



ENVIRONMENTAL SERVICES, LLC

SCOPE OF WORK

FOR

**PRE-DEMOLITION
REMOVAL OF NONFRIABLE
ASBESTOS-CONTAINING
FLOORING AND ROOFING MATERIALS**

**GLYNN ARCHER ELEMENTARY SCHOOL COMPLEX
(CITY HALL PLANNING PROJECT)
1302 WHITE STREET
KEY WEST, FLORIDA 33040**

Prepared for

**BENDER & ASSOCIATES ARCHITECTS, P.A.
410 ANGELA STREET
KEY WEST, FL 33040**

Mr. BERT L. BENDER, ARCHITECT

Prepared by



**EE&G Environmental Services, LLC
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September 24, 2013
EE&G Project Number 2012-2373

**GLYNN ARCHER ELEMENTARY SCHOOL
PRE-DEMOLITION ABATEMENT
SCOPE OF WORK**

INTRODUCTION

The following constitutes a scope of work only. The items listed are specific to the described abatement job only. In addition to the items in the scope of work, the contractor is expected to abide by all relative guidelines included in the Architects Bidding Documents, if any.

LOCATION AND AMOUNTS OF ASBESTOS-CONTAINING MATERIALS (ACM)**BUILDING A****FLOOR 1:**

ROOMS	ACM /SF	CARPET	PLYWOOD?	ADD VFT LAYER
Corrs/Landings/ Stairwells/Cust.122	9" Base VFT/2,300	NA	NA	2,300 top VFT
Admin Offices 119	9" Base VFT/1,100	<600	NA	1,100 top VFT
CRooms: 100, 102, 103	9" Base VFT/1,950 Total	650 in 102	1,950 Total	1,950 total
	*5,250	<1,250	1,950	5,250

FLOOR 2:

ROOMS	ACM /SF	CARPET	PLYWOOD?	ADD VFT LAYER
Corrs/Landings/ Stairwells/	9" Base VFT/2,300	NA	NA	2,300 top VFT
CRooms 200, 202, 203, 204, 205, 212, 213	9" Base VFT/5,500	NA	3,100 total	4,200 top VFT (not in 204/205)
Roof deck	Parapet wall&cap/2,400	NA	NA	NA
	*7,800 VFT/2400 ROOF	0	3,100	6,700

***All black base floor felts are nonACM**

BUILDING B**FLOOR 1:**

ROOMS	ACM /SF	CARPET	PLYWOOD?	ADD VFT LAYER
Corrs/Landings/ Stairwells/Cust.	9" Base VFT/2,300	NA	NA	2,300 top VFT
CRooms: 104, 105, 106, 107, 108, 109, TL	9" Base VFT/4,600	NA	3,500	3,500 top VFT (not in 107/108 partial)
	*6,700	0	3,500	5,800

FLOOR 2:

ROOMS	ACM /SF	CARPET	PLYWOOD?	ADD VFT LAYER
Corrs/Landings/ Stairwells	9" Base VFT/2,300	NA	NA	2,300 top VFT
CRooms 206, 207, 208, 209, 210, 211, 215	9" Base VFT/5,500	NA	3,300 total	3,300 top VFT (not in 206/207/215)
	*7,800	0	3,300	5,600

***All black base floor felts are nonACM**

AUDITORIUM

ROOMS	ACM /SF	CARPET	PLYWOOD?	ADD VFT LAYER
Main Floor	Beige Linoleum/3,700	NA	NA	3,700 VFT
	3,700	0	0	*3,700

***All black base floor felts are nonACM**

**** Approx. 528 seats to be removed in 44 rows of 12 attached seats**

Each row of seats shall be unfastened, feet wiped, and removed as much intact as possible to A corridor for rerouting off-site by others.

BUILDING C

MAIN SECTION AND LIBRARY:

ROOMS	ACM /SF	CARPET	PLYWOOD?	ADD VFT LAYER
Corridors	Grey/Green VFT and Black mastic/2,500	NA	NA	2,500 top VFT
Media Rms 113	9" VFT&mastic/1000	1000	NA	NA
Rm 114B3	9" VFT&mastic/200	200	NA	NA
110, 111, 133, 126	9" VFT&mastic/2,500	1000	NA	2,000
	*6,200	2,200	0	4,500

CAFETERIA/OFFICES:

ROOMS	ACM /SF	CARPET	PLYWOOD?	ADD VFT LAYER
Main and Servery And 136C	VFT w/ACM black mastic/3,600	NA	NA	NA
Office	9" VFT&mastic/200	NA	NA	NA
Roof deck (up against library atrium)	Wall counterflashing/600	NA	NA	NA
	*3,800 VFT/600 ROOF	0	0	0

***All black base floor mastic on concrete is ACM**

TOTAL FOR ALL BLDGS

ACM VFT AND MASTIC	CARPET	PLYWOOD	ADD VFT LAYER	ROOF FLASHINGS
35,600+/- SF	3,500+/- SF	11,700+/- SF	31,500+/-	3,000 SF (A & C ONLY)

In addition, various nonACM materials are to be removed and set aside for demolition crew:

- NonACM VFT over plywood and/or vinyl baseboard w/glue (where present) TBD.
- Carpet over nonACM or ACM VFT (no adhesion).
- Plywood that can be removed intact with no ACM VFT adhesion.
- Each row of seats shall be unfastened, feet wiped, and removed as much intact as possible to A corridor for rerouting off-site by others.

PREPARATION/REMOVAL NOTES

- All furniture will be removed by CKW prior to mobilization. Any bookshelves built into walls must be demolished to access any ACM VFT under these units.
- Only "Low Odor" or "No Odor" mastic remover is to be employed during this project. A MSDS sheet must be submitted as part of Bid Documents and a copy must be posted on site at all times.
- All ACM debris shall be immediately wetted with amended water and bagged, and shall not be permitted to accumulate on the ground past the end of the shift. The air inside the containment shall be continuously misted so as to minimize airborne dust and asbestos fibers.
- All scaffolding or ladder structures employed in any enclosure must undergo inspection by Consultant and Engineer (if necessary) to assure structural integrity and adherence to OSHA guidelines.

INITIAL PREPARATORY WORK/ENCLOSURE SYSTEMS

The enclosure for the removal of the nonfriable ACM floorings shall consist of the following: Critical barriers where needed (i.e. vents or openings to the building such as windows, doors, vents). One layer of 6 mil polyethylene sheeting shall be the minimum protection on porous walls (i.e. drywall partitions). Contractor shall establish critical barrier seals and create a pressure differential so that the ambient pressure (outside the abatement area in the clean room) has positive air pressure relative to inside the abatement area (a minimum of 0.02 inches of water). Contractor shall have a functioning, recording manometer for the each work area/floor where removal has commenced and has not yet been cleared.

DECONTAMINATION FACILITIES

Enclosures shall require a three-chambered decontamination facility with a plywood frame and a polyethylene skin. The decontamination unit shall consist of a clean room, airlock, shower, airlock, and then equipment room. The middle chamber of the facility shall be a shower unit used to decontaminate equipment and double-bagged ACM waste. Water for shower must be

supplied by connection from the nearest water source. Waste water will be filtered and discharged into a sanitary sewer or drain. Decon placement is suggested inside locked doors at stairwells.

RESPIRATORY/PERSONNEL PROTECTION

Contractor personnel will be required to wear, initially at a minimum, Powered Air Purifying Respirators (PAPRs) during gross removal activities of ACM VFT/mastic and linoleum. Contractor personnel may be permitted to wear half-face, negative pressure respirators during mastic removal or final cleaning if analyzed air samples (Short Term Excursion Level (STEL) and 8-hour TWA) collected during gross removal indicate fiber levels below 0.1 fibers per cubic centimeter of air (f/cc).

UTILITIES

Electricity will be active throughout the facility by the Owner before mobilization. However, Contractor must arrange for any circuit-breaker upgrade/installation for excessive power usage. The Contractor is responsible for supplying sufficient power for the operation of equipment used by either the Contractor or the Consultant. Alteration of existing electrical systems shall only be conducted by a licensed electrician. Electrical cords and equipment shall be three-pronged and shall include ground fault interrupters (GFI) in line with the supplied electrical current prior to the electrical current entering the work area. Contractor shall supply sufficient lighting for all phases of abatement. Contractor shall have on site an alternate source of power (i.e. generator) of sufficient power to maintain the use of abatement equipment in the event of power outage. Water is available from the bathrooms in each building.

FINAL CLEARANCE TESTING

The contractor is required to create a dust free environment within each work area, including removal of all ACM and associated debris. After encapsulation and sufficient time allotted for drying, each work area shall undergo an aggressive Final Clearance Test using PCM (Phase Contrast Microscopy) techniques established under Limits of Detection in NIOSH 7400 Method. Each work area shall be considered to have "clean air" when all five inside samples has have an airborne fiber level of less than 0.010 fibers/cc with a 95% Upper Confidence Limit. No outside samples will be collected; therefore, the abatement contractor will be responsible for costs for recleaning, re-encapsulation and re-testing of each applicable work area.

NOTICES TO CONTRACTOR

Employee Behavior

- No employee of Contractor shall be allowed to remain on Owner's property who is intoxicated by drugs or alcohol, or who is observed using drugs or alcohol on Owner's property.
- Smoking is not allowed in or outside the building at anytime. Employees who violate this rule will be asked to leave the job site.
- Weapons, and other hazardous, dangerous, or otherwise disruptive items in the possession of Contractor or its employees are not allowed on Owner's property.
- Contractor and its employees are required to display good manners to building staff and occupants at all times while on Owner's property. Complaints to

Consultant or Owner regarding harassment, threatening behavior, poor personal hygiene, or use of profanity or offensive language by any employee of Contractor may result in the suspension of abatement activities until the behavior problem is corrected.

Maintenance of Job Site

Contractor is responsible for maintaining appearance and sanitary conditions at job site. Owner requires that the job site be maintained in the following manner:

- Construction debris: All construction debris (in public view) shall be deposited in dumpsters/truck/trailer prior to Contractor's personnel leaving site after each shift.
- Dumpster location: ACM waste must be transported in a poly-lined trailer, truck, or dumpster in accordance with all applicable Local, State and Federal regulations.
- Portable toilets: If needed, Contractor may furnish portable toilets for all phases of the project. Contractor's personnel may use facilities located off-site during breaks. Contractor may not use toilets in the work area.
- Job site appearance: Contractor shall police job site, both interior and exterior, prior to releasing personnel from job site.

Personal Air Monitoring

- Contractor shall be responsible for conducting all personal air monitoring. The personal air monitoring will consist of:
- An 8-hour Time Weighted Average (TWA) for samples collected on 25% of the work force during each eight hour shift for the duration of the project.
- Continuous personal monitoring to be conducted during preparation, removal, and final cleanup, unless Type C pressure demand respiratory protection is used.
- Excursion Limit, or Short Term Exposure Limit (STEL) sampling shall be performed during all phases of the asbestos abatement project to establish the STEL for each job function.
- Contractor may use an accredited Asbestos Abatement Supervisor to oversee and direct personal air sampling, using Contractor's own equipment. Contractor must have all PCM samples analyzed by an NVLAP-accredited laboratory that participates in the PAT program. Contractor may use Consultant laboratory for analysis of personal air samples, upon agreement between Consultant and Contractor. If a laboratory other than that used by Consultant is to be used for PCM analysis of personal air samples, submit laboratory information at award of contract for final approval by Owner.

Security

Site Security:

Contractor shall provide site security during the hours when Supervisor, workers, and all subcontractors (i.e. demolition and disposal personnel) are on site. During the hours when Contractor is not on site, Owner will specify the time period during which security will be provided by the Owner.

