusion. Severe corrosion of cabinet and windings. Need to replace.
6	Main Electrical / Generator	112.5 kVA, 480-208Y/120 Transformer. Cat #113-415-3A	GTE Sylvania	Yes	Yes	Yes	No	No	Yes	--	Transformer is located below a louvered window and experienced water intrusion. Moderate corrosion of cabinet and windings. Need to replace.
7	Main Electrical / Generator	75 kVA, 480-208Y/120 Transformer. Cat #752-415-3A	GTE Sylvania	No	Possible	Yes	No	No	Possible		Transformer has experienced exposure to moisture. It's in decent shape, but all connections should be cleaned and cables installed with antioxidant. Coils & windings were in average shape.
8	Main Electrical / Generator	75 kVA, 480-208Y/120 Transformer. Cat #752-415-3A	GTE Sylvania	Yes	Yes	Yes	No	No	Possible		Transformer has experienced exposure to moisture. It is buzzing and it appears that the coils/windings have been compromised.
9	Main Electrical / Generator	Disconnects and Timer Controls for Auditorium and Office	Square D & GE	No	No	No	No	No	No	--	These all appear to be in good shape.
10	Main Electrical / Generator	100A, 208Y/120 Panel	GE	Yes	Yes	Yes	No	No	Possible	--	Panel door is open and shows signs of water intrusion. All connectoins have corrosion and possibilities of conductivity issues. Suggest replacing with a NEMA 3R rated panel.
11	Main Electrical / Generator	9 kVA, 480-208Y/120 Transformer. Model #9T21A4006	GE	No	--	Yes	No	No	Possible	--	Transformer appears in decent shape considering the environment. Exterior shows signs of corrosion, interior was not examined.

Item #	Room	Equipment	Manufacturer	Replace	Possible Risk	Signs of Corrosion	Signs of Overheating	Thermal Image	Grounding Issue	Photo	Notes / Recommendation
12	Main Electrical / Generator	225A, 208Y/120 Panel	GE	Yes	Yes	Yes	No	No	Possible	--	Panel door is open and shows signs of water intrusion. All connectoins have corrosion and possibilities of conductivity issues. Suggest replacing with a NEMA 3R rated panel.
13	Main Electrical / Generator	45 kVA, 480-208Y/120 Transformer. Cat #9T23B3873	GE	No	No	No	No	No	Possible	--	Transformer is in good shape.
14	Main Electrical / Generator	45 kVA, 480-208Y/120 Transformer. Cat #9T23B3873	GE	No	No	No	No	No	Possible	--	Transformer is in good shape.
15	Main Electrical / Generator	Room in General	--	--	--	--	--	--	--	--	In general, the building envelope needs to be "buttoned" up. All equipment to be replaced shall be NEMA 3R. The transfer scheme needs to be re-designed, and all equipment needs to be properly grounded per NEC Article 250.
16	Exterior	Utility Transformer	Eaton-Cooper	--	--	--	--	--	--	--	Transformer looks fairly new and is seems in good condition. WAPA's lock was installed, so the interior could not be inspected.
17	Exterior	Utility Pole feeding Padmount	--	--	--	--	--	--	--	PBL-17A	The pole that contains the utility meter and feed for the padmount is leaning and should be looked at by WAPA.
18	Exterior	2nd Service Entrance	--	--	--	--	--	--	--	PBL-18A	There is a second service entrance that is feeding an external building. This building was not inspected.

Pearl B. Larson Elementary

Class Room	Area	Faulty Ceiling fan	Faulty Circuit	Faulty Breaker	Faulty Fixture	Faulty AC Unit	Faulty Recept
	Art room				2	1	1
	Auditorium				25		
109						1	
114						2	
201						1	
202						2	
	Teacher's Lounge	1			1	1	1
203						1	
207						1	
	Admin Office						1
	Music Room					2	
211						2	1
214							1 & 1 Recept. Cover
101						1	
103 Close							
	Storage room					1	
	ESL				1	1	1
	Library					1	

Itemized List - Pearl Larsen Elementary School

	Description	CSI Number	Qty	Unit
1	Scaffolding, steel tubular, regular, frame, buy, 5' high x 5' wide	01542 370 1150	25	Ea.
2	Scaffolding, steel tubular, regular, accessory, cross brace, buy	01542 370 1500	25	Ea.
3	Scaffolding, steel tubular, regular, accessory, guardrail post, buy	01542 370 1550	25	Ea.
4	Scaffolding, steel tubular, regular, accessory, screw jack & plate, buy	01542 370 1650	50	Ea.
5	Scaffolding, steel tubular, regular, accessory, plank, buy, 2" x 10" x 16' long	01542 370 1800	25	Ea.
6	Selective demolition, chain link fences & gates, fence, posts, steel in concrete	02411 362 1000	5	Ea.
7	Selective demolition, chain link fences & gates, fence, fabric & accessories, fabric, to 8' high	02411 362 1100	700	L.F.
8	Selective demolition, rubbish handling, dumpster, 40 C.Y., 10 ton capacity, weekly rental, includes one dump per week, cost to be added to demolition cost	02411 919 0840	25	Dump
9	Structural concrete, in place, handicap access ramp (4000 psi), w/ 6" curb, railing both sides, 5' wide, includes forms(4 uses), Grade 60 rebar, concrete (Portland cement Type I), placing and finishing	03305 340 4535	20	L.F.
10	Unit masonry stabilization, structural fabric method, primer	04012 041 0310	10000	S.F.
11	Unit masonry stabilization, structural fabric method, apply filling/leveling paste	04012 041 0320	10000	S.F.
12	Cleaning masonry, new construction, medium construction dust, by chemical, brush and rinse, excludes scaffolding	04013 020 0220	80119	SF
13	Cleaning masonry, light restoration, average soil, biological staining, by chemical, low pressure wash, brush and rinse, excludes scaffolding	04013 020 0270	10000	S.F.
14	Concrete block partitions, lightweight blocks, hollow, 2000 psi, 8" x 8" x 16", tooled joints both sides, includes mortar and horizontal joint reinforcing every other course, excludes scaffolding and vertical reinforcing	04221 034 1650	200	S.F.

Itemized List - Pearl Larsen Elementary School

	Description	CSI Number	Qty	Unit
15	Selective demolition, thermal and moisture protection, downspouts, including hangers	07050 510 0120	60	L.F.
16	Selective demolition, thermal and moisture protection, gutters, metal or wood, edge hung	07050 510 0420	220	L.F.
17	Blanket insulation for floors/ceilings, fiberglass, unfaced, 6-1/4" thick, R 19, incl. spring type wire fasteners	07211 610 3010	15965	S.F.
18	APP modified bituminous membrane, smooth surface flashing, 170 mils, torched	07521 310 2300	100	S.F.
19	Steel downspouts, galvanized, round, corrugated, 5" diameter, 26 gauge	07712 310 5100	60	L.F.
20	Galvanized steel gutters, half round or box, stock, 5" wide, 26 gauge	07712 330 2700	220	L.F.
21	Roof vents, mushroom shape, for built-up roofs, aluminum	07722 310 0020	12	Ea.
22	Door demolition, exterior door, single, 3' x 7' high, 1-3/4" thick, remove	08050 510 0200	1	Ea.
23	Door demolition, interior wood door, 1-3/4" x 3'-0" x 6' -8", remove	08050 510 1000	4	Ea.
24	Window demolition, aluminum, to 25 S.F.	08050 520 0240	7	Ea.
25	Doors, hollow metal, commercial, steel, flush, full panel, hollow core, 1-3/8" thick, 20 ga., 3'-0" x 6'-8"	08131 313 0060	1	Ea.
26	Door, wood, architectural, flush, interior, hollow core, 7 ply, H.P. plastic laminate, 1-3/8", 3'-0" x 6'-8"	08141 609 1780	4	Ea.
27	Windows, aluminum, commercial grade, stock units, awning type, standard glass, 3'-0" x 4'-0" opening, incl. frame and glazing	08511 320 3910	4	Ea.
37	Door hardware, school, single, exterior, incl. lever, panic device	08712 015 2250	1	Door
38	Door hardware, school, single, interior, regular use, incl. lever handle	08712 015 2500	4	Door
28	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	09050 510 1200	39627	S.F.

Itemized List - Pearl Larsen Elementary School

	Description	CSI Number	Qty	Unit
29	Flooring demolition, vinyl composition tile, 12" x 12"	09050 520 0900	26990	S.F.
30	Suspended acoustic ceiling tiles, mineral fiber tile, lay-in, fine texture, 2' x 2' or 2' x 4', 3/4" thick	09512 310 1125	39627	S.F.
31	Acoustic ceiling grid, 2' x 2'	09532 330 0300	800	S.F.
32	Resilient flooring, rubber, sheet goods, 3' w, 1/4" thick	09651 610 6000	6000	S.F.
33	Flooring, welding, vinyl seams, add	09651 610 8400	320	L.F.
34	Flooring, vinyl composition tile, marbleized, 12" x 12" x 1/8"	09651 919 7350	26990	S.F.
35	Paints & coatings, walls, concrete masonry units (CMU), smooth surface, first coat, latex, roller	09911 390 0410	10000	S.F.
36	Exterior shutters, roll-up, manual operation, aluminum, 3' x 4', includes frame	10711 319 0020	3	Ea.
37	Metal ductwork, fabricated rectangular, 500 to 1000 lb., aluminum alloy 3003-H14, incl fittings, joints, supports & allow for a flexible connections field sketches, excludes as-built drawings and insulation	23311 313 0120	1000	LB
38	Fans, roof exhauster, centrifugal, aluminum housing, bird screen, back draft damper, direct drive, 1/4" S.P., 320 CFM, 12" galvanized curb, 11" sq. damper	23341 610 7100	1	Ea.
39	Fans, ceiling fan, paddle blade air circulator, 6,500 CFM high, 4,000 CFM low, 52", includes 3 speed switch	23342 310 3040	1	Ea.
40	Split ductless system, cooling only, single zone, wall mount, 2 ton cooling	23812 610 0150	18	Ea.
41	Service & panel, residential, w/18 branch breakers, w/RGS conduit & wire, 200 amp, incl 24' SE-AL cable, service eye, meter socket	26059 010 1230	2	Ea.
42	Switch devices, residential, single pole, #12/2, EMT & wire, 20', 20 amp, incl box & cover plate	26059 010 2280	1	Ea.
43	Transformer, dry-type, ventilated, 3 phase 480 V primary 120/208 V secondary, 75 kVA	26221 310 3700	1	Ea.
44	Transformer, dry-type, 3 phase 480 V primary 120/208 V secondary, 112.5 kVA	26221 310 3900	2	Ea.

Itemized List - Pearl Larsen Elementary School

	Description	CSI Number	Qty	Unit
45	Generator set, diesel, 3 phase 4 wire, 277/480 V, 125 kW, incl battery, charger, muffler, & day tank, excl conduit, wiring,	26321 313 2400	1	Ea.
46	Incandescent fixture, interior, ceiling/wall, surface mounted, metal cylinder, 75 W, incl lamps, mounting hardware and connections	26511 350 4900	29	Ea.
47	Playground protective surfacing, resilient rubber surface, colors, 2" thick, poured in place	32181 613 0150	200	S.F.
48	Playground protective surfacing, wood chip mulch, 6" deep	32181 613 0200	200	S.F.
49	Chain link fence gates and posts, motor operators for gates, up to 20' wide swing, excludes electric wiring & excavation	32311 110 7815	1	Ea.
50	Fence, chain link industrial, galvanized steel, 6 ga. wire, 2-1/2" posts @ 10' OC, 8' high, includes excavation, in concrete, excludes barbed wire	32311 320 0920	640	L.F.
51	Fence, chain link, gates & posts, line posts, galvanized, (1/3 post length in ground), 2-1/2" OD, 4', set in concrete, includes excavation	32311 330 6580	60	Ea.
52	Fence, chain link, gates & posts, end posts, chain link fence, galvanized steel, 3" OD, 4', set in concrete, includes	32311 330 6660	6	Ea.

Site 05 - Eulalie R. Rivera Elementary School

Hurricane Maria



No. 3 & 22A Est Plessen, Frederiksted, St Croix 00820, U.S. Virgin Islands

Site

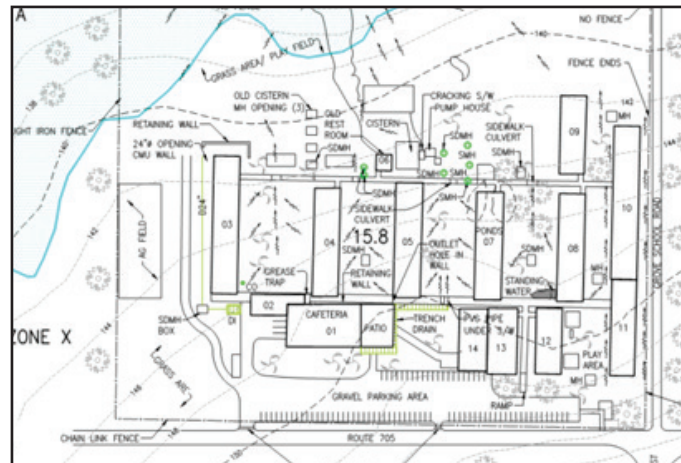
Eulalie R. Rivera Elementary School

Green

Damage Rating

Feasible to be completed in the time-frame given. This is contingent of awarding and executing contract to start work in the next 30 days

Damage Rating Justification



Building Interior:

Ceilings: 2'x2' Acoustical Tile and Metal Grid With Batt Insulation at 9'-0" Above Finished Floor, Unless Noted Otherwise. *Walls:* Painted Cement Plaster Interior and Exterior. *Floors:* 12x12 Composition Tile.

Building 09 Classroom: 4,000 SF Approximately

Building Structure:

Floors: Reinforced Concrete Slab. *Walls:* Concrete Masonry Units Exterior Walls. *Roof:* Sloped Metal Roofing Over Wood Framing. Sloped Metal Roofing Over Poly Bagged Insulation Over Metal Framing.

Building Interior:

Ceilings: Painted Exposed Wood Structure. *Walls:* Painted Cement Plaster Interior and Exterior. *Floors:* 12x12 Composition Tile.

Buildings 10 & 11 Classrooms: 18,000 SF Approximately

Building Structure:

Floors: Reinforced Concrete Slab. *Walls:* Prefabricated Metal Sandwich Panels. *Roof:* Sloped Prefabricated Metal Sandwich Panels.

Building Interior:

Ceilings: Sloped Prefabricated Metal Sandwich Panels. *Walls:* Prefabricated Metal Sandwich Panels. *Floors:* Sloped Prefabricated Metal Sandwich Panels.