Security of Containments:

An employee of Contractor must be present at the entrance to the decontamination unit (clean room) while Contractor is performing work in the work area. The entrance to any containment must be locked at all times that Contractor personnel are not inside containment or on the job site.

Financial Responsibilities

Contamination Damages: See Coastal Construction Contract Documents.

Payment for Re-cleaning and Re-testing: Contractor shall pay Consultant costs for overseeing re-cleaning and performing re-testing of an asbestos abatement area upon failure of any PCM Final air test.

PROJECT DATES AND DURATION

The project will be performed in one main phase in late Fall 2013. An additional mobilization in 2014 to perform roofing removal on A& C shall also be accounted for. See Construction documents for general project phasing.

Start Date: To be determined, estimated October through Christmas Break 2013.

Work Hours: Contractor may perform work on weekdays and weekends. Normal working hours are 7 a.m. to 7 p.m. Monday through Saturday.

BONDING AND INSURANCE

See Construction Contract document for insurance requirements.

BID SUBMITTAL

See Construction Contract documents

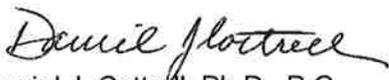
SIGNATURES

Prepared by



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Certified Abatement Designer,
Asbestos Operations Manager, Miami, EE&G

Reviewed by



Daniel J. Cottrell, Ph.D., P.G.
Senior Technical Advisor, EE&G
Asbestos Consultant #DD0000010

APPENDIX A
ACM LOCATION DIAGRAMS

UNITED STREET



ACM KEY	
	VFT/ACMVFT/FELT ON WOOD
	BLUE VFT AND/OR CARPET OVER ACM VFT/FELT ON WOOD
	ACM LINO/ACM VFT/FELT ON WOOD
	9" ACM VFT/FELT ON WOOD
	NONACM/PLYWOOD/9" ACM VFT/FELT ON WOOD
	CARPET OVER ACM VFT/FELT ON WOOD

" B " WING

SEMINART STREET

" A " WING

FOUNDATION AND FIRST FLOOR PLAN - A & B WING
1/8" = 1' - 0"



- NOTES:
- TOP OF EXISTING FLOOR SHEATHING APPROXIMATE ELEVATION +3'-0" IS REFERENCED FROM EXISTING GRADE.
 - THE STRUCTURAL FRAMING LAYOUT IS A GENERAL SURVEY OF THE EXISTING STRUCTURAL MEMBERS, BASED ON SEVERAL OBSERVATION ACCESS HOLES. THE EXACT CONDITIONS, ELEVATIONS, LOCATIONS, AND SIZE OF THE STRUCTURAL MEMBERS MUST BE FIELD DETERMINED FOR THE FINAL DESIGN.
 - THE DIMENSIONS AND ELEVATIONS ARE SHOWN ON THE PLAN FOR REFERENCE. THE EXACT DIMENSIONS AND ELEVATIONS MUST BE FIELD VERIFIED FOR FINAL DESIGN.
 - (**) INDICATES EXISTING WOOD FLOOR JOIST AND ROOF TRUSS / Rafter REQUIRED REINFORCEMENT.
 - "CB" INDICATES WOOD POST BELOW THE FLOOR FRAMING.
 - UNLESS NOTED OTHERWISE, BEAMS DO NOT REQUIRE ADDITIONAL REINFORCEMENT. NOTATION "R#" FOLLOWED BY A NUMBER CORRESPONDS TO REQUIRED BEAM REINFORCEMENT FOR REINFORCEMENT SCHEDULE AND DETAILS. REFER TO SCHEDULES SR-15E.
 - "R#" INDICATES EXISTING CONCRETE FOOTING WITH ADDITIONAL REINFORCEMENT AND CHARGED BEARING SURFACE AREA.
 - INTERIOR WALLS CONSIST OF 1/2" x 5/8" x 1/2" WOOD STUD WALL.

PROVIDE 1 1/2" THICK PLYWOOD SHEATHING, GRADE DOG PSI AND PSI WITH 10# (30,131#) WALLS REINFORCE 1/2" WIG FRAMING, SPACED AT 4' c/c PANEL EDGE AND 8' c/c FIELD.

TYPE "A" - 32"x32" EXISTING CONCRETE FOOTING. ALL OTHER EXISTING FOOTINGS ARE 18"x18"

WALL	EXISTING MEMBER SCHEDULE
EX01	4-1/2" x 1/2"
EX02	2-1/2" x 1/2"
EX03	5-1/2" x 1/2"
EX04	2-3/4" x 1/2"
EX05	1-1/2" x 1/2"

UNITED STREET



ACM KEY	
	VFT/ACMVFT/FELT ON WOOD
	VFT/PLYWD/ACM VFT/FELT ON WOOD
	9" ACM VFT/FELT ON WOOD
	ACM ROOF WALL/CAP FLASHING

" B " WING

SEMINARY STREET

" A " WING

SECOND FLOOR FRAMING PLAN - A & B WING
1/8"=1'-0"



- NOTES:
1. TOP OF EXISTING FLOOR SHEATHING APPROXIMATE ELEVATION +17'-1 1/4" IS REFERENCED FROM EXISTING GRADE.
 2. THE STRUCTURAL FRAMING LAYOUT IS A GENERAL SURVEY OF THE EXISTING STRUCTURAL MEMBERS, BASED ON SEVERAL OBSERVATION ACCESS POINTS. THE EXACT CONDITIONS, ELEVATIONS, LOCATIONS, AND SIZE OF THE STRUCTURAL MEMBERS MUST BE FIELD DETERMINED FOR THE FINAL DESIGN.
 3. THE DIMENSIONS AND ELEVATIONS ARE SHOWN ON THE PLAN FOR REFERENCE. THE EXACT DIMENSIONS AND ELEVATIONS MUST BE FIELD VERIFIED FOR FINAL DESIGN.
 4. (H) INDICATES EXISTING WOOD FLOOR JOIST AND/OR ROOF TRUSS. / RATHER REQUIRED REINFORCEMENT.
 5. (CP) INDICATES WOOD POST BELOW THE FLOOR FRAMING.

PROVIDE 15/32" THICK PLYWOOD SHEATHING, GRADE 300 PSI AND PS2 WITH 10# (2X0.131#) NAILS PENETRATE 1 1/2" INTO FRAMING, SPACED AT 4" c/c FRAM. EDGE AND 6" c/c FIELD.

PROVIDE 15/32" THICK PLYWOOD SHEATHING, GRADE 300 PSI AND PS2 WITH 10# (2X0.131#) NAILS PENETRATE 1 1/2" INTO FRAMING, SPACED AT 3 1/2" c/c FRAM. EDGE AND 6" c/c FIELD.

Primary Route →
 Secondary Route - - - - -

C - BUILDING

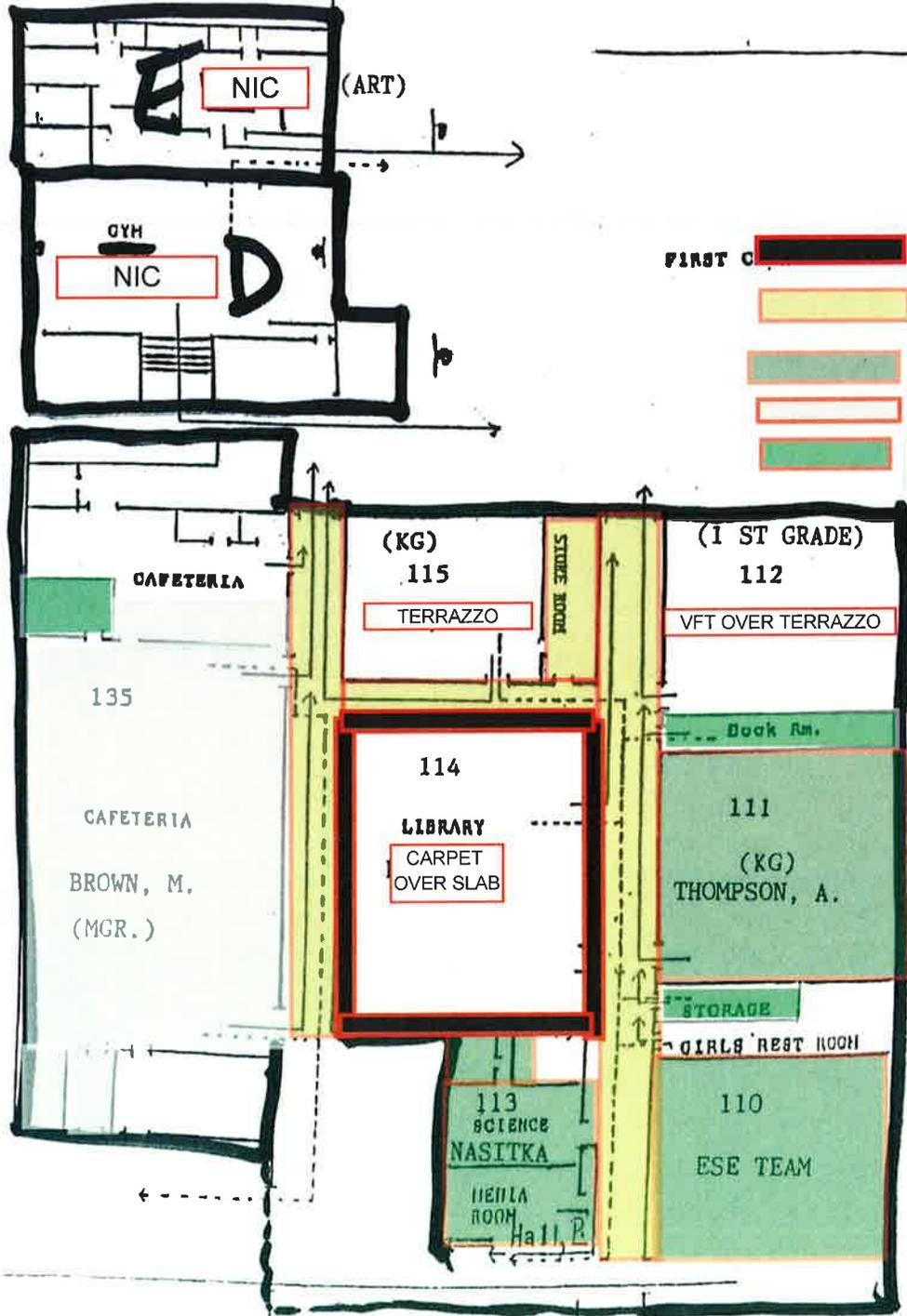
BACK COURT

EMPLOYEE PARKING

MIDDLE COURT

SEMINARY STREET

TED STREET



- ACM KEY
- ROOF CURB FLASHING
- NONACM VFT OVER VFT/ACM MASTIC
- 9" VFT/MASTIC w/carpet
- 12" VFT/ACM MASTIC
- 9" VFT/MASTIC (EXPOSED)