Building Description

Building 01 & 02 Cafeteria: 9,000 SF Approximately

Building Structure:

Floors: Reinforced Concrete Slab. *Walls:* Concrete Masonry Units Exterior Walls. *Roof:* Sloped Metal Roofing Over Poly Bagged Insulation Over Metal Purlins On Structural Steel Frame.

Building Interior:

Ceilings: 2'x4' Acoustical Drop Ceiling and Metal Grid. *Walls:* Painted Cement Plaster Interior and Exterior. *Floors:* Ceramic Tile.

Building 03, 04, 05, 07, 08, 12, 13, & 14 Office and Classrooms: 46,000 SF Approximately

Building Structure:

Floors: Reinforced Concrete Slab. *Walls:* Concrete Masonry Units Exterior Walls. *Roof:* Sloped Metal Roofing Over Wood Framing. Sloped Metal Roofing Over Poly Bagged Insulation Over Metal Framing.

Overview of Required Repairs

Building Interior

Affected area to be cleaned and sanitized 64,005 SF

Ceiling tile to be replaced 26,176 SF

Ceiling tile suspension grid to be replaced 2,170 SF

VCT floor tiles to be replaced 18,850 SF

VCT floor tiles to be cleaned 13,375 SF

Building Interior

Repair Windows 2 Units

Replace Doors 4 Units

Building Site

8' High Chain Link Fence Replacement 700 LF

8' High Chain Link Gate Replacement 85 LF

8' Decorative Metal Fence 500 LF

Building Exterior and Roof

Metal Roofing Repair 6,100 SF

Roofing Membrane Repairs 1,000 SF

Roof Gutter Replacement 2,500 LF

Down Spout Replacement 150 LF

Mechanical Systems:

Affected HVAC units to be repaired and or replaced as needed. Duct work to be cleaned and sanitized.

Electrical Systems:

Electrical systems exhibit evidence of damage. Life safety upgrades to impacted systems to comply with current applicable codes

Government of the United States Virgin Islands
Task Order 009 for Modular/Spring Site Assessments for the Department of Education

Site 05 - Damage Log

Date: March 23, 2018
Facility Name: Eulalie R. Rivera Elementary
Location: Nos. 3 & 22a Est. Plessen (Frederiksted) / 17.72228 - 64.82034

Bldg No.	Room No.	SF	Ceiling Height Noted / Remarks	Level	Replace Ceiling tiles	Replace Ceiling tiles and Grid	Replace VCT	Clean VCT (1x1), Quarry, or Concrete	Damaged Building	Roof Damage	Settlement Cracks	Sealant Repair (LF)	Replace Wood Ceiling /Paint	Paint Soffit	Replace Door Hardware	Replace Ceiling Fan Blades	Replace Ceiling Fan	Replace Cabinetry and Countertop (LF)	Replace Exterior or Interior Doors	Structural / Floor Slab Investigation Needed	Replace Light Fixtures	Potential Mold Investigation Needed
01	Cafeteria	5145		1																		
01	Kitchen	1000		1	1000			1000														
01	Corridor	580		1									580									
01	North Corridor	7000		1																		

Bldg No.	Room No.	SF	Ceiling Height Noted / Remarks	Level	Repair Wall and Paint (SF)	Replace Outlet Cover Plate	Replace Fire Pull	Replace Fire Alarm	Replace Louver	Replace Screens	Roof damage, repair leak
01	Cafeteria	5145		1							
01	Kitchen	1000		1							
01	Corridor	580		1							
01	North Corridor	7000		1							

Bldg No.	Room No.	SF	Ceiling Height Noted / Remarks	Level	Replace Ceiling tiles	Replace Ceiling tiles and Grid	Replace VCT	Clean VCT (1x1), Quarry, or Concrete	Damaged Building	Roof Damage	Settlement Cracks	Sealant Repair (LF)	Replace Wood Ceiling /Paint	Paint Soffit	Replace Door Hardware	Replace Ceiling Fan Blades	Replace Ceiling Fan	Replace Cabinetry and Countertop (LF)	Replace Exterior or Interior Doors	Structural / Floor Slab Investigation Needed	Replace Light Fixtures	Potential Mold Investigation Needed
02	Janitor Closet	555		1									555		1							
02	Bathroom	66		1									66		1							
02	No Access 03		No Access	1											1							
02	No Access 04		No Access	1																		
02	Food Storage	726		1									726									
02	?	169		1																		

Bldg No.	Room No.	SF	Ceiling Height Noted / Remarks	Level	Repair Wall and Paint (SF)	Replace Outlet Cover Plate	Replace Fire Pull	Replace Fire Alarm	Replace Louver	Replace Screens	Roof damage, repair leak
02	Janitor Closet	555		1							
02	Bathroom	66		1							
02	No Access 03		No Access	1							
02	No Access 04		No Access	1							
02	Food Storage	726		1							
02	?	169		1							

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Bldg No.	Room No.	SF	Ceiling Height Noted / Remarks	Level	Replace Ceiling tiles	Replace Ceiling tiles and Grid	Replace VCT	Clean VCT (1x1), Quarry, or Concrete	Damaged Building	Roof Damage	Settlement Cracks	Sealant Repair (LF)	Replace Wood Ceiling /Paint	Paint Soffit	Replace Door Hardware	Replace Ceiling Fan Blades	Replace Ceiling Fan	Replace Cabinetry and Countertop (LF)	Replace Exterior or Interior Doors	Structural / Floor Slab Investigation Needed	Replace Light Fixtures	Potential Mold Investigation Needed
03	401	950		1	950			950										10				
03	402	950		1			95	95										20				
03	403	950		1	950		950										2	10				
03	404	950		1	950		95	950										20				
03	405	950		1	950		950	950										32				
03	406	950		1	950		95	950									2	10				
03	400 Boys	228		1																	(2) 2x4	
03	400 Girls	228	Not Accessible	1																		
03	400 Corridor	1680		1																		

Bldg No.	Room No.	SF	Ceiling Height Noted / Remarks	Level	Repair Wall and Paint (SF)	Replace Outlet Cover Plate	Replace Fire Pull	Replace Fire Alarm	Replace Louver	Replace Screens	Roof damage, repair leak
03	401	950		1	200						
03	402	950		1	200						
03	403	950		1	200				(1) 2x4		
03	404	950		1	1						
03	405	950		1							
03	406	950		1						(2) 2x3	
03	400 Boys	228		1						(2) 2x3	
03	400 Girls	228	Not Accessible	1							
03	400 Corridor	1680		1			2				

Bldg No.	Room No.	SF	Ceiling Height Noted / Remarks	Level	Replace Ceiling tiles	Replace Ceiling tiles and Grid	Replace VCT	Clean VCT (1x1), Quarry, or Concrete	Damaged Building	Roof Damage	Settlement Cracks	Sealant Repair (LF)	Replace Wood Ceiling /Paint	Paint Soffit	Replace Door Hardware	Replace Ceiling Fan Blades	Replace Ceiling Fan	Replace Cabinetry and Countertop (LF)	Replace Exterior or Interior Doors	Structural / Floor Slab Investigation Needed	Replace Light Fixtures	Potential Mold Investigation Needed
04	501	1080		1			1080											30				
04	502	1080		1																		
04	503	1080		1	1080		108	1080									3	25				
04	504	1080		1	1080		108	1080									1	10				
04	500 Boys	228		1																	(3) 2x4	
04	500 Girls	228		1																	(3) 2x4	
04	500 Corridor	1280		1										1280								

Bldg No.	Room No.	SF	Ceiling Height Noted / Remarks	Level	Repair Wall and Paint (SF)	Replace Outlet Cover Plate	Replace Fire Pull	Replace Fire Alarm	Replace Louver	Replace Screens	Roof damage, repair leak
04	501	1080		1							
04	502	1080		1							
04	503	1080		1	500						
04	504	1080		1	500						
04	500 Boys	228		1							
04	500 Girls	228		1							
04	500 Corridor	1280		1			2				

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Site 05 - Damage Log

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Bldg No.	Room No.	SF	Ceiling Height Noted / Remarks	Level	Replace Ceiling tiles	Replace Ceiling tiles and Grid	Replace VCT	Clean VCT (1x1), Quarry, or Concrete	Damaged Building	Roof Damage	Settlement Cracks	Sealant Repair (LF)	Replace Wood Ceiling /Paint	Paint Soffit	Replace Door Hardware	Replace Ceiling Fan Blades	Replace Ceiling Fan	Replace Cabinetry and Countertop (LF)	Replace Exterior or Interior Doors	Structural / Floor Slab Investigation Needed	Replace Light Fixtures	Potential Mold Investigation Needed
05	601 Mechanical	300		1		300	30	300														
05	602	1080		1	1080		100	1080										10				
05	602A	1080		1	1080			1080										30				
05	603	1080		1	1080		108	1080										30				
05	604	1080		1	1080		108	1080										10				
05	600 Janitor	490		1		490																
05	600 Corridor	1500		1										1500								

Bldg No.	Room No.	SF	Ceiling Height Noted / Remarks	Level	Repair Wall and Paint (SF)	Replace Outlet Cover Plate	Replace Fire Pull	Replace Fire Alarm	Replace Louver	Replace Screens	Roof damage, repair leak
05	601 Mechanical	300		1							
05	602	1080		1							
05	602A	1080		1							
05	603	1080		1							
05	604	1080		1						(2) 2'x3'	
05	600 Janitor	490		1							
05	600 Corridor	1500		1			1				

Bldg No.	Room No.	SF	Ceiling Height Noted / Remarks	Level	Replace Ceiling tiles	Replace Ceiling tiles and Grid	Replace VCT	Clean VCT (1x1), Quarry, or Concrete	Damaged Building	Roof Damage	Settlement Cracks	Sealant Repair (LF)	Replace Wood Ceiling /Paint	Paint Soffit	Replace Door Hardware	Replace Ceiling Fan Blades	Replace Ceiling Fan	Replace Cabinetry and Countertop (LF)	Replace Exterior or Interior Doors	Structural/ Floor Slab Investigation Needed	Replace Light Fixtures	Potential Mold Investigation Needed
07	301	1080		1	1080			1080														
07	302	1080		1	1080		1080											30				
07	303	1080		1		1080	1080									4		30				
07	304	1080		1	1080		1080											10				
07	300 Boys	228		1															(1) 3x7		(2)2x4	
07	300 Girls	228		1																	(3)2x4	
07	300 Corridor	1280		1										1280								

Bldg No.	Room No.	SF	Ceiling Height Noted / Remarks	Level	Repair Wall and Paint (SF)	Replace Outlet Cover Plate	Replace Fire Pull	Replace Fire Alarm	Replace Louver	Replace Screens	Roof damage, repair leak
07	301	1080		1							
07	302	1080		1							
07	303	1080		1							
07	304	1080		1						(1) 2'x3'	
07	300 Boys	228		1					(3) 2'x3'	(3) 2'x3'	
07	300 Girls	228		1							
07	300 Corridor	1280		1							

Government of the United States Virgin Islands
Task Order 009 for Modular/Spring Site Assessments for the Department of Education

Site 05 - Damage Log

Date: March 23, 2018
Facility Name: Eulalie R. Rivera Elementary
Location: Nos. 3 & 22a Est. Plessen (Frederiksted) / 17.72228 - 64.82034

Bldg No.	Room No.	SF	Ceiling Height Noted / Remarks	Level	Replace Ceiling tiles	Replace Ceiling tiles and Grid	Replace VCT	Clean VCT (1x1), Quarry, or Concrete	Damaged Building	Roof Damage	Settlement Cracks	Sealant Repair (LF)	Replace Wood Ceiling /Paint	Paint Soffit	Replace Door Hardware	Replace Ceiling Fan Blades	Replace Ceiling Fan	Replace Cabinetry and Countertop (LF)	Replace Exterior or Interior Doors	Structural / Floor Slab Investigation Needed	Replace Light Fixtures	Potential Mold Investigation Needed
08	201	1080		1	1080		1080															
08	202	1080		1	1080		1080															
08	203	1080		1	1080		1080															
08	204	1080		1	1080		1080															
08	200 Boys	228		1																	(2) 2x4	
08	200 Girls	228	No Issues	1																		
08	200 Corridor	1270	No Issues	1										1270								

Bldg No.	Room No.	SF	Ceiling Height Noted / Remarks	Level	Repair Wall and Paint (SF)	Replace Outlet Cover Plate	Replace Fire Pull	Replace Fire Alarm	Replace Louver	Replace Screens	Roof damage, repair leak
08	201	1080		1							
08	202	1080		1							
08	203	1080		1							
08	204	1080		1							
08	200 Boys	228		1					(3) 3x2'		
08	200 Girls	228	No Issues	1							
08	200 Corridor	1270	No Issues	1							

Bldg No.	Room No.	SF	Ceiling Height Noted / Remarks	Level	Replace Ceiling tiles	Replace Ceiling tiles and Grid	Replace VCT	Clean VCT (1x1), Quarry, or Concrete	Damaged Building	Roof Damage	Settlement Cracks	Sealant Repair (LF)	Replace Wood Ceiling /Paint	Paint Soffit	Replace Door Hardware	Replace Ceiling Fan Blades	Replace Ceiling Fan	Replace Cabinetry and Countertop (LF)	Replace Exterior or Interior Doors	Structural / Floor Slab Investigation Needed	Replace Light Fixtures	Potential Mold Investigation Needed
09	205	858		1			858				1	20	858				4			1		
09	206	858		1			858						858						1			
09	207	858		1			858				1	20	858		1					1		
09	208	858	Pitched	1			858			1	1	20								1		
09	200 Corridor	1200	No Issues	1																		

Bldg No.	Room No.	SF	Ceiling Height Noted / Remarks	Level	Repair Wall and Paint (SF)	Replace Outlet Cover Plate	Replace Fire Pull	Replace Fire Alarm	Replace Louver	Replace Screens	Roof damage, repair leak
09	205	858		1					(1) 3x4'		1
09	206	858		1					(2) 3x4'		1
09	207	858		1							1
09	208	858	Pitched	1							1
09	200 Corridor	1200	No Issues	1							

Government of the United States Virgin Islands
Task Order 009 for Modular/Spring Site Assessments for the Department of Education

Site 05 - Damage Log

Date: March 23, 2018
Facility Name: Eulalie R. Rivera Elementary
Location: Nos. 3 & 22a Est. Plessen (Frederiksted) / 17.72228 - 64.82034

Bldg No.	Room No.	SF	Ceiling Height Noted / Remarks	Level	Replace Ceiling tiles	Replace Ceiling tiles and Grid	Replace VCT	Clean VCT (1x1), Quarry, or Concrete	Damaged Building	Roof Damage	Settlement Cracks	Sealant Repair (LF)	Replace Wood Ceiling /Paint	Paint Soffit	Replace Door Hardware	Replace Ceiling Fan Blades	Replace Ceiling Fan	Replace Cabinetry and Countertop (LF)	Replace Exterior or Interior Doors	Structural / Floor Slab Investigation Needed	Replace Light Fixtures	Potential Mold Investigation Needed
10	6 Classes and 2 Baths			1					100%											1		

Bldg No.	Room No.	SF	Ceiling Height Noted / Remarks	Level	Repair Wall and Paint (SF)	Replace Outlet Cover Plate	Replace Fire Pull	Replace Fire Alarm	Replace Louver	Replace Screens	Roof damage, repair leak
10	6 Classes and 2 Baths			1							

Bldg No.	Room No.	SF	Ceiling Height Noted / Remarks	Level	Replace Ceiling tiles	Replace Ceiling tiles and Grid	Replace VCT	Clean VCT (1x1), Quarry, or Concrete	Damaged Building	Roof Damage	Settlement Cracks	Sealant Repair (LF)	Replace Wood Ceiling /Paint	Paint Soffit	Replace Door Hardware	Replace Ceiling Fan Blades	Replace Ceiling Fan	Replace Cabinetry and Countertop (LF)	Replace Exterior or Interior Doors	Structural / Floor Slab Investigation Needed	Replace Light Fixtures	Potential Mold Investigation Needed
11	4 Classrooms and 2 Baths			1					100%											1		

Bldg No.	Room No.	SF	Ceiling Height Noted / Remarks	Level	Repair Wall and Paint (SF)	Replace Outlet Cover Plate	Replace Fire Pull	Replace Fire Alarm	Replace Louver	Replace Screens	Roof damage, repair leak		
11	4 Classrooms and 2 Baths			1									

Government of the United States Virgin Islands
Task Order 009 for Modular/Spring Site Assessments for the Department of Education

Site 05 - Damage Log

Date: March 23, 2018
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Location: Nos. 3 & 22a Est. Plessen (Frederiksted) / 17.72228 - 64.82034

Bldg No.	Room No.	SF	Ceiling Height Noted / Remarks	Level	Replace Ceiling tiles	Replace Ceiling tiles and Grid	Replace VCT	Clean VCT (1x1), Quarry, or Concrete	Damaged Building	Roof Damage	Settlement Cracks	Sealant Repair (LF)	Replace Wood Ceiling /Paint	Paint Soffit	Replace Door Hardware	Replace Ceiling Fan Blades	Replace Ceiling Fan	Replace Cabinetry and Countertop (LF)	Replace Exterior or Interior Doors	Structural / Floor Slab Investigation Needed	Replace Light Fixtures	Potential Mold Investigation Needed
12	901	352		1	352		352									1						
12	901A	243		1	243		243									1						
12	901B	30		1	30																	
12	902	300		1		300	300															
12	903	600		1	600		600									1						
12	903A	30		1	30																	
12	904	600		1	600			600														
12	905	336		1	336		336															
12	905A	135		1	135		135															
12	905B	40		1	40																	
12	905C	40		1																		
12	900 Corridor	785		1																		

Bldg No.	Room No.	SF	Ceiling Height Noted / Remarks	Level	Repair Wall and Paint (SF)	Replace Outlet Cover Plate	Replace Fire Pull	Replace Fire Alarm	Replace Louver	Replace Screens	Roof damage, repair leak		
12	901	352		1					(2) 2x3'	(2) 2x3'			
12	901A	243		1									
12	901B	30		1									
12	902	300		1						(2) 3'x4'			
12	903	600		1					(1) 2x4'				
12	903A	30		1						(2) 2'x2'			
12	904	600		1									
12	905	336		1									
12	905A	135		1									
12	905B	40		1									
12	905C	40		1									
12	900 Corridor	785		1		1		1					

Government of the United States Virgin Islands
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Site 05 - Damage Log

Date: March 23, 2018
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Location: Nos. 3 & 22a Est. Plessen (Frederiksted) / 17.72228 - 64.82034

Bldg No.	Room No.	SF	Ceiling Height Noted / Remarks	Level	Replace Ceiling tiles	Replace Ceiling tiles and Grid	Replace VCT	Clean VCT (1x1), Quarry, or Concrete	Damaged Building	Roof Damage	Settlement Cracks	Sealant Repair (LF)	Replace Wood Ceiling /Paint	Paint Soffit	Replace Door Hardware	Replace Ceiling Fan Blades	Replace Ceiling Fan	Replace Cabinetry and Countertop (LF)	Replace Exterior or Interior Doors	Structural / Floor Slab Investigation Needed	Replace Light Fixtures	Potential Mold Investigation Needed
13	Lab 01	1660		1	1660		1660															(1) Up to 5'
13	Comp Lab 02	800		1	800		800															(1) Up to 5'
13	Library 03	1560		1	1560		1560															(1) Up to 5'
13	Corridor	785	No Issues	1																		

Bldg No.	Room No.	SF	Ceiling Height Noted / Remarks	Level	Repair Wall and Paint (SF)	Replace Outlet Cover Plate	Replace Fire Pull	Replace Fire Alarm	Replace Louver	Replace Screens	Roof damage, repair leak
13	Lab 01	1660		1	1						
13	Comp Lab 02	800		1	1						
13	Library 03	1560		1	1						
13	Corridor	785	No Issues	1							

Bldg No.	Room No.	SF	Ceiling Height Noted / Remarks	Level	Replace Ceiling tiles	Replace Ceiling tiles and Grid	Replace VCT	Clean VCT (1x1), Quarry, or Concrete	Damaged Building	Roof Damage	Settlement Cracks	Sealant Repair (LF)	Replace Wood Ceiling /Paint	Paint Soffit	Replace Door Hardware	Replace Ceiling Fan Blades	Replace Ceiling Fan	Replace Cabinetry and Countertop (LF)	Replace Exterior or Interior Doors	Structural / Floor Slab Investigation Needed	Replace Light Fixtures	Potential Mold Investigation Needed
14	Main Office	3232	Heavy Mold/Did not enter building	1																		(1) Heavy Mold
TOTAL		64005	*	Building all on 1 level	26176	2170	19855	13355	2	1	3	60	4501	5330	4	7	12	317	2	5	15	4



Government of the United States Virgin Islands
Task Order 009 for Modular/Spring Site Assessments for the Department of Education

Site 05 - Damage Log

Date: March 23, 2018

Facility Name: Eulalie R. Rivera Elementary

Location: Nos. 3 & 22a Est. Plessen (Frederiksted) / 17.72228 - 64.82034

Exterior and Site																															
Damage No.	Notes/Comments	Replace Gutter Straps	Wood Ceiling Panel Replacement	Stucco Patchwork (SF)	Reposition Light	Replaces Light Fixture	Repair Concrete and Wall Cracking	Replace Downspout	Repair Downspout	Replace AC Wood Cover	Replace Grating	Replace Metal Soffit Panel	Replace Elbow of Downspout	Replace Concrete Sill (SF)	Repaint Soffit (SF)	Patch Stucco and Repaint (SF)	Patch wood and Paint Wood Soffit (SF)	Replace Fence (LF)	Repair Shutter	Replace Shutter	Replace Exit Sign	Reposition AC Unit	Replace Chainlink Fence	Site Debris Removal	Replace Sign	Replace Decorative Metal Fence	Replace Bleachers	Replace Chainlink Backstop on Field	Replace Basketball Hoop	Replace Play Equipment	Replace Flag Poles
01-01									10 LF																						
01-02									10 LF																						
01-03																															
01-04								10 LF																							
01-05											2x45																				
01-06								(2) 25 LF																							
01-06																															
01-07												2x12																			
01-08																															

Exterior and Site																															
Damage No.	Notes/Comments	Replace Gutter Straps	Wood Ceiling Panel Replacement	Stucco Patchwork (SF)	Reposition Light	Replace Light Fixture	Repair Concrete and Wall Cracking	Replace Downspout	Repair Downspout	Replace AC Wood Cover	Replace Grating	Replace Metal Soffit Panel	Replace Elbow of Downspout	Replace Concrete Sill (SF)	Repaint Soffit (SF)	Patch Stucco and Repaint (SF)	Patch wood and Paint Wood Soffit (SF)	Replace Fence (LF)	Repair Shutter	Replace Shutter	Replace Exit Sign	Reposition AC Unit	Replace Chainlink Fence	Site Debris Removal	Replace Sign	Replace Decorative Metal Fence	Replace Bleachers	Replace Chainlink Backstop on Field	Replace Basketball Hoop	Replace Play Equipment	Replace Flag Poles
02-01									10 LF																						
02-02										1																					

Exterior and Site																															
Damage No.	Notes/Comments	Replace Gutter Straps	Wood Ceiling Panel Replacement	Stucco Patchwork (SF)	Reposition Light	Replace Light Fixture	Repair Concrete and Wall Cracking	Replace Downspout	Repair Downspout	Replace AC Wood Cover	Replace Grating	Replace Metal Soffit Panel	Replace Elbow of Downspout	Replace Concrete Sill (SF)	Repaint Soffit (SF)	Patch Stucco and Repaint (SF)	Patch wood and Paint Wood Soffit (SF)	Replace Fence (LF)	Repair Shutter	Replace Shutter	Replace Exit Sign	Reposition AC Unit	Replace Chainlink Fence	Site Debris Removal	Replace Sign	Replace Decorative Metal Fence	Replace Bleachers	Replace Chainlink Backstop on Field	Replace Basketball Hoop	Replace Play Equipment	Replace Flag Poles
03-01		1																													
03-01		1	1																												
03-02				50																											
03-03					1																										
03-04						1																									
03-05							3x60	10 LF																							
03-06																															
03-07																															
03-08					1																										
03-09																															

Exterior and Site																															
Damage No.	Notes/Comments	Replace Gutter Straps	Wood Ceiling Panel Replacement	Stucco Patchwork (SF)	Reposition Light	Replace Light Fixture	Repair Concrete and Wall Cracking	Replace Downspout	Repair Downspout	Replace AC Wood Cover	Replace Grating	Replace Metal Soffit Panel	Replace Elbow of Downspout	Replace Concrete Sill (SF)	Repaint Soffit (SF)	Patch Stucco and Repaint (SF)	Patch wood and Paint Wood Soffit (SF)	Replace Fence (LF)	Repair Shutter	Replace Shutter	Replace Exit Sign	Reposition AC Unit	Replace Chainlink Fence	Site Debris Removal	Replace Sign	Replace Decorative Metal Fence	Replace Bleachers	Replace Chainlink Backstop on Field	Replace Basketball Hoop	Replace Play Equipment	Replace Flag Poles
04-01					1																										
04-02													(3) 10 LF																		
04-03														5																	
04-04																															
04-05															500																
04-06					1																										

Exterior and Site																															
		Replace Gutter Straps	Wood Ceiling Panel Replacement	Stucco Patchwork (SF)	Reposition Light	Replace Light Fixture	Repair Concrete and Wall Cracking	Replace Downspout	Repair Downspout	Replace AC Wood Cover	Replace Grating	Replace Metal Soffit Panel	Replace Elbow of Downspout	Replace Concrete Sill (SF)	Repaint Soffit (SF)	Patch Stucco and Repaint (SF)	Patch wood and Paint Wood Soffit (SF)	Replace Fence (LF)	Repair Shutter	Replace Shutter	Replace Exit Sign	Reposition AC Unit	Replace Chainlink Fence	Site Debris Removal	Replace Sign	Replace Decorative Metal Fence	Replace Bleachers	Replace Chainlink Backstop on Field	Replace Basketball Hoop	Replace Play Equipment	Replace Flag Poles
Damage No.	Notes/Comments																														
05-01						1										25	25														
05-02																															
05-03																															
05-04								15 LF																							
05-05																25															
05-05																															
05-07															500																

Exterior and Site																																
		Replace Gutter Straps	Wood Ceiling Panel Replacement	Stucco Patchwork (SF)	Reposition Light	Replace Light Fixture	Repair Concrete and Wall Cracking	Replace Downspo ut	Repair Downsp out	Replace AC Wood Cover	Replace Grating	Replace Metal Soffit Panel	Replace Elbow of Downspout	Replace Concrete Sill (SF)	Repaint Soffit (SF)	Patch Stucco and Repaint (SF)	Patch wood and Paint Wood Soffit (SF)	Replace Fence (LF)	Repair Shutter	Replace Shutter	Replace Exit Sign	Reposition AC Unit	Replace Chainlink Fence	Site Debris Removal	Replace Sign	Replace Decorative Metal Fence	Replace Bleachers	Replace Chainlink Backstop on Field	Replace Basketball Hoop	Replace Play Equipment	Replace Flag Poles	
Damage No.	Notes/Comments																															
07-01																																
07-02																																
07-03						1																										
07-04																1																
07-05					1																											

Task Order 009 for Modular/Spring Site Assessments for the Department of Education

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Government of the United States Virgin Islands
Task Order 009 for Modular/Spring Site Assessments for the Department of Education

Site 05 - Damage Log

Date: March 23, 2018

Facility Name: Eulalie R. Rivera Elementary

Location: Nos. 3 & 22a Est. Plessen (Frederiksted) / 17.72228 - 64.82034

Exterior and Site																																
Damage No.	Notes/Comments	Replace Gutter Straps	Wood Ceiling Panel Replacement	Stucco Patchwork (SF)	Reposition Light	Replace Light Fixture	Repair Concrete and Wall Cracking	Replace Downspout	Repair Downspout	Replace AC Wood Cover	Replace Grating	Replace Metal Soffit Panel	Replace Elbow of Downspout	Replace Concrete Sill (SF)	Repaint Soffit (SF)	Patch Stucco and Repaint (SF)	Patch wood and Paint Wood Soffit (SF)	Replace Fence (LF)	Repair Shutter	Replace Shutter	Replace Exit Sign	Reposition AC Unit	Replace Chainlink Fence	Site Debris Removal	Replace Sign	Replace Decorative Metal Fence	Replace Bleachers	Replace Chainlink Backstop on Field	Replace Basketball Hoop	Replace Play Equipment	Replace Flag Poles	
Site-01																							8x160		1							
Site-02																								1								
Site-03																							8x100									
Site-04																																
Site-05																							8x100	1								
Site-06																																
Site-07						1																		1								
Site-08																																
Site-09																							8x100	1								
Site-10																										8x500						
Site-11																							8x50									
Site-12																							8x20									
Site-13																							8x80									
Site-14																							8x20									
Site-15																								1								
Site-16																							8x20									
Site-17																								1								
Site-18																							8x15									
Site-19																																
Site-20																								1								
Site-21																									1							
Site-22																																
Site-23																								1								
Site-24																																
Site-25																							8x70									
Site-26																								1								
Site-27																								1								
Site-28																								1								
Site-29																																
Site-30																																
Site-31						1																										
Site-32						2																		1								
Site-33																																
Site-34																								1								
Site-35																																
Site-36																																
Site-37						1																										
Site-38																								1								
Site-39						1																										
Site-40																																
Site-41																								1								
Site-42						1																										
Site-43																								1								
Site-44							4x90																		1							
Site-45																								1								
Site-46																								1								
Site-47																																
Site-48																																
Site-49							2x100																									
Site-50																																
Site-51																																
Site-52																									2							
																									3							
TOTAL		2	1	50	6	15	3x60, 4x90, 2x100	110 LF	30 LF	1	2x45	2x12	8	5	2000	145 SF, + 1 instance	30	10	1	2	1	1	8x635	22	7	8x500	1	1	1	2	1	