APPENDIX B
PHOTOGRAPHS



Photo 1: Former Glynn Archer ES at 1320 White Street, Key West



Photo 2: ACM VFT under nonACM VFT in A-100



Photo 3: ACM VFT under VFT in A-103



Photo 4: ACM VFT under carpet in A-102



Photo 5: ACM VFT under carpet in Admin 119F



Photo 6: ACM Vft under nonACM VFT in A corridors



Photo 7: ACM 9" VFT in 204



Photo 8: VFT over ACM VFT in 203



Photo 9: VFT over ACM VFT in A-202

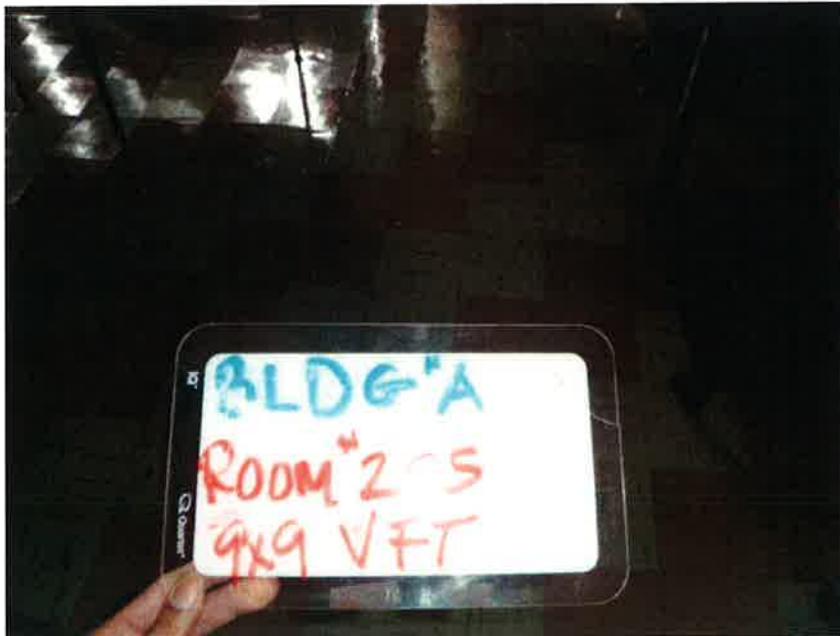


Photo 10: ACM 9" VFT in 205



Photo 11: Auditorium as seen from stage

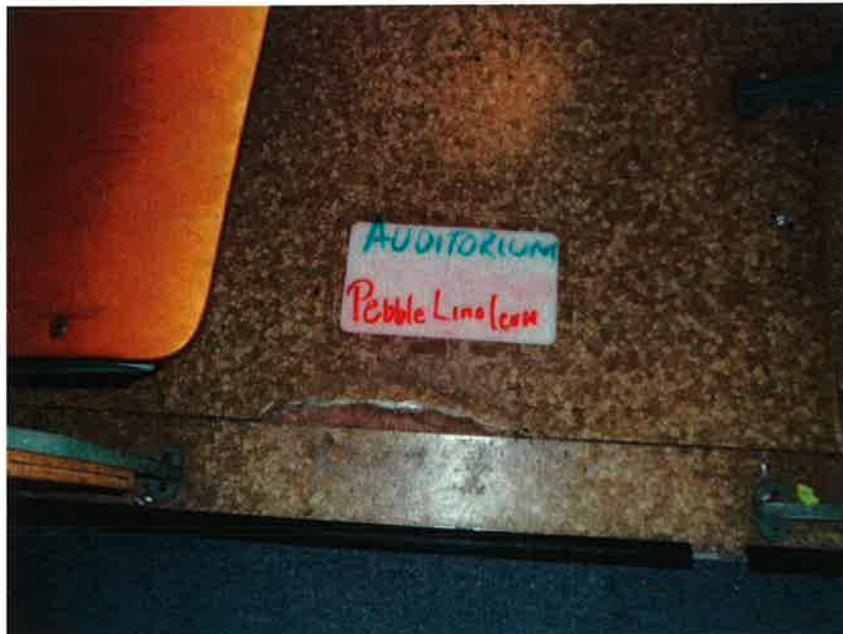


Photo 12: ACM linoleum over 9" VFT under all seats – approx. 3,700 SF total



Photo 13: AACM 9" VFT on B-206

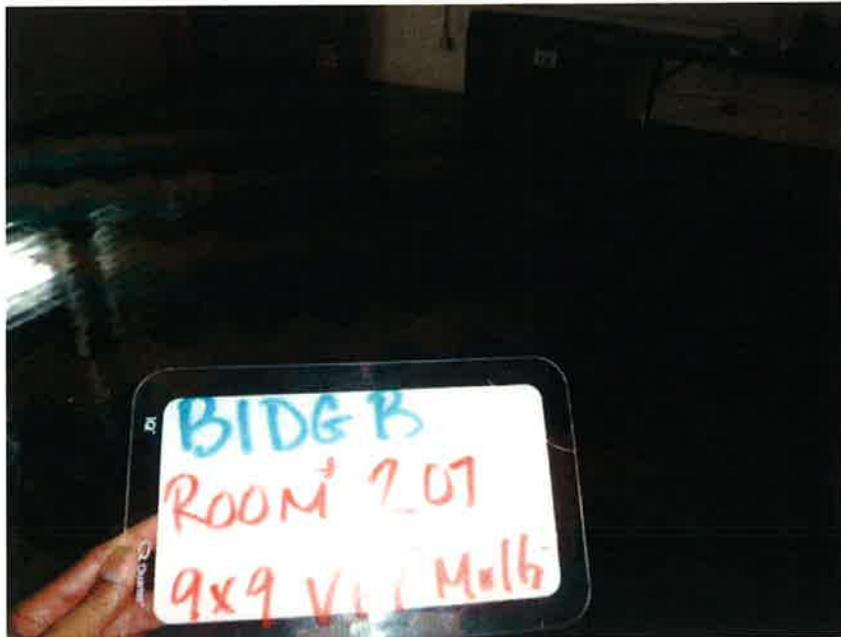


Photo 14: ACM 9" VFT in B-207

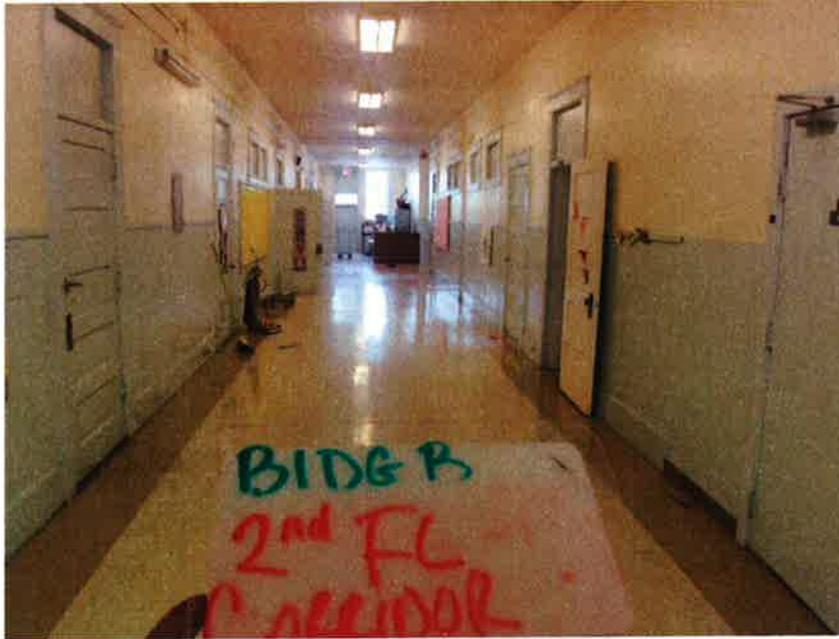


Photo 15: VFT over ACM VFT in B corridors



Photo 16: ACM 9" VFT in B-215

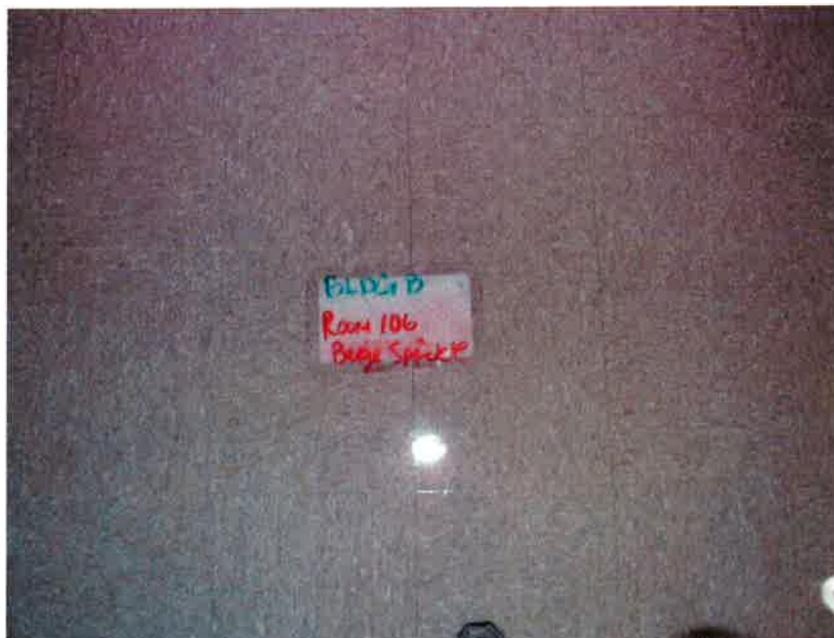


Photo 17: VFT over plywood and ACM VFT in B-106



Photo 18: ACM 9" VFT in B-107



Photo 19: ACM VFT in partial 108

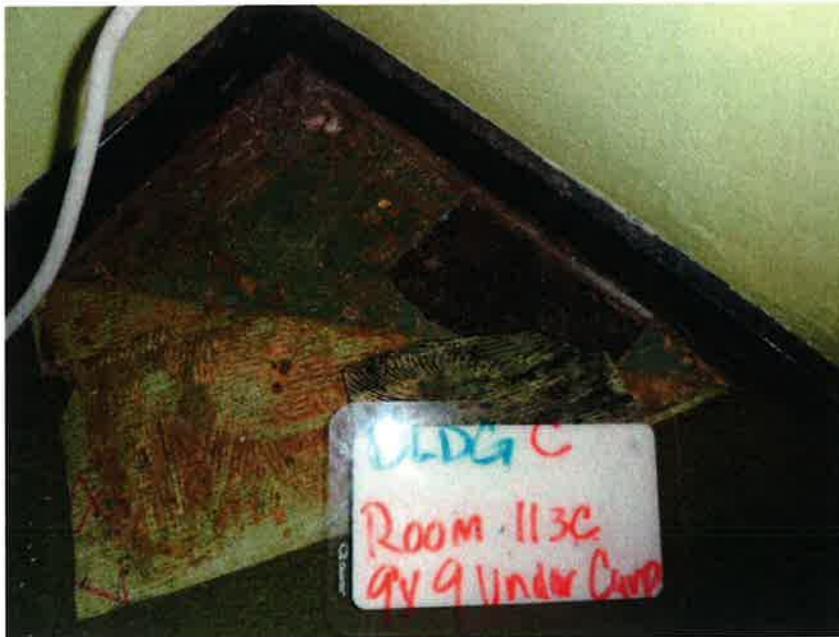


Photo 20: ACM VFT under carpet in C-113C

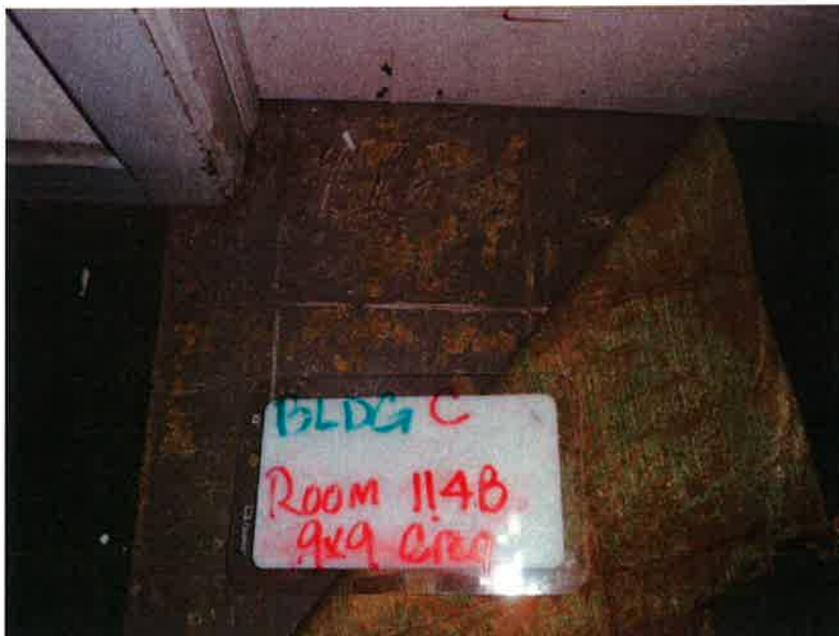


Photo 21: ACM VFT/mastic under carpet in C114B



Photo 22: Terrazzo marble in C-115C

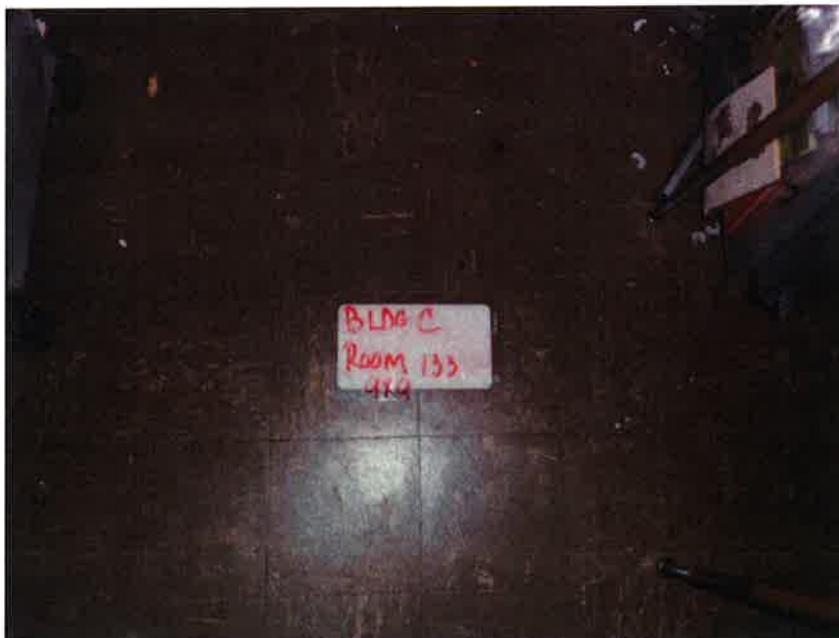


Photo 23: ACM 9" VFT/mastic in C-133

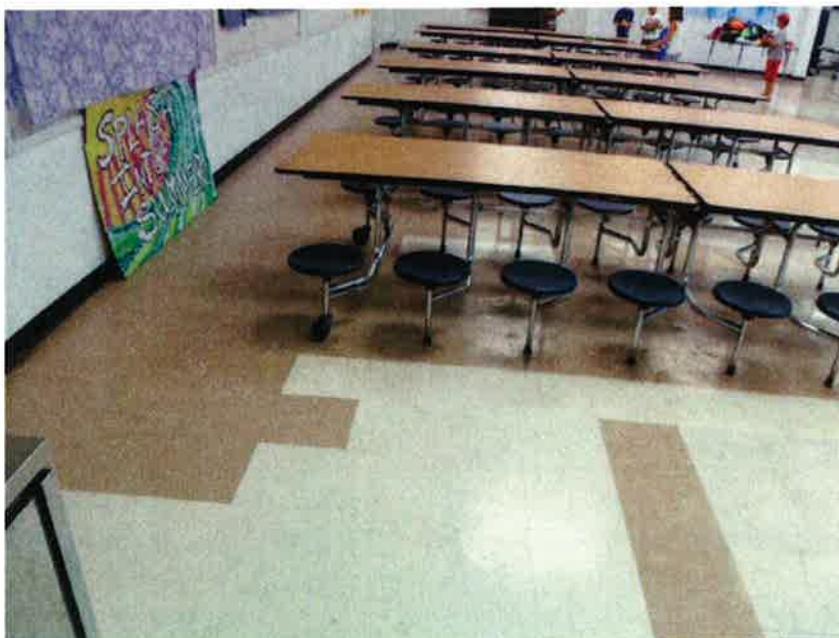


Photo 24: ACM mastic under VFT in cafeteria



Photo 25 ACM mastic under VFT ends behind Servery line

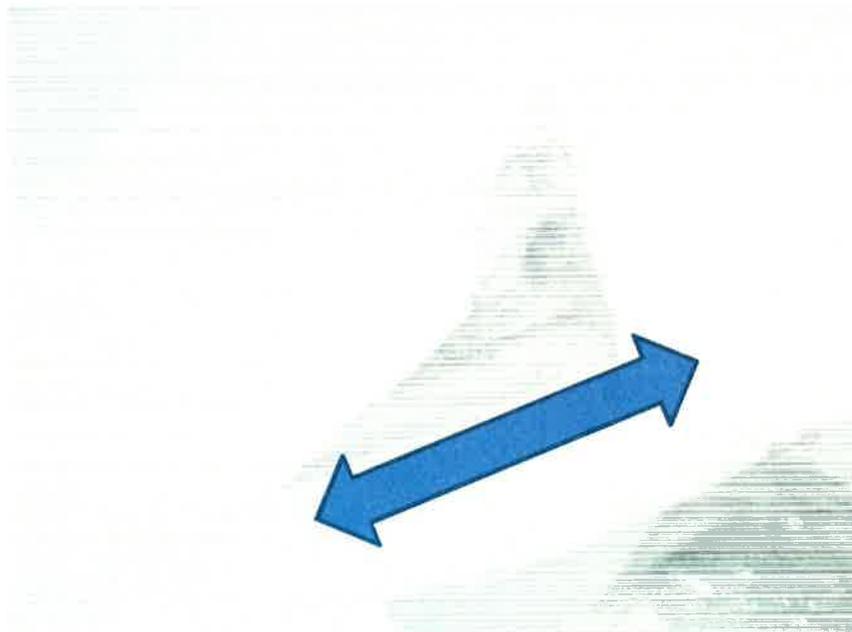


Photo 26: ACM curb counterflashing on library atrium roof perimeter

APPENDIX C
CERTIFICATES



Certificate # MEA9355081744C4E6

Richard Grupenhoff

has on 4/10/2013 in Sunrise, FL
completed the requirements for asbestos accreditation under Section 206 of TSCA Title II, 15 USC 2646

Asbestos Project Designer Refresher

as approved by FL
and the US EPA under 40 CFR 763 (AHERA)
from 4/10/2013 to 4/10/2013 and passed the associated exam on 4/10/2013
with a score of at least 70%



Bill Young
Instructor

Thomas Mayhew
President

Training Provider #: FL49-0001221
Course #: 130409ASBPDRFL58

SSN: XXX-XX-5232
Expiration: 4/10/2014

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STATE OF FLORIDA

**DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
ASBESTOS LICENSING UNIT**

SEQ# L12100303316

DATE	BATCH NUMBER	LICENSE NBR
10/03/2012	120122432	DD0000010

The ASBESTOS CONSULTANT
Named below IS LICENSED
Under the provisions of Chapter 469 FS.
Expiration date: NOV 30, 2014

COTTRELL, DANIEL JOSEPH
6367 SW 44 ST
MIAMI

FL 33155-5142

**RICK SCOTT
GOVERNOR**

**KEN LAWSON
SECRETARY**

DISPLAY AS REQUIRED BY LAW





ENVIRONMENTAL SERVICES, LLC

**LIMITED
LEAD-BASED PAINT INSPECTION REPORT**

FOR

**GLYNN R. ARCHER ELEMENTARY SCHOOL COMPLEX
CITY HALL PLANNING PROJECT
1302 WHITE STREET
KEY WEST, FLORIDA 33040**

Prepared for

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August 17, 2012
EE&G Project No. 2012-2373

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APPENDICES

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SECTION 1.0

INTRODUCTION

1.1 INTRODUCTION

At the request of the CH2M Hill (hereafter referred to as the Owner), EE&G Environmental Services, LLC (EE&G) conducted a limited Lead-Based Paint (LBP) inspection of buildings A, B, Auditorium, and C at Glynn Archer Elementary School located at 1302 White Street, Key West, Florida in June 2012 by Environmental Protection Agency (EPA) Lead-Based Paint Risk Assessor Hiram Aguiar of EE&G. EE&G's scope of work for this project consisted of evaluating the subject facility utilizing an X-Ray Fluorescence (XRF) instrument to assess for lead concentrations in selected painted building components.

1.2 OWNER INFORMATION

Not Available at the time of this inspection.

1.3 EDUCATIONAL MATERIALS

A copy of *Renovate Right: Important Lead Hazard Information for Families, Child Care Providers, and Schools* has been provided in Appendix A of this report. Federal law requires that individuals receive certain information before renovating more than two square feet of painted surfaces in housing, child care facilities and schools built before 1978.