Government of the United States Virgin Islands
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Site 05 - Damage Log

Date: March 23, 2018

Facility Name: Eulalie R. Rivera Elementary

Location: Nos. 3 & 22a Est. Plessen (Frederiksted) / 17.72228 - 64.82034

ROOF									
Damage No.	Gutter Replacement (LF)	Exhaust Fan Replacement	Metal Fascia Replacement (LF)	Exhaust Cover Replacement	Metal Roof Panel Replacement	Wood Fascia Replacement	Downspout Replacement	Roofing Membrane Replacement	Replace Roofing and Substrate
01-01									
01-02			6						
01-03	40								
01-04	40								
01-04	160								
01-05				2					

ROOF									
Damage No.	Gutter Replacement (LF)	Exhaust Fan Replacement	Metal Fascia Replacement (LF)	Exhaust Cover Replacement	Metal Roof Panel Replacement	Wood Fascia Replacement	Downspout Replacement	Roofing Membrane Replacement	Replace Roofing and Substrate
02-01	4								
02-02	4								
02-03		1							

ROOF									
Damage No.	Gutter Replacement (LF)	Exhaust Fan Replacement	Metal Fascia Replacement (LF)	Exhaust Cover Replacement	Metal Roof Panel Replacement	Wood Fascia Replacement	Downspout Replacement	Roofing Membrane Replacement	Replace Roofing and Substrate
03-01	210								
03-01	200								

ROOF									
Damage No.	Gutter Replacement (LF)	Exhaust Fan Replacement	Metal Fascia Replacement (LF)	Exhaust Cover Replacement	Metal Roof Panel Replacement	Wood Fascia Replacement	Downspout Replacement	Roofing Membrane Replacement	Replace Roofing and Substrate
04-01	180								
04-01									
04-05									
04-05									

ROOF									
Damage No.	Gutter Replacement (LF)	Exhaust Fan Replacement	Metal Fascia Replacement (LF)	Exhaust Cover Replacement	Metal Roof Panel Replacement	Wood Fascia Replacement	Downspout Replacement	Roofing Membrane Replacement	Replace Roofing and Substrate
05-01	180								

ROOF									
Damage No.	Gutter Replacement (LF)	Exhaust Fan Replacement	Metal Fascia Replacement (LF)	Exhaust Cover Replacement	Metal Roof Panel Replacement	Wood Fascia Replacement	Downspout Replacement	Roofing Membrane Replacement	Replace Roofing and Substrate
06-01									600

ROOF									
Damage No.	Gutter Replacement (LF)	Exhaust Fan Replacement	Metal Fascia Replacement (LF)	Exhaust Cover Replacement	Metal Roof Panel Replacement	Wood Fascia Replacement	Downspout Replacement	Roofing Membrane Replacement	Replace Roofing and Substrate
07-01	180								
07-02					(1) 4x4				
07-03					(1) 12x4				
07-04	12								
07-05						6'x18			

ROOF									
Damage No.	Gutter Replacement (LF)	Exhaust Fan Replacement	Metal Fascia Replacement (LF)	Exhaust Cover Replacement	Metal Roof Panel Replacement	Wood Fascia Replacement	Downspout Replacement	Roofing Membrane Replacement	Replace Roofing and Substrate
08-01	180								

ROOF									
Damage No.	Gutter Replacement (LF)	Exhaust Fan Replacement	Metal Fascia Replacement (LF)	Exhaust Cover Replacement	Metal Roof Panel Replacement	Wood Fascia Replacement	Downspout Replacement	Roofing Membrane Replacement	Replace Roofing and Substrate
09-01									
09-01									
09-02	50								
09-03	60								

ROOF									
Damage No.	Gutter Replacement (LF)	Exhaust Fan Replacement	Metal Fascia Replacement (LF)	Exhaust Cover Replacement	Metal Roof Panel Replacement	Wood Fascia Replacement	Downspout Replacement	Roofing Membrane Replacement	Replace Roofing and Substrate
12-01	100								
12-02									
12-03					6x30				
12-04					6x30				
12-05					6x30				
12-06					6x30				

ROOF									
Damage No.	Gutter Replacement (LF)	Exhaust Fan Replacement	Metal Fascia Replacement (LF)	Exhaust Cover Replacement	Metal Roof Panel Replacement	Wood Fascia Replacement	Downspout Replacement	Roofing Membrane Replacement	Replace Roofing and Substrate
13-01	100								
13-02					9x20				
13-03	40								

ROOF									
Damage No.	Gutter Replacement (LF)	Exhaust Fan Replacement	Metal Fascia Replacement (LF)	Exhaust Cover Replacement	Metal Roof Panel Replacement	Wood Fascia Replacement	Downspout Replacement	Roofing Membrane Replacement	Replace Roofing and Substrate
14-01					4500SF				
14-02	110								
14-03	110								
14-04								1000	
14-05	50								
14-06					2x2				

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Date: March 23, 2018
Facility Name: Eulalie R. Rivera Elementary
Location: Nos. 3 & 22a Est. Plessen (Frederiksted) / 17.72228 - 64.82034

ROOF									
Damage No.	Gutter Replacement (LF)	Exhaust Fan Replacement	Metal Fascia Replacement (LF)	Exhaust Cover Replacement	Metal Roof Panel Replaceme	Wood Fascia Replaceme	Downspout Replaceme	Roofing Membrane Replacement	Replace Roofing and Substrate
Cor-01					4x12				
Cor-02					4x15				
Cor-03					8x15				
Cor-04					8x14				
Cor-05					8x14				
Cor-06					12x14				
Cor-07	60								
Cor-08	4								
Cor-09	100								
Cor-10	100								
Cor-11	150								
Cor-12							1		
Cor-13							1		
Cor-14							1		
Cor-15							1		
TOTALS	2424	1	6	2	6088	6'x18	4	1000	600

BENGOA INTERNATIONAL, INC.

***6041 Castle Coakley
CHRISTIANSTED, VI 00823
340-778-3404 / 340-513-3223
edgar.bengoa@gmail.com***

March 15, 2018

Eulalie Rivera Elementary School

On Tuesday March 13, 2018 status report of the entire school Air-Conditioning units.

*Important: The school appears to have a mold issue in the offices, and many of the classrooms. The facility needs to be tested and if verified the facilities need to be cleaned, sanitized and disinfected. My recommendation is that all AC Units and ducts must be replaced.

Main office AC units:

1-Split Unit (indoor model: KLEU180A33A; serial #: NKAS118638)

Outdoor (model: RWL180ZCAZ; serial #: F421501567 Volts: 208-23-3)

Library (2-TGM Mini Split)

Indoor model: (MWCOT36S) UWT-36; Serial: 38003030088

Outdoor: M: MIA36-13 (V-2823-1)

Indoor M: APTELYCM36; Serial # D202070290113511160033

Outdoor M: MMRCOT36AZ

Computer Lab (1 Mini-split)

Brand-Comfort Star (Inside M: CCH036CHG-6; S: C10133976011150313075)

Outside M: AZ1B36-B; S: 6584010603

Science Room (2 YORK Mini Split)

3 Ton- 36,000BTU, the model and serial number cannot be seen.

Classrooms on the right side are on the floor destroyed.

Classrooms 101-2 Window Unit, class 102-2 WU, 103-2 WU and 104-2WU.

Unknown classroom (1 Mitsubishi Mini split)

M: MUA30ND

S: 5000996

Unknown classroom (1Mini Split)

Unknown Model and Serial number

Unknown classroom 1 Window Unit

M: ASV12ABS1

S: AA851790

Unknown classroom 1Window Unit

General Electric- M: AEM24DQL2

Classroom 903-1Window Unit

M: AGQ24DHM1

S: RH000417

Teacher Launch 1-Window Unit

General Electric M: AEL24DZL1, S: ZA619151

*Due to the damages received by the 2 Hurricanes we are not responsible for what later could happens with the working units.

School: **Eulalie R. Rivera**

Inspection Date: 3/16/2018

Inspector: Steven A. Garner, P.E. (1254E)

Meter #: 312385921

Item #	Room	Equipment	Manufacturer	Replace	Possible Risk	Signs of Corrosion	Signs of Overheating	Thermal Image	Grounding Issue	Photo	Notes / Recommendation
1	Outside	1200A, 600V Main Service Disconnect. 1200A Molded Case Switch. Cat. # NCL3600012M	Square D	No	No	No	No	No	No	--	Main Service Disconnect shows no signs of corrosion or water intrusion. Terminations look good. It should be noted that this breaker is rated as a switch and does not provide overcurrent protection. Therefore the feed from this switch to the Main Distribution Panelboard does not contain any overcurrent protection. Line side has two (2) 500 MCM cables feeding the 1200A breaker. This is only 860A. The feed to the Main Distribution cable is three (3) 500 MCM cables (1290A). This design does not protect the 2 sets of 500 MCM cables and since the breaker is a switch and not a OCPD, the three (3) sets of 500MCM to the MLO switch is also not protected. Solution to is replace the 1200A switch with a 800A OCPD (or 1200A w/ an 800A trip).
2	Main Electrical / Generator	1200A, 240V, 3-Phase Main Distribution Panel	Square d	No	Yes	No	No	No	No	ER-02	The Panel does not show signs of corrosion or water intrusion. Terminations and connections look good. Most likely due to a rat or mouse, there is torn up paper in the bottom of the cabinet surrounding the main incoming feed lug connections. Power should be de-energized and all paper removed.
3	Main Electrical / Generator	Bank of Fused Disconnects. QMB Saflex Unit. 200A, 3P, 2450VAC. Cat #OMB-3220 (Qty=5)	Square D	No	No	No	The	No	No	--	The disconnects are in good shape and show no signs of corrosion. The top disconnect is a 3P, 125A disconnect. This disconnect was turned off. There is no apparent reason from the inspection, but perhaps there is a downstream reason. The second disconnect has no fuses installed. The last three disconnects seem to be active and functioning properly.

Eulalie Rivera Elementary

Class Room	Area	Faulty Switch	Faulty Ceiling fan	Faulty Circuit	Faulty Breaker	Faulty Fixture	Faulty AC Unit	Faulty Recept
601			1					
602			1			1		
603			1					
	600 Wing Outdoor					4		
	600 Wing Electric Room		2			4		
	300 Wing Boy's Restroom					2		
	300 Wing Girl's Restroom					4		
301			1					
303			1			3		
304						8		
	200 Wing Boy's Restroom					2		1
201			1					
202						8		
203								
204			1					
	200 Wing left area 3 classrooms			1			3	
	Building K Demolish							
	400 Wing Boys Restroom					2		
401								1
403			1					1
404								2 Recept & Cover
405						8		

Class Room	Area	Faulty Switch	Faulty Ceiling fan	Faulty Circuit	Faulty Breaker	Faulty Fixture	Faulty AC Unit	Faulty Recept
406			2			8		2
	900 Wing Hallway					1		
	Boy's Restroom 900 wing					1		1
	Girl's Restroom 900 Wing							1
501						1		1 Recept & Cover
502			3			8		
503			2			1		1
	Cafeteria							7 Recept. & Covers
	Kitchen					1		2
	Kitchen Storage					1		1
	Main Hallway					4		
	800 Wing Library					1		1
	Computer Room					2		2

Itemized List - Eulalie Rivera Elementary School

	Description	CSI Number	Qty	Unit
1	Scaffolding, steel tubular, regular, frame, buy, 5' high x 5' wide	01542 370 1150	25	Ea.
2	Selective demolition, gutting, building interior, commercial building, includes disposal, excludes dumpster fees, maximum	02411 921 1020	18000	S.F.
3	Scaffolding, steel tubular, regular, accessory, cross brace, buy	01542 370 1500	25	Ea.
4	Scaffolding, steel tubular, regular, accessory, guardrail post, buy	01542 370 1550	25	Ea.
5	Scaffolding, steel tubular, regular, accessory, screw jack & plate, buy	01542 370 1650	50	Ea.
6	Scaffolding, steel tubular, regular, accessory, plank, buy, 2" x 10" x 16' long	01542 370 1800	25	Ea.
7	Selective demolition, chain link fences & gates, fence, posts, steel in concrete	02411 362 1000	120	Ea.
8	Selective demolition, chain link fences & gates, fence, fabric & accessories, fabric, to 8' high	02411 362 1100	1145	L.F.
9	Selective demolition, rubbish handling, dumpster, 40 C.Y., 10 ton capacity, weekly rental, includes one dump per week, cost to be added to demolition cost	02411 919 0840	70	Dump
10	Asbestos remediation, plans and methods, building survey, commercial	02821 339 0100	1	Ea.
11	Asbestos abatement equipment & supplies, buy, airless sprayer unit, 2 gun	02821 341 0300	1	Ea.
12	Preparation of asbestos containment area, separation barrier, 2" x 4" @ 16", 1/2" plywood each side, 12' high	02821 342 0310	300	S.F.
13	Preparation of asbestos containment area, cover surfaces with polyethylene sheeting, walls, each layer, 6 mil, incl. glue & tape	02821 342 0560	300	S.F.
14	Bulk asbestos removal, remove VAT and mastic from floor by hand, includes disposable tools & 2 suits & 1 respirator filter/day/worker	02821 343 5000	42777	S.F.

Itemized List - Eulalie Rivera Elementary School

	Description	CSI Number	Qty	Unit
15	Mold remediation plans and methods, initial inspection, areas to 10000 S.F.	02871 316 0032	5	Total
16	Mold remediation, mold abatement plan, areas to 10000 S.F.	02871 316 0095	5	Total
17	Preparation of mold containment area, pre-cleaning, flat surfaces, HEPA vacuum & wet wipe	02871 316 6100	25000	S.F.
18	Demolition in mold contaminated area, ceiling, gypsum board	02871 333 0250	42777	S.F.
19	Concrete crack repair, structural repair by epoxy injection (ACI RAP-1), suitable for horizontal, vertical and overhead repairs, up to 1/8" (0.125") wide x 6" deep, manual injection with 2-part epoxy cartridge, excludes prep	03013 071 1420	740	L.F.
20	Unit masonry stabilization, structural fabric method, primer	04012 041 0310	20	S.F.
21	Unit masonry stabilization, structural fabric method, apply filling/leveling paste	04012 041 0320	20	S.F.
22	Cleaning masonry, new construction, medium construction dust, by chemical, brush and rinse, excludes scaffolding	04013 020 0220	64005	SF
23	Cleaning masonry, light restoration, average soil, biological staining, by chemical, low pressure wash, brush and rinse, excludes scaffolding	04013 020 0270	20	S.F.
24	Floor grating, aluminum, heavy duty extruded plank, 1.8 lb./S.F., 3/4" D, field fabricated from panels	05531 310 1600	90	S.F.
25	Selective demolition, wood framing, fascia boards, 2" x 8"	06050 510 3500	18	L.F.
26	Selective demolition, wood framing, sheathing, 3/4", from roof	06050 510 6094	18600	S.F.
27	Sheathing, plywood on roof, CDX, 3/4" thick	06163 610 0300	18600	S.F.
28	Selective demolition, thermal and moisture protection, downspouts, including hangers	07050 510 0120	600	L.F.

Itemized List - Eulalie Rivera Elementary School

	Description	CSI Number	Qty	Unit
29	Selective demolition, thermal and moisture protection, gutters, metal or wood, edge hung	07050 510 0420	3250	L.F.
30	Green roof systems, fluid applied rubber membrane, 215 mil thick, reinforced, not including insulation	07336 310 0560	1600	S.F.
31	Steel roofing panels, on steel frame, flat profile, zinc aluminum alloy finish, 1-3/4" standing seams, 10" wide, 22 gauge	07411 320 0735	24688	S.F.
32	Soffit, baked enamel on steel, 16 or 18 gauge	07467 310 0100	24	S.F.
33	APP modified bituminous membrane, smooth surface flashing, 170 mils, torched	07521 310 2300	1600	S.F.
34	Steel downspouts, galvanized, round, corrugated, 5" diameter, 26 gauge	07712 310 5100	600	L.F.
35	Galvanized steel gutters, half round or box, stock, 5" wide, 26 gauge	07712 330 2700	3250	L.F.
36	Gutter end caps, K type galvanized steel, 5"	07712 330 5080	50	Ea.
37	Door demolition, exterior door, single, 3' x 7' high, 1-3/4" thick, remove	08050 510 0200	1	Ea.
38	Door demolition, interior wood door, 1-3/4" x 3'-0" x 6' -8", remove	08050 510 1000	317	Ea.
39	Doors, hollow metal, commercial, steel, flush, full panel, hollow core, 1-3/8" thick, 20 ga., 3'-0" x 6'-8"	08131 313 0060	2	Ea.
40	Door, wood, architectural, flush, interior, hollow core, 7 ply, H.P. plastic laminate, 1-3/8", 3'-0" x 6'-8"	08141 609 1780	4	Ea.
41	Window screens, wicket screen, inside window	08516 610 0500	200	S.F.
42	Door hardware, school, single, exterior, incl. lever, panic device	08712 015 2250	2	Door
43	Door hardware, school, single, interior, regular use, incl. lever handle	08712 015 2500	4	Door

Itemized List - Eulalie Rivera Elementary School

	Description	CSI Number	Qty	Unit
44	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	09050 510 1200	49578	S.F.
45	Ceiling demolition, wood tongue and groove, 1" x 8", remove	09050 510 2040	4550	S.F.
46	Walls and partitions demolition, gypsum wallboard, per s.f., nailed or screwed	09050 530 1000	9230	S.F.
47	Gypsum wallboard, on walls, fire resistant, w/compound skim coat (level 5 finish), 5/8" thick	09291 030 2195	9230	S.F.
48	Suspended acoustic ceiling tiles, mineral fiber tile, lay-in, fine texture, 2' x 2' or 2' x 4', 3/4" thick	09512 310 1125	49578	S.F.
49	Acoustic ceiling grid, 2' x 2'	09532 330 0300	20170	S.F.
50	Interior ceilings, wood slats on heavy duty 15/16" t-bar grid, 4"-6" wide	09542 610 1000	4550	S.F.
51	Flooring, welding, vinyl seams, add	09651 610 8400	500	L.F.
52	Flooring, vinyl composition tile, marbleized, 12" x 12" x 1/8"	09651 919 7350	42777	S.F.
53	Paints & coatings, walls & ceilings, interior, concrete, drywall or plaster, latex paint, primer or sealer coat, smooth finish, brushwork	09912 372 0200	16600	SF
54	Exterior shutters, roll-up, manual operation, aluminum, 3' x 4', includes frame	10711 319 0020	17	Ea.
55	Flagpoles, aluminum, tapered, ground set, 20' high, excludes base or foundation	10751 610 0100	1	Ea.
56	School equipment, basketball backstops, wall mounted, fixed, 6' extended, maximum	11662 313 1100	1	Ea.
57	Selective demolition, countertop	12050 510 1200	317	L.F.
58	Selective demolition, wall cabinets, wood, to 84" high	12050 510 3130	317	L.F.
59	Custom cabinets, rule of thumb: kitchen cabinets, excl. counters & appliances, minimum	12322 310 9560	317	L.F.
60	Countertops, stock, plastic laminate, 24" wide, includes backsplash, maximum	12362 313 0100	317	L.F.
61	Bleachers, outdoor, portable, 5 tiers, 42 seats, 15' long	13341 653 0020	40	Seat

Itemized List - Eulalie Rivera Elementary School

	Description	CSI Number	Qty	Unit
62	Metal ductwork, fabricated rectangular, 500 to 1000 lb., aluminum alloy 3003-H14, incl fittings, joints, supports & allow for a flexible connections field sketches, excludes as-built drawings and insulation	23311 313 0120	1500	LB
63	Fans, roof exhauster, centrifugal, aluminum housing, bird screen, back draft damper, direct drive, 1/4" S.P., 320 CFM, 12" galvanized curb, 11" sq. damper	23341 610 7100	1	Ea.
64	Fans, ceiling fan, paddle blade air circulator, 6,500 CFM high, 4,000 CFM low, 52", includes 3 speed switch	23342 310 3040	19	Ea.
65	Self-contained single package A.C., air cooled, for free blow or duct, constant volume, 3 ton cooling, excludes remote condenser	23811 920 0200	8	Ea.
66	Split ductless system, cooling only, single zone, wall mount, 2 ton cooling	23812 610 0150	12	Ea.
67	Service & panel, residential, w/18 branch breakers, w/RGS conduit & wire, 200 amp, incl 24' SE-AL cable, service eye, meter socket	26059 010 1230	1	Ea.
68	Incandescent fixture, interior, ceiling/wall, surface mounted, metal cylinder, 75 W, incl lamps, mounting hardware and connections	26511 350 4900	30	Ea.
69	Detection system, fire alarm signal bell 10" red 20-24 V P	28462 150 4610	5	Ea.
70	Detection system, break glass station, excluding wires & conduits	28462 150 7000	1	Ea.
71	Chain link fence gates and posts, motor operators for gates, up to 20' wide swing, excludes electric wiring & excavation	32311 110 7815	2	Ea.
72	Fence, chain link industrial, galvanized steel, 6 ga. wire, 2-1/2" posts @ 10' OC, 8' high, includes excavation, in	32311 320 0920	645	L.F.
73	Fence, chain link, line posts, 16 ga., steel, galv, 3" x 21 x 0.203 wall, set in concrete, includes post cap and excavation	32311 365 0430	120	Ea.
74	Decorative metal fences and gates, tubular picket, steel, staggered picket, 6' sections, 2" posts, 5' high, includes excavation	32311 910 5800	500	L.F.

Site 04 - John H. Woodson Elementary School

Hurricane Maria



Rural Route No.1 Kingshill, Christiansted, St Croix 00820, U.S. Virgin Islands

Site

John H. Woodson Elementary School

Green

Damage Rating

Feasible to be completed in the time-frame given. This is contingent of awarding and executing contract to start work in the next 30 days

Damage Rating Justification



Building Description

Buildings A, B, C, D, E, and F: 120,000 SF Approximately

Building Structure:

Floors: Reinforced Concrete Slab. *Walls:* Reinforced Concrete Columns and Beams With Infill Concrete Masonry Unit Walls. *Roof:* Sloped Metal Roofing and Poly Bagged Insulation on Steel Purlins and Structural Steel Framing

Building Interior:

Ceilings: 2'x4' Acoustical Tile and Grid Ceiling at 9'-0" Above Finished Floor, Unless Noted Otherwise. Gymnasium Building E, Painted Exposed Steel Structure. *Walls:* Interior, Paint Over Concrete Masonry Unit Walls. *Floors:* 12x12 Composition Tile.

Overview of Required Repairs

Building Interior

Affected area to be cleaned and sanitized	97,480 SF
Ceiling tile to be replaced	58,434 SF
Ceiling tile suspension grid to be replaced	19,455 SF
VCT floor tile to be replaced	13,727 SF
VCT floor tiles to be cleaned	28,346 SF
Repair Windows	31 Units

Building Interior

Replace Doors	30 Units
Replace Metal Jalousie Windows	18 Units
Building Site	
8' High Chain Link Fence Replacement	1,025 LF
6' High Chain Link Fence Replacement	100 LF

Building Exterior and Roof

Metal Roofing Repair	4,000 SF
Roofing Membrane Repairs	50 SF
Roof Gutter Replacement	260 LF
Down Spout Replacement	60 LF
Exterior Paint	2,100 SF

Mechanical Systems:

Affected HVAC units to be repaired and or replaced as needed. Duct work to be cleaned and sanitized.

Electrical Systems:

Electrical systems exhibit evidence of damage. Life safety upgrades to impacted systems to comply with current applicable codes

Government of the United States Virgin Islands
Task Order 009 for Modular/Spring Site Assessments for the Department of Education

Site 04 - Damage Log

Date: March 23, 2018
Facility Name: John H. Woodson Junior High School
Location: Rural Route No. 1 Kingshill (Christiansted) / 17.74214 - 64.78368

Bldg No.	Room No.	SF	Ceiling Height Noted / Remarks	Level	Replace Ceiling tiles	Replace Ceiling tiles and Grid	Replace VCT	Clean VCT	Remove FF&E	General Cleaning	Replace Window	Replace Ceiling Fan	Repair CMU Cracking	Repair Stucco	Replace Light Fixture	Repair Wall and Paint	Replace Wood Ceiling	Repair Drywall Ceiling	Potential Termite Investigation Needed	Repair Concrete Slab / Beam	Potential Stuctural Investigation Needed	Replace Grill	Replace Metal Railing	Replace Door
A	A-101	275		1	275		275		275		2													
A	A-102	200		1	200			200	200															
A	A-103	145		1	145																			
A	A-104	145		1	145			145	145															
A	A-105	2020		1	2020			2020	2020				1											
A	A-106	360		1	360																			
A	A-107	37	NO COMMENTS INDICATED	1																				
A	A-108	30	NO COMMENTS INDICATED	1																				
A	A-109	300		1	300			300	300															
A	A-110	42		1	42																			
A	A-111	295		1																				
A	A-112	170		1																				
A	A-113	320		1	320			320	320															
A	A-114	205		1																				
A	A-115	520		1	520																			
A	A-116	145		1	145																			
A	A-117	145		1	145																			
A	A-118	116		1	116																			
A	A-119	100		1	100		100		100															
A	A-120	56		1	56																			
A	A-121	145		1	145			145	145															
A	A-122	145		1	145			145	145															
A	A-123	760		1	760			760	760		1	1												
A	A-124	760		1	760			760	760			1												
A	A-125	760		1		760			760															
A	A-126	280		1				280	280															
A	A-127	760		1	760		760		760		2													
A	A-128	760		1			760		760		1	1												
A	A-129	760		1	760							1												
A	A-130	490		1		490																		
A	A-131	490		1	490			490	490															
A	A-132	85	NOT ACCESSIBLE AT TIME OF SITE VISIT	1																				
A	A-133	85	NOT ACCESSIBLE AT TIME OF SITE VISIT	1																				
A	A-134	175		1				175	175															
A	A-135	85	NOT ACCESSIBLE AT TIME OF SITE VISIT	1																				

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Site 04 - Damage Log

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Bldg No.	Room No.	SF	Ceiling Height Noted / Remarks	Level	Replace Ceiling tiles	Replace Ceiling tiles and Grid	Replace VCT	Clean VCT	Remove FF&E	General Cleaning	Replace Window	Replace Ceiling Fan	Repair CMU Cracking	Repair Stucco	Replace Light Fixture	Repair Wall and Paint	Replace Wood Ceiling	Repair Drywall Ceiling	Potential Termite Investigation Needed	Repair Concrete Slab / Beam	Potential Structural Investigation Needed	Replace Grill	Replace Metal Railing	Replace Door
A	A-136	85	NOT ACCESSIBLE AT TIME OF SITE VISIT	1																				
A	A-137	390		1			390		390															
A	A-138	205	NOT ACCESSIBLE AT TIME OF SITE VISIT	1																				
A	A-139	35	NOT ACCESSIBLE AT TIME OF SITE VISIT	1																				
A	A-141	110	NOT ACCESSIBLE AT TIME OF SITE VISIT	1																				
A	A-142	85	NOT ACCESSIBLE AT TIME OF SITE VISIT	1																				
A	A-143-GIRLS	105	NO COMMENTS INDICATED	1																				
A	A-144	150	NO COMMENTS INDICATED	1																				
A	A-145-BOYS	140	NO COMMENTS INDICATED	1																				
A	A-EAST CORRIDOR	1125	NOT INCLUDED IN PHOTOS	1																				
A	A-WEST CORRIDOR	1480		1										2										
A	A-NORTH CORRIDOR	380		1											3									
A	A-SOUTH CORRIDOR	555	NOT INCLUDED IN PHOTOS	1																				
A	A-COURT YARD	1745	NOT INCLUDED IN PHOTOS	1																				
A	A-201	1280		2	1280																			
A	A-202	300		2																				
A	A-203	625	NOT ACCESSIBLE AT TIME OF SITE VISIT	2																				