- Homeowners and tenants: renovators must give you this pamphlet before starting work.
- Child-care facilities, including preschools and kindergarten classrooms, and the families of children under the age of six that attend those facilities: renovators must provide a copy of this pamphlet to child-care facilities and general renovation information to families whose children attend those facilities.

Federal law requires contractors that disturb lead-based paint in homes, child care facilities and schools built before 1978 to be certified and follow specific work practices to prevent lead contamination. Contractors must provide certification prior to renovations.

SECTION 2.0

**BUILDING DESCRIPTION
GLYNN ARCHER ELEMENTARY SCHOOL**

BUILDING A

The two-story classroom building, constructed in the 1920's, was observed to be constructed primarily of concrete, steel, and wood; interior walls were observed to be finished with plaster and drywall, ceilings were observed to be finished with laid-in ceiling tile, plaster and drywall. Floors were observed to be finished with vinyl floor tile, wood, and ceramic tile. County records were not available to review during the time of this inspection. See Appendix C for Figures.

BUILDING B

The two-story classroom building, constructed in the 1920's, was observed to be constructed primarily of concrete, steel, and wood; interior walls were observed to be finished with plaster and drywall, ceilings were observed to be finished with laid-in ceiling tile, plaster and drywall. Floors were observed to be finished with vinyl floor tile, wood, and ceramic tile. County records were not available to review during the time of this inspection. See Appendix C for Figures.

AUDITORIUM BUILDING

The one-story auditorium building, constructed in the 1920's, was observed to be constructed primarily of concrete, steel, and wood; interior walls were observed to be finished with plaster and drywall, ceilings were observed to be finished with laid-in ceiling tile, plaster and drywall. Floors were observed to be finished with linoleum and wood. County records were not available to review during the time of this inspection. See Appendix C for Figures.

BUILDING C

The one-story classroom building, constructed in the 1950's, was observed to be constructed primarily of concrete, steel, and wood; interior walls were observed to be finished with plaster and drywall, ceilings were observed to be finished with laid-in ceiling tile, plaster and drywall. Floors were observed to be finished with vinyl floor tile, wood, and ceramic tile. County records were not available to review during the time of this inspection. See Appendix C for Figures.

SECTION 3.0

METHODS AND LIMITATIONS

3.1 XRF METHODS

The limited inspection was performed based on a modified version of the protocol established in the "Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing" by the Department of Housing and Urban Development (HUD) in June 1995. A portable spectrum analyzing XRF instrument manufactured by Niton Corporation was utilized to perform a limited LBP inspection of accessible interior and exterior painted building components of buildings A, B, and Auditorium located at the subject property. The XRF serial number was 7510, and last date of calibration was July 11, 2011.

The XRF instrument performs a self-calibration test on startup. The calibration was then verified using a known standard from the United States Department of Commerce National Institute of Standards and Technology (NIST). QA/QC measurements were taken with the Level III (1.04 mg/cm²) NIST standard at the beginning and end of the inspection. XRF test results expressed lead concentrations in milligram per square centimeter (mg/cm²). The results were stored in the XRF for later retrieval in a spreadsheet format.