Government of the United States Virgin Islands
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B	B-101	515		1	515			515	515			1												
B	B-102	515		1	515			515	515			2												
B	B-103	515		1				515	515			2												
B	B-104	515		1		515						1												
B	B-105	720		1	720			720	720		2	2												
B	B-106	720		1		720						3												
B	B-107	390		1	390		39		390						1	390								
B	B-108	695		1				695	695			4					695							
B	B-109	1125		1	1125			1125	1125			3												
B	B-110	670		1		670						4				670								
B	B-111	670	NOT ACCESSIBLE AT TIME OF SITE VISIT	1																				
B	B-112	670		1	670							2												
B	B-113	220		1	220																			
B	B-114	670		1	670			670	670		1	3												
B	B-115	670		1		670		670	670			3												
B	B-116	670		1		670						2				670								
B	B-117	885		1		885	221.25	885	885			5												
B	B-118	240		1	240		240		240			1												
B	B-119	30		1														30						
B	B-120	262	NOT ACCESSIBLE AT TIME OF SITE VISIT	1																				
B	B-121	880		1	880							2												
B	B-122-BOYS	190	NO COMMENTS INDICATED	1																				
B	B-123	100	NO COMMENTS INDICATED	1																				
B	B-124-GIRLS	150		1												150								
B	B-125	32		1													32							
B	B-STAIR 01	90	NOT INCLUDED IN PHOTOS	1																				
B	B-STAIR 02	90	NOT INCLUDED IN PHOTOS	1																				
B	B-NORTH CORRIDOR	1105	NOT INCLUDED IN PHOTOS	1																				
B	B-SOUTH CORRIDOR	1070	NOT INCLUDED IN PHOTOS	1																				
B	B-EAST CORRIDOR	350	NOT INCLUDED IN PHOTOS	1																				
B	B-WEST CORRIDOR	815	NOT INCLUDED IN PHOTOS	1																				

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B	B-COURT YARD	1660	NOT INCLUDED IN PHOTOS	1																				
B	B-201	1075		2		1075		1075	1075		1	4												
B	B-202	1075		2		1075		1075	1075			5												
B	B-203	1075		2	1075			1075	1075			3												
B	B-204	1075		2		1075		1075	1075		2	5												
B	B-205	1125		2	1125							3												
B	B-206	680		2	680			680	680			1												
B	B-207	680		2		680		680	680		1	2												(1) 3' x 7'-2"
B	B-208	680		2	680			680	680			1												
B	B-209	288	NO COMMENTS INDICATED	2																				
B	B-210	680		2		680		680	680		1	2												
B	B-211	680		2		680		680	680		1	4												
B	B-212	680		2		680		680	680		2	3												
B	B-213	865		2		865		865	865		4	3				865								
B	B-214	290		2															1					
B	B-215	1140		2	1140																			
B	B-BOYS-216	188		2													188							
B	B-217	100	NO COMMENTS INDICATED	2																				
B	B-GIRLS-218	150	NOT INCLUDED IN PHOTOS	2																				
B	B-STAIR 01	90	NOT INCLUDED IN PHOTOS	2																				
B	B-STAIR 02	90	NOT INCLUDED IN PHOTOS	2																				
B	B-NORTH CORRIDOR	1085		2																1	1	1		
B	B-SOUTH CORRIDOR	1400		2																3	1		1	
B	B-EAST CORRIDOR	350	NO COMMENTS INDICATED	2																				
B	B-WEST CORRIDOR	375		2																4				
TOTAL	*	54776		Levels 1 & 2	20634	12190	2785.25	22055	24970	0	21	80	1	2	4	2745	915	30	1	8	2	1	1	1

Government of the United States Virgin Islands
Task Order 009 for Modular/Spring Site Assessments for the Department of Education

Site 04 - Damage Log

Date: March 23, 2018
Facility Name: John H. Woodson Junior High School
Location: Rural Route No. 1 Kingshill (Christiansted) / 17.74214 - 64.78368

Bldg No.	Room No.	SF	Ceiling Height Noted/ Remarks	Level	Replace Ceiling tiles	Replace Ceiling tiles and Grid	Repair Ceiling Gypsum (SF)	Replace Floor (Rusted) SF	Replace VCT	Clean VCT, Ceramic Tile Flooring, Quarry Tile	Ceiling Fan Replacement	Window Replacement	Window Sill Replacement	Interior or Exterior Door Replacement	CMU Settlement Crack Repair	Replace Lockset	Paint Repair Drywall, Ceiling, or Exterior Wall	Repair Drywall, Ceiling, or Exterior Wall	Repair CMU from Water Damage	Window Seal Replacement	Replace Cabinetry and Countertop (LF)	Ceiling Louver Replacement	Wood Ceiling Replacement (SF)	Potential Mold Investigation Needed	Exit Light Replacement	Millwork Repair (LF)	Gutter Replacement	Fire Extinguisher Replacement	Replace Window Panes	Replace Metal Panel Grating	Electric Panel Replacement	Dutch Door Replacement
C	C-101	745		1	745					745																						
C	C-102	560		1	560					560																						
C	C-103	170		1	170					170																						
C	C-104	80	NOT ACCESSIBLE AT TIME OF SITE VISIT.	1																												
C	C-105	80	NO PHOTOS TAKEN	1																												
C	C-106	58		1	58					58																						
C	C-107	837		1	837					837										1												
C	C-108	1005		1	1005					1005	3									1	251.25											
C	C-109	1170	NOT ACCESSIBLE AT TIME OF SITE VISIT	1	1170					58.5	5	1																				
C	C-110	170		1																												
C	C-111	120		1		120																										
C	C-112	1170		1	1170					117	2																					
C	C-113	35	NO PHOTOS TAKEN	1																												
C	C-114	115	NO PHOTOS TAKEN	1																												
C	C-115	50	NO PHOTOS TAKEN	1																												
C	C-116	520	NO PHOTOS TAKEN	1																												
C	C-117	1125		1	1125				1125		3	1		(2) Exterior	1																	
C	C-118	1700	NOT ACCESSIBLE AT TIME OF SITE VISIT/PHOTOS FROM WINDOWS	1		1700						5		(2) Exterior																		
C	C-119	200	NOT ACCESSIBLE AT TIME OF SITE VISIT	1																												
C	C-120	105		1	105											1																
C	C-121	2035	NOT ACCESSIBLE AT TIME OF SITE VISIT	1																												
C	C-122	180	NO PHOTOS TAKEN	1																												
C	C-123	1160	NOT ACCESSIBLE AT TIME OF SITE VISIT	1																												
C	C-124	475	NOT ACCESSIBLE AT TIME OF SITE VISIT	1																												
C	C-125-BOYS	170	NO PHOTOS TAKEN.	1																												
C	C-126	125		1			25																									
C	C-127-GIRLS	130		1						130							36 LF															
C	C-128	1125		1	1125					1125		2					75 LF															
C	C-129	80	NO PHOTOS TAKEN	1						80																						
C	C-NORTH CORRIDOR	650		1																			200	200	1	8						
C	C-EAST CORRIDOR	685		1																		1										
C	C-WEST CORRIDOR	1030		1																		1		100				1				
C	C-COURT YARD	1600		1																				100			1					

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Bldg No.	Room No.	SF	Ceiling Height Noted/ Remarks	Level	Replace Ceiling tiles	Replace Ceiling tiles and Grid	Repair Ceiling Gypsum (SF)	Replace Floor (Rusted) SF	Replace VCT	Clean VCT, Ceramic Tile Flooring, Quarry Tile	Ceiling Fan Replacement	Window Replacement	Window Sill Replacement	Interior or Exterior Door Replacement	CMU Settlement Crack Repair	Replace Lockset	Paint Repair Drywall, Ceiling, or Exterior Wall	Repair Drywall, Ceiling, or Exterior Wall	Repair CMU from Water Damage	Window Seal Replacement	Replace Cabinetry and Countertop (LF)	Ceiling Louver Replacement	Wood Ceiling Replacement (SF)	Potential Mold Investigation Needed	Exit Light Replacement	Millwork Repair (LF)	Gutter Replacement	Fire Extinguisher Replacement	Replace Window Panes	Replace Metal Panel Grating	Electric Panel Replacement	Dutch Door Replacement
D	D-101	420		1		420				420									3 FT				3 FT									
D	D-102	40		1		40				40																						
D	D-103	85		1	85					85																						
D	D-104	62		1				62																								
D	D-105	60		1				60																								
D	D-106	880		1		880				880																						
D	D-107	95		1		95			95								100%															
D	D-108	110		1		110								(1) Exterior Door			100%															
D	D-109	200		1	200					200							100%															
D	D-110	250		1	250							(1) 4 x 5					100%															
D	D-111	180		1	180												100%															
D	D-112	155		1	155																											
D	D-113	3900		1		3900			975	3900		(1) 3 x 8' (1) 5x5'					100%															
D	D-114	6620		1	6620					6620					1																	
D	D-115	1935		1										(1) Exterior Door			100%															
D	D-116	190		1	190												100%															
D	D-117	75		1																												
D	D-118	60		1																												
D	D-119	60		1								(5) 2x4'					100%	25 SF														
D	D-120	75		1													100%															
D	D-121	40	NO ISSUES WITH SPACE NOTED	1																												
D	D-122	1330		1	1330															100%									(2) 4x10'			
D	D-123	200	NOT ACCESSIBLE AT TIME OF SITE VISIT	1																												
D	D-124	125	NOT ACCESSIBLE AT TIME OF SITE VISIT	1																												
D	D-125	195	NOT ACCESSIBLE AT TIME OF SITE VISIT	1																												
D	D-126	160	NO PHOTOS TAKEN	1	160																											
D	D-127	185		1																												
D	D-128	65		1	65									(1) Interior Door		1													1			
D	D-129	65		1	65					65																						
D	D-130	80	NO PHOTOS TAKEN	1																												
D	D-131	75		1	75					75				(1) Interior Door																		
D	D-132	70		1	70									(1) Interior Door																		
D	D-133A	60		1	60									(1) Interior Door		1																
D	D-133B	50		1																			50									1
D	D-134	770		1	770				385			(2) 5x10'	2				100%															
D	D-135-BOYS	275		1						275				(1) Interior Door		1																
D	D-136-GIRLS	270		1						270				(1) Interior Door		1	270															
D	D-NORTH CORRIDOR	760		1										(1) Interior Door														1				
D	D-EAST CORRIDOR	750		1																			500									
D	D-WEST CORRIDOR	400		1																										2		
D	D-COURT YARD	1790	NO PHOTOS TAKEN	1																												
D	D-137	85		1																												4
TOTALS		42712			18345	7265	25	122	2580	17825.5	13	(1) 4 x 5' + (1) 3 x 8' + (1) 5x5' + (5) 2x4' + 5x10'	2	(5) Interior Doors + (6) Exterior Doors	2	5	381 SF + 9 Instances	25 SF	3 FT	3	251.25	2	750	400	1	8	1	3	(2) 4x10'	2	4	1

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Site 04 - Damage Log

Date: March 23, 2018
Facility Name: John H. Woodson Junior High School
Location: Rural Route No. 1 Kingshill (Christiansted) / 17.74214 - 64.78368

Bldg No.	Room No.	SF	Ceiling Height Noted / Remarks	Level	Replace Ceiling tiles	Replace Ceiling tiles and Grid	Replace VCT	Clean VCT	Replace Light Fixture	Repair Wall and Paint	Repair Drywall Ceiling	Repair Concrete Slab / Beam	Replace Wall and Paint	Replace Roll Down Grill	Replace Drywall Soffit	Replace Jalousie Louver	Clean and Paint Steel	Roof Vent Replacement	Potential Structural Investigation Needed	Replace Door
E	E-101	175		1									1							(1) 3' x 7'-2"
E	E-102	235	NO COMMENTS INDICATED	1																
E	E-103	1160		1																(1) 3' x 7'-2"
E	E-104	105	NOT ACCESSIBLE AT TIME OF SITE VISIT	1																
E	E-105	40	NOT ACCESSIBLE AT TIME OF SITE VISIT	1																
E	E-106	400	NO COMMENTS INDICATED	1																
E	E-107	60	NO COMMENTS INDICATED	1																
E	E-108	100	NO COMMENTS INDICATED	1																
E	E-109	100	NO COMMENTS INDICATED	1																
E	E-110	75	NO COMMENTS INDICATED	1																
E	E-111	75		1																(2) 3' x 7'-2"
E	E-112	75	NOT ACCESSIBLE AT TIME OF SITE VISIT	1																
E	E-113	60	NOT ACCESSIBLE AT TIME OF SITE VISIT	1																
E	E-114	8360		1			8360		3	8360				(1) 8' x 17'	(2) 4' x 80'	(18) 3' x 7'	2	1	2	
E	E-116	60	NOT ACCESSIBLE AT TIME OF SITE VISIT	1																
E	E-117	75		1																(4) 3' x 7'-2"
E	E-118	75		1																(2) 3' x 7'-2"
E	E-119	75		1																(2) 3' x 7'-2"
E	E-120	100		1							100									
E	E-121	125		1																(1) 2'-8" x 7'-2"
E	E-122	355	NO COMMENTS INDICATED	1																
E	E-123	80	NO COMMENTS INDICATED	1																
E	E-124	45	NO COMMENTS INDICATED	1																
E	E-125	115	NO COMMENTS INDICATED	1																
E	E-126	1230		1					4											(1) 3' x 7'-2"
E	E-127	240	NO COMMENTS INDICATED	1																
E	E-128	175	NO COMMENTS INDICATED	1																

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Bldg No.	Room No.	SF	Ceiling Height Noted / Remarks	Level	Replace Ceiling tiles	Replace Ceiling tiles and Grid	Replace VCT	Clean VCT	Replace Light Fixture	Repair Wall and Paint	Repair Drywall Ceiling	Repair Concrete Slab / Beam	Replace Wall and Paint	Replace Roll Down Grill	Replace Drywall Soffit	Replace Jalousie Louver	Clean and Paint Steel	Roof Vent Replacement	Potential Structural Investigation Needed	Replace Door
E	E-129	1560		1				1560	3											
E	E-130			1		100%					1									(1) 3' x 7'-2"
E	E-131	55	NO COMMENTS INDICATED	1																
E	E-EAST CORRIDOR	670		1								1								
E	E-WEST CORRIDOR	685		1					4											(2) 3' x 7'-2"
E	E-COURT YARD	1555		1																
TOTAL		18295	*	1	0	1	8360	1560	14	8360	101	1	1	1	2	18	2	1	2	17

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EXTERIOR AND SITE																				
Damage No.	Remarks	Fix Wall and Paint	Replace Light Pole	Repair Concrete and Wall Cracking / Spalling (LF)	Replace Antena	Repair Conduit	Repair Soffit Damage	Replace Water Cooler	Replace A/C Units	Repair Stucco (SF)	Replace Downspout	Replace Window	Replace Roof Gutter	Replace Exterior doors	Replace Chain Linked Fence	Replace Barbed Wire (LF)	Security Camera Replacement	Replace Basketball Hoop and Backboard	Replace sign	Placement of trees / vegetation
Ext 01															(1) 6'X70'				1	
Ext 02																				
Ext 03															(1) 6'x80'					
Ext 04															(1) 6'x40'					(4) Typical tree
Ext 05																				
Ext 06															(1) 6'x20'					
Ext 07															(1) 6'x40'					
Ext 08	INSTANCE IS LABELED AS EXT 09 ON PLAN														(1) 6'x24'					
Ext 09															(1) 4'x400'					
Ext 10															(1) 6'x20'					
Ext 11	INSTANCE IS LABELED AS EXT 10 ON PLAN														(1) 6'x20'					
Ext 12															(1) 6'x20'					
Ext 13															(1) 6'x20'					
Ext 14															(1) 6'x40'					
Ext 15			1																	
Ext 16			1																	
Ext 17			1																	
Ext 18			1																	