XRF testing locations, or testing combinations, were determined on site by an EPA Certified Lead-Based Paint Risk Assessor and the following factors; location (e.g. Building, Floor, Unit, Room), component (e.g. Wall, Ceiling, Door, Door Frame, Baseboard, etc.), substrate (e.g. Drywall, Concrete, Wood, Metal, etc.), and painting history (if available). An XRF reading was obtained from selected testing combinations.

3.2 LIMITATIONS

The limited inspection was conducted to assess selected painted building components for the presence of lead. Because of limitations in access this inspection can not be utilized as a Lead-Based Paint Inspection as defined in the HUD Guidelines, that is beyond the intent and scope of this limited inspection. The inspected areas are assumed to be representative of the materials used throughout the facility. This limited inspection report has been prepared by EE&G in a manner consistent with industry standards exercised by members of the profession practicing under similar conditions. No other warranty, expressed or implied is made. Under no circumstances is this limited inspection report to be utilized as a bid proposal or a project specification document, as this is not its intent. The intent of this inspection report is to assist the client in assessing for lead in selected painted building components.

EPA and HUD define lead-based paint (LBP) as; paint or other coatings that contain lead at or greater than the level of 1.0 mg/cm² or 0.5% by weight; however, the US Department of Labor's Occupational Safety and Health Administration (OSHA) lead regulation, 29 CFR 1926.62, does not recognize a concentration of lead in paint that may be safe for workers therefore, measurable amounts of lead are considered to be a potential source of exposure. This assessment can be utilized to identify building components that contain lead. However, as OSHA does not recognize the absence of lead through XRF, this assessment can not be utilized for establishing that coatings are lead-free for purposes of OSHA compliance.

EE&G's interpretations and recommendations are based upon the results of the XRF testing, environmental regulations, and quality control and assurance standards. The results, conclusions, and recommendations contained in this report pertain to conditions observed at the time of the inspection. Other conditions elsewhere at the subject facility may differ from those in the inspected locations and, such conditions are unknown, may change over time, and have not been considered.

This report was prepared solely for the use of EE&G's client, and is not intended for use by third party beneficiaries. The client shall indemnify and hold EE&G harmless against any liability for any loss arising out of or relating to reliance by any third party on any work performed there under, or the contents of this report. EE&G will not be held responsible for the interpretation or use by others of data developed pursuant to the compilation of this report, or for use of segregated portions of this report.

SECTION 4.0

INSPECTION FINDINGS

4.1 XRF TESTING RESULTS

HUD defines LBP as; paints or coatings with lead concentrations equal to or greater than 1.0 mg/cm² when measured by XRF. The following components were identified as LBP during this inspection:

BUILDING A

DESCRIPTION: **Wall paint**
LOCATION: **Bathroom room 122, 124**
COLOR: **Beige top layer**
XRF NUMBER: **Page #1, XRF #15-17, 25-28**
CONDITION: **Intact – Not intact**

DESCRIPTION: **Wall paint**
LOCATION: **Corridor floor 1**
COLOR: **Blue & beige top layer**
XRF NUMBER: **Page #2, XRF #39-40, 43-45, 50-51**
CONDITION: **Intact**

DESCRIPTION: **Wall paint**
LOCATION: **Floor 1 stairwell**
COLOR: **Beige top layer**
XRF NUMBER: **Page #3, XRF #86**
CONDITION: **Intact**

DESCRIPTION: **Wood trim paint**
LOCATION: **Class room 203**
COLOR: **Blue top layer**
XRF NUMBER: **Page #4, XRF# 110**
CONDITION: **Not intact**

DESCRIPTION: **Wall paint**
LOCATION: **Class room 203**
COLOR: **Beige top layer**
XRF NUMBER: **Page #4, XRF# 113-114**
CONDITION: **Intact**

DESCRIPTION: **Ceramic floor tile**
LOCATION: **Bathroom 212**
COLOR: **White**
XRF NUMBER: **Page #5, XRF #146**
CONDITION: **Not intact**

BUILDING A

DESCRIPTION: Wall paint
LOCATION: Corridor out class room 120
COLOR: Beige top layer
XRF NUMBER: Page #5, XRF# 156
CONDITION: Not intact

DESCRIPTION: Wall paint
LOCATION: Corridor out class room 120
COLOR: Beige top layer
XRF NUMBER: Page #5, XRF# 156
CONDITION: Not intact

DESCRIPTION: Exterior wood door & door casing paint
LOCATION: Building A exterior
COLOR: Green/blue top layer
XRF NUMBER: Page #16, XRF# 522-526, 530-531
CONDITION: Not intact

DESCRIPTION: Exterior metal stair-well paint
LOCATION: Building A exterior
COLOR: Beige top layer
XRF NUMBER: Page #16 & 17, XRF# 532, 552
CONDITION: Not intact

DESCRIPTION: Exterior beam paint
LOCATION: Building A front of the school
COLOR: White top layer
XRF NUMBER: Page #17, XRF# 548
CONDITION: Not intact

DESCRIPTION: Tiger statue
LOCATION: Building A front of the school
COLOR: Orange top layer
XRF NUMBER: Page #17, XRF# 550
CONDITION: Not intact

AUDITORIUM

DESCRIPTION: Wall paint
LOCATION: Auditorium 117
COLOR: Beige top layer
XRF NUMBER: Page #5 & 6, XRF# 162, 164-165, 174
CONDITION: Intact- Not intact

DESCRIPTION: Door paint
LOCATION: Auditorium 117
COLOR: Pink top layer
XRF NUMBER: Page #6, XRF# 182-183
CONDITION: Intact- Not intact

DESCRIPTION: Door and door casing paint
LOCATION: Exterior doors of the Auditorium
COLOR: Green top layer
XRF NUMBER: Page #15, XRF# 504-505
CONDITION: Not intact

DESCRIPTION: Exterior wall paint
LOCATION: Exterior wood shed attached to the Auditorium
COLOR: Green top layer
XRF NUMBER: Page #15, XRF# 512
CONDITION: Poor condition

DESCRIPTION: Exterior wall paint
LOCATION: Exterior of Auditorium
COLOR: Beige top layer
XRF NUMBER: Page #15, XRF# 510
CONDITION: Not intact

BUILDING B

DESCRIPTION: Door paint
LOCATION: Corridor floor 1
COLOR: Blue top layer
XRF NUMBER: Page #6, XRF# 195
CONDITION: Intact- Not intact

DESCRIPTION: Wall paint
LOCATION: Corridor floor 1 & 2
COLOR: Blue top layer
XRF NUMBER: Page #7, XRF# 205, 226
CONDITION: Intact- Not intact

DESCRIPTION: Door paint
LOCATION: Corridor floor 1
COLOR: Blue top layer
XRF NUMBER: Page #7, XRF# 219-220
CONDITION: Intact- Not intact

DESCRIPTION: Wall paint
LOCATION: Corridor floor 2
COLOR: Beige top layer
XRF NUMBER: Page #7, XRF# 227-228, 234
CONDITION: Intact- Not intact

AUDITORIUM

DESCRIPTION:	Wall paint
LOCATION:	Corridor floor 2
COLOR:	Blue top layer
XRF NUMBER:	Page #8, XRF# 241
CONDITION:	Not intact
DESCRIPTION:	Wall paint
LOCATION:	Class room 207
COLOR:	White top layer
XRF NUMBER:	Page #8, XRF# 244
CONDITION:	Not intact
DESCRIPTION:	Trim paint
LOCATION:	Class room 215
COLOR:	White top layer
XRF NUMBER:	Page #8, XRF# 256-257
CONDITION:	Not intact
DESCRIPTION:	Ceramic baseboard
LOCATION:	Bathroom 216
COLOR:	White top layer
XRF NUMBER:	Page #8 & 9, XRF# 272-273
CONDITION:	Not intact
DESCRIPTION:	Wall paint
LOCATION:	Class room 206
COLOR:	White top layer
XRF NUMBER:	Page #9, XRF# 287-288
CONDITION:	Intact-Not intact
DESCRIPTION:	Wall paint
LOCATION:	Boys bathroom floor 1
COLOR:	Beige top layer
XRF NUMBER:	Page #11, XRF# 357
CONDITION:	Not intact
DESCRIPTION:	Ceramic baseboard
LOCATION:	Boys bathroom floor 1
COLOR:	Beige top layer
XRF NUMBER:	Page #11, XRF# 360
CONDITION:	Not intact
DESCRIPTION:	Wall paint
LOCATION:	Class room 109B
COLOR:	Beige top layer
XRF NUMBER:	Page #11, XRF# 368-370
CONDITION:	Not intact

AUDITORIUM

DESCRIPTION: Exterior wall paint
LOCATION: Exterior of building B
COLOR: Beige top layer
XRF NUMBER: Page #15, XRF# 492-493, 495
CONDITION: Not intact

BUILDING C

DESCRIPTION: Sink
LOCATION: Boys bathroom floor 1
COLOR: White top layer
XRF NUMBER: Page #12, XRF# 392-393
CONDITION: Not intact

DESCRIPTION: Exterior metal stair-well paint
LOCATION: Building A
COLOR: Green/blue top layer
XRF NUMBER: Page #17, XRF# 553
CONDITION: Not intact

Testing combinations and XRF results are presented in Appendix B pages 1-17.

SECTION 5.0

RECOMMENDATIONS

5.1 RECOMMENDATIONS FOR LEAD-BASED PAINT

If the structures are to be *renovated*:

Any LBP that has become damaged should be abated. Any abatement procedure in which LBP is disturbed should be conducted by trained personnel and in accordance with all federal, state and local regulations, including OSHA's lead regulation 29 CFR 1926.62. Also, prior to disposal, the entire waste stream from LBP abatement (paint, rags, protective suits, debris, etc.) must be characterized by a Toxic Characteristic Leachate Procedure (TCLP) test. The EPA requires TCLP testing to determine if the waste is considered hazardous.

To comply with OSHA lead regulation 29 CFR 1926.62, the laboratory analysis (Flame AAS, Method SW 846, 7420) results should be made available to any personnel that will conduct painting operations of these structures. This regulation considers paint that contains any amount of lead to be lead-based paint and mandates protective measures any time a painting or renovation project involves the disturbance of LBP components in such a way as to cause airborne emissions of lead particulate (sanding, scraping, grinding, etc.). These protective measures include: personnel protection (respirators, protective suits, etc.), engineering controls and personnel air monitoring until results of the personnel monitoring indicate airborne lead concentrations below the Permissible Exposure Limit (PEL) of fifty (50) micrograms per cubic meter as an eight-hour time-weighted average (TWA). In lieu of the above protective measures, painting personnel may provide objective historical data from previous similar projects to demonstrate that the PEL for lead will not be exceeded.

If any of the structures are to be *demolished*:

Prior to demolition, a waste stream characterization should be performed on the structure. This waste stream must be characterized by a Toxic Characteristic Leachate Procedure (TCLP) test. The EPA requires TCLP testing to determine if the waste is considered either hazardous (and must be disposed of in a special disposal site) or is nonhazardous, and may be disposed of in a standard landfill. For some materials such as steel and mostly metal components, recycling at a certified recycling facility is another alternative to including these components as a representative fraction of the waste stream characterization. Finally, baseline representative soil samples should be collected from each address/lot on the properties to establish a background "Lead-in Soil" concentration for future post-demolition comparison.