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EXTERIOR AND SITE																				
Damage No.	Remarks	Fix Wall and Paint	Replace Light Pole	Repair Concrete and Wall Cracking / Spalling (LF)	Replace Antena	Repair Conduit	Repair Soffit Damage	Replace Water Cooler	Replace A/C Units	Repair Stucco (SF)	Replace Downspout	Replace Window	Replace Roof Gutter	Replace Exterior doors	Replace Chain Linked Fence	Replace Barbed Wire (LF)	Security Camera Replacement	Replace Basketball Hoop and Backboard	Replace sign	Placement of trees / vegetation
A-01												1								
A-02												1								
A-03											1									
A-04												(1) 3'6"x6'					1			
A-05																				
A-06				(1) Column																
A-07																				
A-08	INSTANCE IS MISSING BUILDING NUMBER											(2) Window frames								

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EXTERIOR AND SITE																				
Damage No.	Remarks	Fix Wall and Paint	Replace Light Pole	Repair Concrete and Wall Cracking / Spalling (LF)	Replace Antena	Repair Conduit	Repair Soffit Damage	Replace Water Cooler	Replace A/C Units	Repair Stucco (SF)	Replace Downspout	Replace Window	Replace Roof Gutter	Replace Exterior doors	Replace Chain Linked Fence	Replace Barbed Wire (LF)	Security Camera Replacement	Replace Basketball Hoop and Backboard	Replace sign	Placement of trees / vegetation
B-01				(1) Column																
B-02				(1) Column																
B-03												1								
B-04												1								
B-05												1								
B-06												1								
B-07												1								
B-08				(1) Beam																
B-09												1								
B-10												1								
B-11			1																	
B-12												2								
B-13													(1) 90'							
B-14				(1) Column																
B-15												2								

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EXTERIOR AND SITE																				
Damage No.	Remarks	Fix Wall and Paint	Replace Light Pole	Repair Concrete and Wall Cracking / Spalling (LF)	Replace Antena	Repair Conduit	Repair Soffit Damage	Replace Water Cooler	Replace A/C Units	Repair Stucco (SF)	Replace Downspout	Replace Window	Replace Roof Gutter	Replace Exterior doors	Replace Chain Linked Fence	Replace Barbed Wire (LF)	Security Camera Replacement	Replace Basketball Hoop and Backboard	Replace sign	Placement of trees / vegetation
C-01												1								
C-02												1								
C-03													1							
C-04												2		(2) 3x7"						
C-05																				
C-06												2								
C-07												5								
C-08					1															
C-09												3								
C-10													1							
C-11																	1			

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EXTERIOR AND SITE																				
Damage No.	Remarks	Fix Wall and Paint	Replace Light Pole	Repair Concrete and Wall Cracking / Spalling (LF)	Replace Antena	Repair Conduit	Repair Soffit Damage	Replace Water Cooler	Replace A/C Units	Repair Stucco (SF)	Replace Downspout	Replace Window	Replace Roof Gutter	Replace Exterior doors	Replace Chain Linked Fence	Replace Barbed Wire (LF)	Security Camera Replacement	Replace Basketball Hoop and Backboard	Replace sign	Placement of trees / vegetation
D-01													(1) 90'							
D-02				(1) Column																
D-03													(1) 160'							
D-04											1									
D-05											1									
D-06				(1) Column																
D-07												(2) 4'x5'								
D-08				(1) Column																

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EXTERIOR AND SITE																				
Damage No.	Remarks	Fix Wall and Paint	Replace Light Pole	Repair Concrete and Wall Cracking / Spalling (LF)	Replace Antena	Repair Conduit	Repair Soffit Damage	Replace Water Cooler	Replace A/C Units	Repair Stucco (SF)	Replace Downspout	Replace Window	Replace Roof Gutter	Replace Exterior doors	Replace Chain Linked Fence	Replace Barbed Wire (LF)	Security Camera Replacement	Replace Basketball Hoop and Backboard	Replace sign	Placement of trees / vegetation
E-01					1									1			1			
E-02											1									
E-03							(1) Exit door													
E-04											1									
E-05													1							
E-06				(1) Column + (1) Beam																
E-07													(1) 160'							
E-08												(4) 3'x7' Metal Jalousie								
E-09												(4) 3'x7' Metal Jalousie								
E-10							(1) Exit door													
E-11				(1) Beam			(1) Exit door													
E-12																				
E-13											1									
E-14													1							
E-15													1							
E-16													1							
E-17				(1) Column																

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EXTERIOR AND SITE																				
Damage No.	Remarks	Fix Wall and Paint	Replace Light Pole	Repair Concrete and Wall Cracking / Spalling (LF)	Replace Antena	Repair Conduit	Repair Soffit Damage	Replace Water Cooler	Replace A/C Units	Repair Stucco (SF)	Replace Downspout	Replace Window	Replace Roof Gutter	Replace Exterior doors	Replace Chain Linked Fence	Replace Barbed Wire (LF)	Security Camera Replacement	Replace Basketball Hoop and Backboard	Replace sign	Placement of trees / vegetation
F-01													(1) 40'							
F-02													(1) 40'							
F-03												(3) 2'4"x3' Louver								
F-04				(1) Column																
TOTAL	0		5	(11) Column + (2) Beams	2	0	(3) Exit door	0	0	0	7	(1) 3'6"x6' + (2) Window frames + (2) 4'x5' + (8) 3'x7' Metal Jalousie + (3) 2'4"x3' + (27)	(2) 40' + (2) 160' + (2) 90' + (5)	(2) 3'x7' + (1)	(1) 6'x7' + (1) 6'x80' + (3) 6'x40' + (5) 6'x20' + (1) 6'x24'	0	3		1	(4) Typical Trees

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ROOF										
Damage No.	Remarks	Gutter End Cap Replacement	Roof Downspout Replacement (LF)	Cleaning Gutter (LF)	Replace Roof Metal Panel (LF)	Building Debris Clean-Up	Replace Roofing and Sbustraight	Replace Structural Steel	Place Exhaust Fan Cover	Replae Exhaust Fan
A-01				(1) All typical						
A-02					(1) 2'x2'					
A-03					(1) 2'x2'					
A-04					(1) 2'x2'					
A-05					(1) 2'x2'					
A-06					(1) 2'x2'					
A-07					(1) 2'x2'					
A-08							(1) 8'x30' between building A and B			
A-09		(1) 40 LF								
A-10							(1) 20'x75' between building A and D			
A-11							(1) 20'x30' at entry canopy			
A-12								(1) Entry canopy		
C-01							(1) 20'x40' between building C and B			
D-01					(1) 2'x2'					
D-02							(1) 20'x40' building D			
E-01									1	
E-02									1	
E-03										1
E-04	NO PHOTOS TAKEN									
		(1) 40 LF	0	1	(7) 2'x2'	0	(1) 8'x30' + (1) 20'x75' + (1) 20'x30" + (2) 20'x40'	1	2	1

BENGOA INTERNATIONAL, INC.

***6041 Castle Coakley
CHRISTIANSTED, VI 00823
340-778-3404 / 340-513-3223
edgar.bengoa@gmail.com***

March 18, 2018

John H. Woodson Junior High School

On Monday March 12, 2018 status report of the entire school Air-Conditioning units.

Main Office: No power or fuses in panel
1 condensing unit model: ECKNT-90 NC; serial #900714003
Cooling capacity 90,000; 220-240/1/60 7 Ton
Indoor Trane M: TWE090D300AA serial: 1222TANBA
1 TGM mini-split
Indoor model: MWVT18S – outdoor model: MRVT18AS
220-230V-60HZ, 1PH (18,000 BTU)

Music room (1 split unit) **unit need to be replaced.**
M: 24ABB360A620; serial: 0515E14513 (5 Ton)
Unknown room (2 mini split)
(1-Thermal Zone – model: 242-1004-c; 18,000BTU)
(1-York – M: HADC12FS-AKS; 12,000BTU)

Library (2 split unit) column A-B – **Both units need to be replaced.**
(1-Model: TZAA-360-DA; S: 7805W500906049)
(1-M: TZAA-360-2A757; S: 8347W341207485)

Storage room (split system – 5 Ton) **Working**
Nurse and Counselor suite
Indoor model: AVPTC426014AA; serial: 1111629769
Outdoor m: JS4BD-060KB; S: JSG160255750

Classrooms

A-131 no power???

A-123: 1-Bard split unit- **unit needs to be replaced**

A-124: 1-Bard split unit- **unit needs to be replaced**

A-125: 1-Bard split unit- **unit needs to be replaced**

Storage room/ office A-126: 1 mini split (Innovair) 18,000BTU- **unit needs to be replaced**

A-127: 1-Bard split unit 4 Ton - **unit needs to be replaced**
Model: QA481DCOZRF4E2G; S: 222A092592340101

A-128: 1-Bard split unit 5 Ton- **unit needs to be replaced**
Model: QA601DCOZRF4E2G; S: 248A092592346-01 (460/3v)

A-129: 1-Bard split unit 5 Ton –M **unit needs to be replaced**
: QA601DCOZRF4E2G; S: A092592345

A-130: 1-Bard split unit – **unit needs to be replaced**

A-131: 1-Bard split unit – **unit needs to be replaced**
M: QA301DCOZRF4E2G; S: A092591516

B-107: 1-Mini split (Pioneer) – **unit needs to be replaced**
M: UGO36GKA2LACL2; S: 5007006912002

B-108: 1-Bard split unit 3 Ton – **unit needs to be replaced**
M: QA361DCOZRF4EG; S: A092591490

B-109: 2-CIAC mini split unit – **unit needs to be replaced**
Left Floor mount- M: CF41B-060-MYH1C; S: 9266440000794 (5Ton)
Right Floor mount – Serial: 9266440000836 (5Ton)

B-110:1-Bard split unit 3 Ton - **unit needs to be replaced**
M: QA361DCOZRF4E2G; S: A092591487

B-112: 1-Bard split unit 3 Ton- **Working**
M: KA301DCOZRF4E2G; S: A092591517

B-113: Assistant Principal 1-CIA mini split-is working
M: CFTF42B-018MYL1C; S: S13Q01080024

B-114: 1-Bard split unit 3 Ton - **Working**
M: QA361DCOZRFT4E2G; S: A092591491

B-115: 1-Bard split unit 3 Ton - **Working**
M: QA301DCOZRFT4E2G; S: A092591518

B-116: 1-Bard split unit 3 Ton - **Working**
M: QA361DCOZRFT4E2G; S: A092591489

B-117: 1-Bard split unit 3.5 Ton- **Unit needs to be replaced**
M: QA421DCOZRFT4E2G; S: Q092647493
Storage room – 1-Carrier Mini split **Working**
M: 48MVC012-0301; S: 5208V27948

B-121: 1-Bard split unit 4 Ton - **Unit needs to be replaced**
M: QA481DCOZRFT4E2G; S: A092592335

B-101: 1-Bard split unit 2 Ton - **Unit needs to be replaced**
M: QA241DCOZRFT4E2G; S: A092591522-01

B-102: 1-Bard split unit 2 Ton - **Unit needs to be replaced**
M: QA241DCOZRFT4E2G; S: A092591523

B-103: 1-Bard split unit 2 Ton - **Working**
M: QA241DCOZRFT4E2G; S: A092591520

B-104: 1-Bard split unit 2 Ton - **Working**
M: QA241DCOZRFT4E2G; S: A092591521

B-105: 1-Bard split unit 3 Ton - **Working**
M: QA361DCOZRFT4E2G; S: A092591488

B-106: 1-Bard split unit 3 Ton - **Working**
M: QA361DCOZRFT4E2G; S: A092591492

B-213: 1-Bard split unit 5 Ton- **unit needs to be replaced**
M: QA601DCOZRF4E2G; S: K092646837
B-201: 2-Bard split unit 3 Ton - **unit needs to be replaced**
(2) M: QA361COZBF4D26; S: A092591498; S: A092591497
B-202: 2-Bard split unit 3 Ton - **unit needs to be replaced**
2) M: QA361COZBF4D26; S: A092591499; S: A092591486
B-203: 2-Bard split unit 3 Ton - **unit needs to be replaced**
(2) M: QA361COZBF4D26; S: A092591500; S: A092592339
B-204: 2-Bard split unit 2 Ton - **unit needs to be replaced**
(2) M: QA361COZBF4D26; S: A092591502; S: A092591494
B-205: 2-Bard split unit 3 Ton - **unit needs to be replaced**
(2) M: QA361COZBF4D26; S: A092591501; S: A092592343
C-109: 1-Bard split unit 4 Ton - **unit needs to be replaced**
M: QA481DCOZRF4E2G; S: K092646832
C-112: 2-Bard split unit 2.5 Ton - **unit needs to be replaced**
(2) M: QA301DCOZRF4E2G; S: K092646831; S: K092647491
C-117: 1-Bard split unit 4 Ton - **unit needs to be replaced**
(2) M: QA481DCOZRF4E2G; S: A092592334; S: A092591495
C-118: CLOSED
C-128: NO A/C
C-121: CLOSED
C-108: 2 YORK mini split (5 Ton) **unit needs to be replaced**
C-107: 1 YORK mini split (5 Ton) **unit needs to be replaced**
C-123: 1 YORK mini split (5 Ton) **unit needs to be replaced**
D-122: 1 Mini split (5Ton) **unit needs to be replaced**
Outdoor: JS48D-060DB: S: JSF160300860
Music Room
1 Split (5 Ton) **unit needs to be replaced**
Outdoor; M: TZAA-360-DA; S: 7805W500906049
Cafeteria 1 split - (Allied Commercial) 15 Ton **Working**
M: TSA18054DN1Y; S: 5615FO422
Auditorium 1York split (30 Ton) **Working**
M: J30HBC00AZCAAZ; S: NOG9084231
B-206: 1-Bard split unit 4 Ton - **unit needs to be replaced**
M: QA481DOCZRF4E2G; S: A092592342
B-207: 1-Bard split unit 4 Ton - **unit needs to be replaced**
M: QA481DOCZRF4E2G; S: A092592341
B-208: 1-Bard split unit 4 Ton - **unit needs to be replaced**
M: QA481DOCZRF4E2G; S: A092592337
B-209: 1-GREE mini split 1.5 Ton - **unit needs to be replaced**
M: GWC18MC-D3DNA; S: 63342425
B-210: 1-Bard split unit 4 Ton - **unit needs to be replaced**
: QA481DOCZRF4E2G; S: A092592331
B-215: 2-Bard split unit 4 Ton - **unit needs to be replaced**
(2) M: QA481DOCZRF4E2G; S: A092592338; S: A092591496

B-211: 1-Bard split unit 4 Ton - **unit needs to be replaced**

M: QA481DOCZRF4E2G; S: A092592332

B-212: 1-Bard split unit 5 Ton - **unit needs to be replaced**

M: QA601DOCZRF4E2G; S: K092646836

*Due to the damages received by the 2 Hurricanes we are not responsible for what could happens later with the working units.