During demolition and disposal operations:

To comply with OSHA lead regulation 29 CFR 1926.62, the paint chip laboratory analysis (Flame AAS, Method SW 846, 7420) results should be made available to any personnel that will conduct demolition operations of this structure. This regulation considers paint that contains any amount of lead to be lead-based paint and mandates protective measures any time a demolition project involves the disturbance of LBP components in such a way as to cause airborne emissions of lead particulate (torching, disc sanding, etc.). These protective measures include:

personnel protection (respirators, protective suits, etc.), engineering controls and personnel air monitoring until results of the personnel monitoring indicate airborne lead concentrations below the Permissible Exposure Limit (PEL) of fifty (50) micrograms per cubic meter as an eight-hour time-weighted average (TWA). In lieu of the above protective measures, demolition personnel may provide objective historical data from previous similar projects to demonstrate that the PEL for lead will not be exceeded.

After demolition, razing, and disposal operations:

At completion of demolition/razing/disposal of the structure down to grade, final representative soil samples should be collected from each address/lot to determine a final background "Lead - in Soil" concentration that should be below EPA/HUD and/or Florida DEP guidelines for Affordable Housing. If levels exceed EPA/HUD and/or Florida DEP guidelines, some soil remediation may be required to eliminate contaminated soil. Additional round(s) of confirmatory testing will then be required to clear this area.

If the structures are to remain "as is" and occupied:

An initial risk assessment should be conducted of the LBP. The risk assessment entails the collection of dust samples from areas adjacent to the LBP components. The dust sample is sent to a laboratory for analysis of lead-content. The dust's lead content provides an indication of the potential exposure to persons that come in contact with dust associated with the LBP components. The collection of dust samples for risk assessment purposes should be performed pursuant to Part III, Section III of the EPA/HUD Lead-Based Paint Risk Assessment Protocol. This protocol was established to evaluate the risk in community buildings where lead-based paint is present.

The owner should adopt an in-place management program for all LBP that is not removed from the structures. Periodic surveillance should be included in the in-place management program. As part of the in-place management program, The owner may also elect to conduct periodic risk assessments (dust sampling) of the remaining LBP. Periodic surveillance should be conducted at least every six months noting any change in the condition of the LBP.

5.2 RECOMMENDATIONS FOR OTHER PAINTS AND COATINGS

OSHA does not recognize the absence of lead through XRF; therefore, these materials must be considered to be lead-containing and a potential source of exposure unless determined to be nonlead-containing through laboratory analysis (i.e. Flame AAS, Method SW 846, 7420).

Any activity that would release lead dust or fumes must be performed by workers in accordance with the OSHA standard for removal of lead containing paint. If these materials can remain intact during renovation or demolition, then no other special handling is required.

5.3 OSHA COMPLIANCE

To comply with OSHA lead regulation 29 CFR 1926.62, this report should be made available to personnel that will conduct painting operations at this facility. This regulation considers coatings that contain measurable amounts of lead to be lead-based paint and mandates protective measures when a painting or demolition project involves the disturbance of painted components

in such a way as to cause airborne emissions of lead particulate (sanding, scraping, grinding, etc.). These protective measures include: hazard communication training, personnel protection (respirators, protective suits, etc.), engineering controls and personnel air monitoring until results of the personnel monitoring indicate airborne lead concentrations below the Action Level (AL) of 30 micrograms per cubic meter as an eight-hour time-weighted average (TWA). In lieu of the above protective measures, painting and or demolition personnel may provide objective historical data from previous similar projects to demonstrate that the AL for lead will not be exceeded.

5.4 DISCLOSURE OF LBP HAZARDS

The Residential Lead-Based Paint Hazard Reduction Act of 1992, also known as Title X, Section 1018 requires the disclosure to the purchaser or lessee of any known information on lead-based paint or lead-based paint hazards and provide to the purchaser or lessee any lead hazard evaluation reports available prior to the sale or lease of most housing built prior to 1978.

SECTION 6.0

SIGNATURE PAGE

Submitted by



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APPENDIX A
RENOVATE RIGHT
EPA PAMPHLET

Renovate Right

Important Lead Hazard
Information for Families,
Child Care Providers
and Schools



It's the Law!

Federal law requires that individuals receive certain information before renovating more than two square feet of painted surfaces in housing, child care facilities and schools built before 1978.

- Homeowners and tenants: renovators must give you this pamphlet before starting work.
- Child care facilities, including preschools and kindergarten classrooms, and the families of children under the age of six that attend those facilities: renovators must provide a copy of this pamphlet to child-care facilities and general renovation information to families whose children attend those facilities.

Also, beginning April 2010, federal law will require contractors that disturb lead-based paint in homes, child care facilities and schools, built before 1978 to be certified and follow specific work practices to prevent lead contamination. Therefore beginning in April 2010, ask to see your contractor's certification.

Renovating, Repairing, or Painting?



- Is your home, your building, or the child care facility or school your children attend, being renovated, repaired, or painted?
- Was your home, your building, or the child care facility or school your children under age 6 attend, built before 1978?

If the answer to these questions is YES, there are a few important things you need to know about lead-based paint.

This pamphlet provides basic facts about lead and information about lead safety when work is being done in your home, your building or the childcare facility or school your children attend.

The Facts About Lead

- Lead can affect children's brains and developing nervous systems, causing reduced IQ, learning disabilities, and behavioral problems. Lead is also harmful to adults.
- Lead in dust is the most common way people are exposed to lead. People can also get lead in their bodies from lead in soil or paint chips. Lead dust is often invisible.
- Lead-based paint was used in more than 38 million homes until it was banned for residential use in 1978.
- Projects that disturb lead-based paint can create dust and endanger you and your family. Don't let this happen to you. Follow the practices described in this pamphlet to protect you and your family.

Who Should Read This Pamphlet?

This pamphlet is for you if you:

- Reside in a home built before 1978,
- Own or operate a child care facility, including preschools and kindergarten classrooms, built before 1978, or
- Have a child under six who attends a child care facility built before 1978.

You will learn:

- Basic facts about lead and your health,
- How to choose a contractor, if you are a property owner,
- What tenants, and parents/guardians of a child in a child care facility or school should consider,
- How to prepare for the renovation or repair job,
- What to look for during the job and after the job is done,
- Where to get more information about lead.

This pamphlet is not for:

- **Abatement projects.** Abatement is a set of activities aimed specifically at eliminating lead or lead hazards. EPA has regulations for certification and training of abatement professionals. If your goal is to eliminate lead or lead hazards, contact the National Lead Information Center at **1-800-424-LEAD (5323)** for more information.
- **“Do-it-yourself” projects.** If you plan to do renovation work yourself, this document is a good start, but you will need more information to complete the work safely. Call the National Lead Information Center at **1-800-424-LEAD (5323)** and ask for more information on how to work safely in a home with lead-based paint.
- **Contractor education.** Contractors who want information about working safely with lead should contact the National Lead Information Center at **1-800-424-LEAD (5323)** for information about courses and resources on lead-safe work practices.



Lead and Your Health

Lead is especially dangerous to children under six years of age.

Lead can affect children's brains and developing nervous systems, causing:

- Reduced IQ and learning disabilities.
- Behavior problems.

Even children who appear healthy can have dangerous levels of lead in their bodies.

Lead is also harmful to adults. In adults, low levels of lead can pose many dangers, including:

- High blood pressure and hypertension.
- Pregnant women exposed to lead can transfer lead to their fetus.

Lead gets into the body when it is swallowed or inhaled.

- People, especially children, can swallow lead dust as they eat, play, and do other normal hand-to-mouth activities.
- People may also breathe in lead dust or fumes if they disturb lead-based paint. People who sand, scrape, burn, brush or blast or otherwise disturb lead-based paint risk unsafe exposure to lead.

What should I do if I am concerned about my family's exposure to lead?

- Call your local health department for advice on reducing and eliminating exposures to lead inside and outside your home, child care facility or school.
- Always use lead-safe work practices when renovation or repair will disturb lead-based paint.
- A blood test is the only way to find out if you or a family member already has lead poisoning. Call your doctor or local health department to arrange for a blood test.

For more information about the health effects of exposure to lead, visit the EPA lead website at www.epa.gov/lead/pubs/leadinfo.htm or call 1-800-424-LEAD (5323).



There are other things you can do to protect your family everyday.

- Regularly clean floors, window sills, and other surfaces.
- Wash children's hands, bottles, pacifiers, and toys often.
- Make sure children eat a healthy, nutritious diet consistent with the USDA's dietary guidelines, that helps protect children from the effects of lead.
- Wipe off shoes before entering house.

Where Does the Lead Come From?

Dust is the main problem. The most common way to get lead in the body is from dust. Lead dust comes from deteriorating lead-based paint and lead-contaminated soil that gets tracked into your home. This dust may accumulate to unsafe levels. Then, normal hand to-mouth activities, like playing and eating (especially in young children), move that dust from surfaces like floors and windowsills into the body.

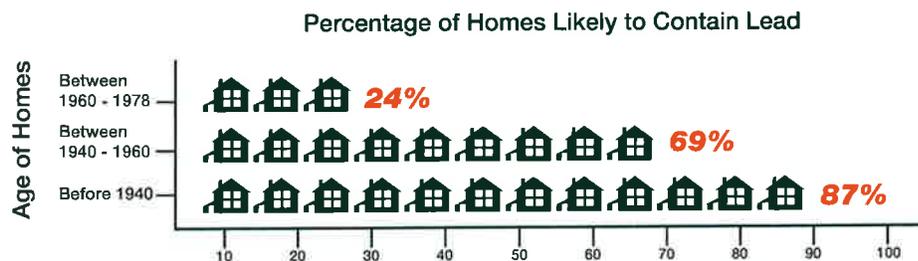
Home renovation creates dust. Common renovation activities like sanding, cutting, and demolition can create hazardous lead dust and chips.

Proper work practices protect you from the dust. The key to protecting yourself and your family during a renovation, repair or painting job is to use lead-safe work practices such as containing dust inside the work area, using dust-minimizing work methods, and conducting a careful cleanup, as described in this pamphlet.

Other sources of lead. Remember, lead can also come from outside soil, your water, or household items (such as lead-glazed pottery and lead crystal). Contact the National Lead Information Center at **1-800-424-LEAD (5323)** for more information on these sources.



Checking Your Home for Lead-Based Paint



Older homes, child care facilities, and schools are more likely to contain lead-based paint. Homes may be single-family homes or apartments. They may be private, government-assisted, or public housing. Schools are preschools and kindergarten classrooms. They may be urban, suburban, or rural.

You have the following options:

You may decide to assume your home, child care facility, or school contains lead. Especially in older homes and buildings, you may simply want to assume lead-based paint is present and follow the lead-safe work practices described in this brochure during the renovation, repair, or painting job.

You or your contractor may also test for lead using a lead test kit. Test kits must be EPA-approved and are available at hardware stores. They include detailed instructions for their use.

You can hire a certified professional to check for lead-based paint. These professionals are certified risk assessors or inspectors, and can determine if your home has lead or lead hazards.

- A certified inspector or risk assessor can conduct an inspection telling you whether your home, or a portion of your home, has lead-based paint and where it is located. This will tell you the areas in your home where lead-safe work practices are needed.
- A certified risk assessor can conduct a risk assessment telling you if your home currently has any lead hazards from lead in paint, dust, or soil. The risk assessor can also tell you what actions to take to address any hazards.
- For help finding a certified risk assessor or inspector, call the National Lead Information Center at **1-800-424-LEAD (5323)**.

For Property Owners

You have the ultimate responsibility for the safety of your family, tenants, or children in your care. This means properly preparing for the renovation and keeping persons out of the work area (see p. 8). It also means ensuring the contractor uses lead-safe work practices.

Beginning April 2010, federal law will require that contractors performing renovation, repair and painting projects that disturb lead-based paint in homes, child care facilities, and schools built before 1978 to be certified and follow specific work practices to prevent lead contamination.

Until contractors are required to be certified, make sure your contractor can explain clearly the details of the job and how the contractor will minimize lead hazards during the work.