John H. Woodson Elementary

Class Room	Area	Faulty Switch	Faulty Ceiling fan	Faulty Circuit	Faulty Breaker	Faulty Fixture	Faulty AC Unit	Faulty Recept.
C117			2					
Close C118								
C128				1		5		
	Auditorium Area					25		
C112			2	1				
C118	Store Room					1		
B101			1					
B104			1			1		
B106			1					
	B Wing Hallway					6		
	Maintenance Room Area B	1	1					
B 117			1			1	1	
B116						1		
B115			2					
B 213				1		1		
Close B215								
	B Wing Boy's Rest Room			1				
	B Wing Hallway Next to Girl's RR			1				2
B205			2					
	Auditorium			1		25		
	Girl's RR Next to Auditorium			1				

Class Room	Area	Faulty Switch	Faulty Ceiling fan	Faulty Circuit	Faulty Breaker	Faulty Fixture	Faulty AC Unit	Faulty Recept.
	Music Room			1		1		1
124			4					3
126			2					3
127			4					3
129			4					3
	Boy's & Girl's Rest Room Area B			1		1		
	Storage Room Area B							1
B107			2	1				1
B109			3				1	3
B112			1					
	B 2nd floor Hallway Light					7		
	B 1st floor Hallway Light					8		
	GYM					8		
	Hallway					11		
	Hallway							1
A123			4	1				1
A125			4	1				1
A128			4	1			1	1
A131			4	1				1
	Library			1			No AC	1
B108			1				1	
B206			1	1 AC Circuit				
B209						1		

Class Room	Area	Faulty Switch	Faulty Ceiling fan	Faulty Circuit	Faulty Breaker	Faulty Fixture	Faulty AC Unit	Faulty Recept.
B211				1 AC Circuit		1		
B212			1			1		
B 201			2					
B203			1					
B204						1		
	Kitchen							
	Exterior Pole Lights			1				

School: **John Woodson**

Inspection Date: 3/12/2018

Inspector: Steven A. Garner, P.E. (1254E)

Item #	Room	Equipment	Manufacturer	Replace	Possible Risk	Signs of Corrosion	Signs of Overheating	Thermal Image	Grounding Issue	Photo	Notes / Recommendation
1	Main Electrical / Generator	MSB 2: 1200A, 4W, 480V/277 Distribution Panel, MB G.O. #STA0093930, Item #001 Date Mfg: 8/5/2009	Eaton	No	No	No	See Note	No	No	JW-01A, JW-01B, JW-01C, JW-01D	1200A Main Incoming Switch look almost new. No signs of water intrusion or corrosion. Connections look good as well. Although, there was evidence of some type of spark on the front panel near the Main Breaker and on one of the 250A distribution breakers. 250A breaker shows internal overheating and arcing of some kind that caused this. Recommend a thermal imaging scan while powered and take the appropriate action or replace breaker now.
2	Main Electrical / Generator	MSB: 800A, 4W, 480V/277 Distribution Switchboard. Cat #42-68368-1A	Square D	No	No	Light on Gnd	No	No	No	JW-02	Older unit that MSB2 (1200A). There are some 500 MCM cables that need to be terminate (or taped off). The hinged door on the Main Breaker is not secured. Need bolts. Ground Bar shows signs of corrosion. Recommend to clean to ensure solid connections.
3	Main Electrical / Generator	225kVA, dry transformer. 480/208Y-120, 3 Phase. Cat#225T3H	Square D	No	No	No	No	No	No	--	The transformer and associated disconnect are in good condition.
4	Main Electrical / Generator	800A, 4W, 208Y-120, Distribution Switchboard. Cat #42-68368-2	Square D	No	No	No	No	No	No	JW-04	Switchboard shows a little aging, but no water intrusion. Slight rust in areas such as the neutral bar. Many cable terminations into lugs should be cleaned. There is a lot of dust buildup in the cabinet and on terminations. Once cleaned, apply antioxidant and re-connect. Neutral bar should be cleaned with a wire brush. Cabinet and terminations should then be thermal imaged to ensure there are no issues.
5	Main Electrical / Generator	200A/225A, 208Y-120 Distribution fed from Item 4, 200A breaker	Unknown	No	Yes	Yes	No	No	Possible	JW-05	Distribution Panel cover is not on. It is on the ground. Dust and dirt have covered the inside of the panel. Neutral bar shows signs of corrosion. Would clean panel and all connections, add antioxidant. Neutral from 800A feed breaker has yellow tape on it, should be white.
6	Generator Rm	125 kW/ 156 kVA, 208Y-120. Model #125ROZ181. Spec #189705-81	Kohler	Yes	--	Yes	No	No	No	JW-06	This Generator is inactive. The radiator and other pieces are missing.
7	Generator Rm	T-200 Automatic Transfer Switch (ATS) #07443 P8. 225A, 120/208, 4W.	Lake Shore Electric	Possible	Possible	Yes	No	No	Possible	JW-07	Generator is not operational. ATS is there to route the utility power. This is a single motor relay ATS that is always either in the Source 1 or Source 2 position (no neutral position). This is ok for this non-service rated application. However, the motor is vibrating and making noise ... signs of a failure.
8	Electrical / Generator Room	General	--	--	--	--	--	--	--	--	Building roof does not appear to have any leaks or water intrusion. Could use some work, but no water on equipment

Itemized List - John Woodson Junior High School

	Description	CSI Number	Qty	Unit
1	Fire equipment cabinets, portable extinguisher, single, steel box, recessed, D.S. glass in door, aluminum door & frame, 8" x 12" x 27", excludes equipment	10441 353 1000	3	Ea.
2	Fire extinguishers, dry chemical, pressurized, ABC all purpose type, portable, 9-1/2 lb	10441 613 2080	3	Ea.
3	Scaffolding, steel tubular, regular, frame, buy, 5' high x 5' wide	01542 370 1150	50	Ea.
4	Scaffolding, steel tubular, regular, accessory, cross brace, buy	01542 370 1500	50	Ea.
5	Scaffolding, steel tubular, regular, accessory, guardrail post, buy	01542 370 1550	50	Ea.
6	Scaffolding, steel tubular, regular, accessory, screw jack & plate, buy	01542 370 1650	100	Ea.
7	Scaffolding, steel tubular, regular, accessory, plank, buy, 2" x 10" x 16' long	01542 370 1800	25	Ea.
8	Selective demolition, chain link fences & gates, fence, posts, steel in concrete	02411 362 1000	2	Ea.
9	Selective demolition, chain link fences & gates, fence, fabric & accessories, fabric, to 8' high	02411 362 1100	1125	L.F.
10	Selective demolition, rubbish handling, dumpster, 40 C.Y., 10 ton capacity, weekly rental, includes one dump per week, cost to be added to demolition cost	02411 919 0840	60	Dump
11	Concrete crack repair, structural repair by epoxy injection (ACI RAP-1), suitable for horizontal, vertical and overhead	03013 071 1420	100	L.F.
12	Unit masonry stabilization, structural fabric method, primer	04012 041 0310	2500	S.F.
13	Unit masonry stabilization, structural fabric method, apply filling/leveling paste	04012 041 0320	2500	S.F.
14	Cleaning masonry, new construction, medium construction dust, by chemical, brush and rinse, excludes scaffolding	04013 020 0220	97480	SF
15	Cleaning masonry, light restoration, average soil, biological staining, by chemical, low pressure wash, brush and rinse, excludes scaffolding	04013 020 0270	2500	S.F.
16	Selective demolition, thermal and moisture protection, downspouts, including hangers	07050 510 0120	60	L.F.
17	Selective demolition, thermal and moisture protection, gutters, metal or wood, edge hung	07050 510 0420	260	L.F.
18	Roof deck insulation, fiberboard high density, 1-1/2" thick, R3.8, fastening excluded	07221 610 0130	50	S.F.

Itemized List - John Woodson Junior High School

	Description	CSI Number	Qty	Unit
19	Steel roofing panels, on steel frame, flat profile, zinc aluminum alloy finish, 1-3/4" standing seams, 10" wide, 22	07411 320 0735	4000	S.F.
20	Soffit, PVC, white, solid	07467 310 0300	40	S.F.
21	APP modified bituminous membrane, smooth surface flashing, 170 mils, torched	07521 310 2300	50	S.F.
22	Steel downspouts, galvanized, round, corrugated, 5" diameter, 26 gauge	07712 310 5100	60	L.F.
23	Galvanized steel gutters, half round or box, stock, 5" wide, 26 gauge	07712 330 2700	260	L.F.
24	Door demolition, exterior door, single, 3' x 7' high, 1-3/4" thick, remove	08050 510 0200	10	Ea.
25	Door demolition, interior wood door, 1-3/4" x 3'-0" x 6' -8", remove	08050 510 1000	20	Ea.
26	Window demolition, aluminum, to 25 S.F.	08050 520 0240	49	Ea.
27	Doors, hollow metal, commercial, steel, flush, full panel, hollow core, 1-3/8" thick, 20 ga., 3'-0" x 6'-8"	08131 313 0060	10	Ea.
28	Door, wood, architectural, flush, interior, hollow core, 7 ply, H.P. plastic laminate, 1-3/8", 3'-0" x 6'-8"	08141 609 1780	20	Ea.
29	Windows, aluminum, commercial grade, stock units, awning type, standard glass, 3'-0" x 4'-0" opening, incl. frame and	08511 320 3910	31	Ea.
30	Ceiling demolition, suspended ceiling, mineral fiber, 2 x 2 or 2 x 4, remove	09050 510 1200	58434	S.F.
31	Ceiling demolition, wood tongue and groove, 1" x 4", remove	09050 510 2000	1700	S.F.
32	Flooring demolition, vinyl composition tile, 12" x 12"	09050 520 0900	13727	S.F.
33	Gypsum wallboard, on ceilings, fire resistant, w/compound skim coat (level 5 finish), 1/2" thick	09291 030 1195	200	S.F.
34	Gypsum wallboard, on walls, fire resistant, w/compound skim coat (level 5 finish), 5/8" thick	09291 030 2195	10000	S.F.
35	Suspended acoustic ceiling tiles, mineral fiber tile, lay-in, fine	09512 310 1125	58434	S.F.
36	Acoustic ceiling grid, 2' x 2'	09532 330 0300	19455	S.F.
37	Interior ceilings, wood slats on heavy duty 15/16" t-bar grid, 4"-6" wide	09542 610 1000	1700	S.F.

Itemized List - John Woodson Junior High School

	Description	CSI Number	Qty	Unit
38	Flooring, vinyl composition tile, marbleized, 12" x 12" x 1/8"	09651 919 7350	13727	S.F.
39	Paints & coatings, walls, concrete masonry units (CMU), smooth surface, first coat, latex, roller	09911 390 0410	2500	S.F.
40	Painting walls, complete, on drywall or plaster, primer and 2 finish coats, with roller, including surface preparation	09912 372 1670	10200	S.F.
41	Exterior shutters, roll-up, manual operation, aluminum, 3' x 4', includes frame	10711 319 0020	18	Ea.
42	Selective demolition, countertop	12050 510 1200	251	L.F.
43	Selective demolition, wall cabinets, wood, to 84" high	12050 510 3130	251	L.F.
44	Custom cabinets, rule of thumb: kitchen cabinets, excl. counters & appliances, minimum	12322 310 9560	251	L.F.
45	Countertops, stock, plastic laminate, 24" wide, includes backsplash, maximum	12362 313 0100	251	L.F.
46	Metal ductwork, fabricated rectangular, 500 to 1000 lb., aluminum alloy 3003-H14, incl fittings, joints, supports & allow for a flexible connections field sketches, excludes as-built drawings and insulation	23311 313 0120	2000	LB
47	Fans, roof exhauster, centrifugal, aluminum housing, bird screen, back draft damper, direct drive, 1/4" S.P., 320 CFM, 12" galvanized curb, 11" sq. damper	23341 610 7100	1	Ea.
48	Fans, ceiling fan, paddle blade air circulator, 6,500 CFM high, 4,000 CFM low, 52", includes 3 speed switch	23342 310 3040	93	Ea.
49	Condensing unit, air cooled, compressor, 1.5 ton, includes standard controls	23621 310 0050	1	Ea.
50	Condensing unit, air cooled, compressor, 5 Ton, includes standard controls	23621 310 0500	10	Ea.
51	Self-contained single package A.C., air cooled, for free blow or duct, constant volume, 3 ton cooling, excludes remote condenser	23811 920 0200	1	Ea.
52	Split ductless system, cooling only, single zone, wall mount, 3/4 ton cooling	23812 610 0120	14	Ea.
53	Split ductless system, cooling only, single zone, wall mount, 2 ton cooling	23812 610 0150	30	Ea.

Itemized List - John Woodson Junior High School

	Description	CSI Number	Qty	Unit
54	Switch devices, residential, single pole, #12/2, EMT & wire, 20', 20 amp, incl box & cover plate	26059 010 2280	2	Ea.
55	Generator set, gas/gasoline, 3 phase 4 wire, 277/480 V, 125 kW, includes battery, charger, & muffler	26321 316 0800	1	Ea.
56	High pressure sodium fixture, interior, recessed, round, 70 W, incl lamps and mounting hardware	26511 340 0700	20	Ea.
57	TV systems, antenna, pole, 10'	27413 310 5130	2	Ea.
58	Closed circuit television system (CCTV), industrial quality, for additional camera stations, add	28231 310 2600	2	Ea.
59	Chemical termite control, slab and walls, commercial, maximum	31311 613 0200	30000	SF Flr.
60	Chain link fence gates and posts, motor operators for gates, up to 20' wide swing, excludes electric wiring & excavation	32311 110 7815	2	Ea.
61	Fence, chain link industrial, galvanized steel, 6 ga. wire, 2" posts @ 10' OC, 6' high, includes excavation, & concrete, excludes barbed wire	32311 320 0800	100	L.F.
62	Fence, chain link industrial, galvanized steel, 6 ga. wire, 2-1/2" posts @ 10' OC, 8' high, includes excavation, in	32311 320 0920	1025	L.F.