- Ask if the contractor is trained to perform lead-safe work practices and to see a copy of their training certificate.
- Ask them what lead-safe methods they will use to set up and perform the job in your home, child care facility or school.
- Ask if the contractor is aware of the lead renovation rules. For example, contractors are required to provide you with a copy of this pamphlet before beginning work. A sample pre-renovation disclosure form is provided at the back of this pamphlet. Contractors may use this form to make documentation of compliance easier.
- Ask for references from at least three recent jobs involving homes built before 1978, and speak to each personally.

Always make sure the contract is clear about how the work will be set up, performed, and cleaned.

- Share the results of any previous lead tests with the contractor.
- Even before contractors are required to be certified you should specify in the contract that they follow the work practices described on pages 9 and 10 of this brochure.
- The contract should specify which parts of your home are part of the work area and specify which lead-safe work practices should be used in those areas. Remember, your contractor should confine dust and debris to the work area and should minimize spreading that dust to other areas of the home.
- The contract should also specify that the contractor clean the work area, verify that it was cleaned adequately, and re-clean it if necessary.

Once these practices are required, if you think a worker is failing to do what they are supposed to do or is doing something that is unsafe, you should:

- Direct the contractor to comply with the contract requirements,
- Call your local health or building department, or
- Call EPA's hotline **1-800-424-LEAD (5323)**.

For Tenants, and Families of Children Under Age Six in Child Care Facilities and Schools

You play an important role ensuring the ultimate safety of your family.

This means properly preparing for the renovation and staying out of the work area (see p. 8).

Beginning April 2010, federal law will require that contractors performing renovation, repair and painting projects that disturb lead-based paint in homes, child care facilities and schools built before 1978 that a child under age six visits regularly to be certified and follow specific work practices to prevent lead contamination.

The law will require anyone hired to renovate, repair, or do painting preparation work on a property built before 1978 to follow the steps described on pages 9 and 10 unless the area where the work will be done contains no lead-based paint.



Once these practices are required, if you think a worker is failing to do what they are supposed to do or is doing something that is unsafe, you should:

- Contact your landlord,
- Call your local health or building department, or
- Call EPA's hotline **1-800-424-LEAD (5323)**.

If you are concerned about lead hazards left behind after the job is over, you can check the work yourself (see page 10).



If your property receives housing assistance from HUD (or a state or local agency that uses HUD funds), you must follow the more stringent requirements of HUD's Lead-safe Housing Rule and the ones described in this pamphlet.

Preparing for a Renovation

The work areas should not be accessible to occupants while the work occurs. The rooms or areas where work is being done may be blocked off or sealed with plastic sheeting to contain any dust that is generated. The contained area will not be available to you until the work in that room or area is complete, cleaned thoroughly, and the containment has been removed. You will not have access to some areas and should plan accordingly.

You may need:

- Alternative bedroom, bathroom, and kitchen arrangements if work is occurring in those areas of your home.
- A safe place for pets because they, too, can be poisoned by lead and can track lead dust into other areas of the home.
- A separate pathway for the contractor from the work area to the outside, in order to bring materials in and out of the home. Ideally, it should not be through the same entrance that your family uses.
- A place to store your furniture. All furniture and belongings may have to be moved from the work area while the work is done. Items that can't be moved, such as cabinets, should be wrapped in heavy duty plastic.
- To turn off forced-air heating and air conditioning systems while work is done. This prevents dust from spreading through vents from the work area to the rest of your home. Consider how this may affect your living arrangements.

You may even want to move out of your home temporarily while all or parts of the work are being done.

Child care facilities and schools may want to consider alternative accommodations for children and access to necessary facilities.



During the Work

Beginning April 2010, federal law will require contractors that are hired to perform renovation, repair and painting projects in homes, child care facilities, and schools built before 1978 that disturb lead-based paint to be certified and follow specific work practices to prevent lead contamination.

Even before contractors are required to be certified and follow specific work practices, the contractor should follow these three simple procedures, described below:



- 1. Contain the work area.** The area should be contained so that dust and debris do not escape from that area. Warning signs should be put up and heavy-duty plastic and tape should be used as appropriate to:

- Cover the floors and any furniture that cannot be moved.
- Seal off doors and heating and cooling system vents.

These will help prevent dust or debris from getting outside the work area.

- 2. Minimize dust.** There is no way to eliminate dust, but some methods make less dust than others. For example, using water to mist areas before sanding or scraping; scoring paint before separating components; and prying and pulling apart components instead of breaking them are techniques that generate less dust than alternatives. Some methods generate large amounts of lead-contaminated dust and should not be used. They are:

- Open flame burning or torching.
- Sanding, grinding, planing, needle gunning, or blasting with power tools and equipment not equipped with a shroud and HEPA vacuum attachment.
- Using a heat gun at temperatures greater than 1100°F.

- 3. Clean up thoroughly.** The work area should be cleaned up daily to keep it as clean as possible. When all the work is done, the area should be cleaned up using special cleaning methods before taking down any plastic that isolates the work area from the rest of the home. The special cleaning methods should include:

- Using a HEPA vacuum to clean up dust and debris on all surfaces, followed by
- Wet mopping with plenty of rinse water.

When the final cleaning is done, look around. There should be no dust, paint chips, or debris in the work area. If you see any dust, paint chips, or debris, the area should be re-cleaned.

For Property Owners: After the Work is Done

When all the work is finished, you will want to know if your home, child care facility, or school has been cleaned up properly. Here are some ways to check.

Even before contractors are required to be certified and follow specific work practices, you should:

Ask about your contractor's final cleanup check. Remember, lead dust is often invisible to the naked eye. It may still be present even if you cannot see it. The contractor should use disposable cleaning cloths to wipe the floor of the work area and compare them to a cleaning verification card to determine if the work area was adequately cleaned.

To order a cleaning verification card and detailed instructions visit the EPA lead website at www.epa.gov/lead or contact the National Lead Information Center at **1-800-424-LEAD (5323)** or visit their website at www.epa.gov/lead/nlic.htm.

You also may choose to have a lead-dust test. Lead-dust tests are wipe samples sent to a laboratory for analysis.

- You can specify in your contract that a lead-dust test will be done. In this case, make it clear who will do the testing.
- Testing should be done by a lead professional.

If you choose to do the testing, some EPA-recognized lead laboratories will send you a kit that allows you to collect samples and send them back to the lab for analysis.

Contact the National Lead Information Center at **1-800-424-LEAD (5323)** for lists of qualified professionals and EPA-recognized lead labs.

If your home, child care facility, or school fails the dust test, the area should be re-cleaned and tested again.

Where the project is done by contract, it is a good idea to specify in the contract that the contractor is responsible for re-cleaning if the home, child care facility, or school fails the test.



For Additional Information

You may need additional information on how to protect yourself and your children while a job is going on in your home, your building, or childcare facility.

■ The **National Lead Information Center** at **1-800-424-LEAD (5323)** or **www.epa.gov/lead/nlic.htm** can tell you how to contact your state, local, and/or tribal programs or get general information about lead poisoning prevention.

- State and tribal lead poisoning prevention or environmental protection programs can provide information about lead regulations and potential sources of financial aid for reducing lead hazards. If your State or local government has requirements more stringent than those described in this pamphlet, you must follow those requirements.
- Local building code officials can tell you the regulations that apply to the renovation work that you are planning.
- State, county, and local health departments can provide information about local programs, including assistance for lead-poisoned children and advice on ways to get your home checked for lead.

■ The **National Lead Information Center** can also provide a variety of resource materials, including the following guides to lead-safe work practices. Many of these materials are also available at **www.epa.gov/lead/pubs/brochure.htm**.

- Lead Paint Safety, a Field Guide for Painting, Home Maintenance, and Renovation Work
- Reducing Lead Hazards When Remodeling Your Home
- Protect Your Family from Lead in Your Home
- Lead in Your Home: A Parent's Reference Guide



For the hearing impaired, call the Federal Information Relay Service at 1-800-877-8339 to access any of the phone numbers in this brochure.

EPA Contacts

EPA Regional Offices

EPA addresses residential lead hazards through several different regulations. EPA requires training and certification for conducting abatement, education about hazards associated with renovations, disclosure about known lead paint and lead hazards in housing, and sets lead-paint hazard standards.

Your Regional EPA Office can provide further information regarding lead safety and lead protection programs at www.epa.gov/lead.

Region 1

(Connecticut, Massachusetts, Maine, New Hampshire, Rhode Island, Vermont)
Regional Lead Contact
U.S. EPA Region 1
Suite 1100
One Congress Street
Boston, MA 02114-2023
(888) 372-7341

Region 2

(New Jersey, New York, Puerto Rico, Virgin Islands)
Regional Lead Contact
U.S. EPA Region 2
2890 Woodbridge Avenue
Building 209, Mail Stop 225
Edison, NJ 08837-3679
(732) 321-6769

Region 3

(Delaware, Maryland, Pennsylvania, Virginia, Washington, DC, West Virginia)
Regional Lead Contact
U.S. EPA Region 3
1650 Arch Street
Philadelphia, PA 19103-2029
(215) 814-5000

Region 4

(Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee)
Regional Lead Contact
U.S. EPA Region 4
61 Forsyth Street, SW
Atlanta, GA 30303-8960
(404) 562-9900

Region 5

(Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin)
Regional Lead Contact
U.S. EPA Region 5
77 West Jackson Boulevard
Chicago, IL 60604-3507
(312) 886-6003

Region 6

(Arkansas, Louisiana, New Mexico, Oklahoma, Texas)
Regional Lead Contact
U.S. EPA Region 6
1445 Ross Avenue,
12th Floor
Dallas, TX 75202-2733
(214) 665-6444

Region 7

(Iowa, Kansas, Missouri, Nebraska)
Regional Lead Contact
U.S. EPA Region 7
901 N. 5th Street
Kansas City, KS 66101
(913) 551-7003

Region 8

(Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming)
Regional Lead Contact
U.S. EPA Region 8
999 18th Street, Suite 300
Denver, CO 80202-2466
(303) 312-6312

Region 9

(Arizona, California, Hawaii, Nevada)
Regional Lead Contact
U.S. Region 9
75 Hawthorne Street
San Francisco, CA 94105
(415) 947-8021

Region 10

(Alaska, Idaho, Oregon, Washington)
Regional Lead Contact
U.S. EPA Region 10
1200 Sixth Avenue
Seattle, WA 98101-1128
(206) 553-1200

Other Federal Agencies

CPSC

The Consumer Product Safety Commission (CPSC) protects the public from the unreasonable risk of injury or death from 15,000 types of consumer products under the agency's jurisdiction. CPSC warns the public and private sectors to reduce exposure to lead and increase consumer awareness. Contact CPSC for further information regarding regulations and consumer product safety.

CPSC

4330 East West Highway
Bethesda, MD 20814
Hotline 1-(800) 638-2772
www.cpsc.gov

CDC Childhood Lead Poisoning Prevention Branch

The Centers for Disease Control and Prevention (CDC) assists state and local childhood lead poisoning prevention programs to provide a scientific basis for policy decisions, and to ensure that health issues are addressed in decisions about housing and the environment. Contact CDC Childhood Lead Poisoning Prevention Program for additional materials and links on the topic of lead.

CDC Childhood Lead Poisoning Prevention Branch

4770 Buford Highway, MS F-40
Atlanta, GA 30341
(770) 488-3300
www.cdc.gov/nceh/lead

HUD Office of Healthy Homes and Lead Hazard Control

The Department of Housing and Urban Development (HUD) provides funds to state and local governments to develop cost-effective ways to reduce lead-based paint hazards in America's privately-owned low-income housing. In addition, the office enforces the rule on disclosure of known lead paint and lead hazards in housing, and HUD's lead safety regulations in HUD-assisted housing, provides public outreach and technical assistance, and conducts technical studies to help protect children and their families from health and safety hazards in the home. Contact the HUD Office of Healthy Homes and Lead Hazard Control for information on lead regulations, outreach efforts, and lead hazard control research and outreach grant programs.

U.S. Department of Housing and Urban Development

Office of Healthy Homes
and Lead Hazard Control
451 Seventh Street, SW, Room 8236
Washington, DC 20410-3000
HUD's Lead Regulations Hotline
(202) 402-7698
www.hud.gov/offices/lead/



Current Sample Pre-Renovation Form

Effective until April 2010.

Confirmation of Receipt of Lead Pamphlet

- I have received a copy of the pamphlet, *Renovate Right: Important Lead Hazard Information for Families, Child Care Providers and Schools* informing me of the potential risk of the lead hazard exposure from renovation activity to be performed in my dwelling unit. I received this pamphlet before the work began.

Printed name of recipient

Date

Signature of recipient

Self-Certification Option (for tenant-occupied dwellings only) —

If the lead pamphlet was delivered but a tenant signature was not obtainable, you may check the appropriate box below.

- Refusal to sign** — I certify that I have made a good faith effort to deliver the pamphlet, *Renovate Right: Important Lead Hazard Information for Families, Child Care Providers and Schools*, to the rental dwelling unit listed below at the date and time indicated and that the occupant refused to sign the confirmation of receipt. I further certify that I have left a copy of the pamphlet at the unit with the occupant.
- Unavailable for signature** — I certify that I have made a good faith effort to deliver the pamphlet, *Renovate Right: Important Lead Hazard Information for Families, Child Care providers and Schools*, to the rental dwelling unit listed below and that the occupant was unavailable to sign the confirmation of receipt. I further certify that I have left a copy of the pamphlet at the unit by sliding it under the door.

Printed name of person certifying

Attempted delivery
date and time
lead pamphlet delivery

Signature of person certifying lead pamphlet delivery

Unit Address

Note Regarding Mailing Option — As an alternative to delivery in person, you may mail the lead pamphlet to the owner and/or tenant. Pamphlet must be mailed at least 7 days before renovation (Document with a certificate of mailing from the post office).



Future Sample Pre-Renovation Form

This sample form may be used by renovation firms to document compliance with the Federal pre-renovation education and renovation, repair, and painting regulations.

Occupant Confirmation

Pamphlet Receipt

- I have received a copy of the lead hazard information pamphlet informing me of the potential risk of the lead hazard exposure from renovation activity to be performed in my dwelling unit. I received this pamphlet before the work began.

Owner-occupant Opt-out Acknowledgment

- (A) I confirm that I own and live in this property, that no child under the age of 6 resides here, that no pregnant woman resides here, and that this property is not a child-occupied facility.

Note: A child resides in the primary residence of his or her custodial parents, legal guardians, foster parents, or informal caretaker if the child lives and sleeps most of the time at the caretaker's residence.

Note: A child-occupied facility is a pre-1978 building visited regularly by the same child, under 6 years of age, on at least two different days within any week, for at least 3 hours each day, provided that the visits total at least 60 hours annually.

If Box A is checked, check either Box B or Box C, but not both.

- (B) I request that the renovation firm use the lead-safe work practices required by EPA's Renovation, Repair, and Painting Rule; or
- (C) I understand that the firm performing the renovation will not be required to use the lead-safe work practices required by EPA's Renovation, Repair, and Painting Rule.

Printed Name of Owner-occupant

Signature of Owner-occupant

Signature Date

Renovator's Self Certification Option (for tenant-occupied dwellings only)

Instructions to Renovator: If the lead hazard information pamphlet was delivered but a tenant signature was not obtainable, you may check the appropriate box below.

- Declined** – I certify that I have made a good faith effort to deliver the lead hazard information pamphlet to the rental dwelling unit listed below at the date and time indicated and that the occupant declined to sign the confirmation of receipt. I further certify that I have left a copy of the pamphlet at the unit with the occupant.
- Unavailable for signature** – I certify that I have made a good faith effort to deliver the lead hazard information pamphlet to the rental dwelling unit listed below and that the occupant was unavailable to sign the confirmation of receipt. I further certify that I have left a copy of the pamphlet at the unit by sliding it under the door or by (fill in how pamphlet was left). _____

Printed Name of Person Certifying Delivery

Attempted Delivery Date

Signature of Person Certifying Lead Pamphlet Delivery

Unit Address

Note Regarding Mailing Option — As an alternative to delivery in person, you may mail the lead hazard information pamphlet to the owner and/or tenant. Pamphlet must be mailed at least seven days before renovation. Mailing must be documented by a certificate of mailing from the post office.

Note: This form is not effective until April 2010.



1-800-424-LEAD (5323)
www.epa.gov/lead

EPA-740-F-08-002
March 2008



APPENDIX B
XRF TESTING DATA
PAGES 1-17

GLYNN ARCHER ELEMENTARY SCHOOL - 1302 WHITE STREET, KEY WEST, FL

Reading Nc Type	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	ROOM NUMBER	FLOOR	SITE/ADDRESS	BLDG	Results	PbC
1	PAINT	WOOD	WOOD	INTACT	ORANGE	CR	100	FIRST	GLYNN ARCHER SCHL	A	Positive	1
2	PAINT	DOOR	A S	INTACT	BLUE	CR	100	FIRST	GLYNN ARCHER SCHL	A	Negative	0.19
3	PAINT	DOOR C	A S	Not Intact- FAIR	BLUE	CR	100	FIRST	GLYNN ARCHER SCHL	A	Negative	-0.56
4	PAINT	BASEBOARD	B	Not Intact- FAIR	BLUE	CR	100	FIRST	GLYNN ARCHER SCHL	A	Negative	0.5
5	PAINT	WALL	C	Not Intact- FAIR	BEIGE	CR	100	FIRST	GLYNN ARCHER SCHL	A	Negative	0
6	PAINT	PLASTER	D	INTACT	BEIGE	CR	100	FIRST	GLYNN ARCHER SCHL	A	Negative	0.8
7	PAINT	WOOD	B	Not Intact-POOR	BEIGE	CR	100	FIRST	GLYNN ARCHER SCHL	A	Negative	0.13
8	PAINT	CERAMIC TILE	C	INTACT	BEIGE	CR	100	FIRST	GLYNN ARCHER SCHL	A	Negative	0.04
9	PAINT	CERAMIC TILE	C	INTACT	WHITE	CR	100	FIRST	GLYNN ARCHER SCHL	A	Negative	0.02
10	PAINT	DOOR C	B	INTACT	BEIGE	CR	100	FIRST	GLYNN ARCHER SCHL	A	Negative	0
11	PAINT	DOOR C	A	INTACT	BLUE	BATHROOM	122	FIRST	GLYNN ARCHER SCHL	A	Negative	0.08
12	PAINT	DOOR C	A	Not Intact-POOR	BLUE	BATHROOM	122	FIRST	GLYNN ARCHER SCHL	A	Negative	0.24
13	PAINT	DOOR C	A	INTACT	BLUE	BATHROOM	122	FIRST	GLYNN ARCHER SCHL	A	Negative	0.01
14	PAINT	WALL	A	INTACT	BEIGE	BATHROOM	122	FIRST	GLYNN ARCHER SCHL	A	Negative	0.14
15	PAINT	WALL	D	Not Intact- FAIR	BEIGE	BATHROOM	122	FIRST	GLYNN ARCHER SCHL	A	Negative	1.7
16	PAINT	PLASTER	D	Not Intact-POOR	BEIGE	BATHROOM	122	FIRST	GLYNN ARCHER SCHL	A	Positive	1.5
17	PAINT	WALL	D	Not Intact-POOR	BEIGE	BATHROOM	122	FIRST	GLYNN ARCHER SCHL	A	Positive	1
18	PAINT	WALL	B	INTACT	BEIGE	BATHROOM	122	FIRST	GLYNN ARCHER SCHL	A	Negative	0.7
19	PAINT	WALL	A	INTACT	BEIGE	BATHROOM	122	FIRST	GLYNN ARCHER SCHL	A	Negative	0.02
20	PAINT	FLOOR	CERAMIC TILE	INTACT	GREEN	BATHROOM	122	FIRST	GLYNN ARCHER SCHL	A	Negative	0.01
21	PAINT	TRIM	A	Not Intact-POOR	BEIGE	BATHROOM	122	FIRST	GLYNN ARCHER SCHL	A	Negative	0.01
22	PAINT	DOOR	A	INTACT	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.01
23	PAINT	DOOR C	A	Not Intact-POOR	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.01
24	PAINT	DOOR C	A	INTACT	BEIGE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.01
25	PAINT	WALL	D	INTACT	BEIGE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Positive	1.8
26	PAINT	WALL	D	INTACT	BEIGE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Positive	1.4
27	PAINT	WALL	C	INTACT	BEIGE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Positive	1.3
28	PAINT	WALL	C	INTACT	BEIGE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Positive	1.4
29	PAINT	WALL	C	INTACT	BEIGE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.01
30	PAINT	FLOOR	CERAMIC TILE	INTACT	BEIGE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.06
31	PAINT	SINK	METAL	INTACT	WHITE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.02
32	PAINT	TOILET	CERAMIC TILE	INTACT	WHITE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.26
33	PAINT	DOOF	WOOD	Not Intact-POOR	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.18
34	PAINT	DOOR	WOOD	Not Intact-POOR	BEIGE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	

D = EAST

C = NORTH

B = WEST

A = SOUTH

GLYNN ARCHER ELEMENTARY SCHOOL - 1302 WHITE STREET, KEY WEST, FL

Reading Nc Type	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	ROOM NUMBER	FLOOR	SITE/ADDRESS	BLDG	Results	PbC
35	PAINT	DOOR C	D	Not Intact-POOR	BEIGE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.15
36	PAINT	DOOR C	D	Not Intact- FAIR	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.4
37	PAINT	WALL	D	Not Intact-POOR	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.5
38	PAINT	WALL	D	Not Intact-POOR	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.09
39	PAINT	WALL	C	INTACT	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Positive	1.2
40	PAINT	WALL	C	INTACT	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Positive	1.1
41	PAINT	WALL	D	INTACT	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0
42	PAINT	BASEBOARD	D	INTACT	BEIGE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.15
43	PAINT	WALL	A	INTACT	BEIGE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Positive	3
44	PAINT	WALL	A	INTACT	BEIGE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Positive	2.9
45	PAINT	WALL	C	INTACT	BEIGE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Positive	3
46	PAINT	TRIM	C	INTACT	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.01
47	PAINT	WALL	C	INTACT	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	-0.18
48	PAINT	WALL	C	INTACT	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.12
49	PAINT	WALL	A	INTACT	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.07
50	PAINT	WALL	D	INTACT	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Positive	1.1
51	PAINT	WALL	D	INTACT	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Positive	1.5
52	PAINT	WALL	D	INTACT	BEIGE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.2
53	PAINT	WALL	D	INTACT	BEIGE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.24
54	PAINT	WALL	D	INTACT	BEIGE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.8
55	PAINT	BASEBOARD	D	INTACT	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.3
56	PAINT	DOOR	D	Not Intact- FAIR	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0
57	PAINT	DOOR C	D	INTACT	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.06
58	PAINT	DOOR C	D	Not Intact- FAIR	BLUE	CLEAN U	120	FIRST	GLYNN ARCHER SCHL	A	Negative	0.02
59	PAINT	DOOR	D	Not Intact-POOR	BEIGE	CLEAN U	120	FIRST	GLYNN ARCHER SCHL	A	Negative	0.13
60	PAINT	BKCSE SHELF	D	Not Intact-POOR	BEIGE	CLEAN U	120	FIRST	GLYNN ARCHER SCHL	A	Negative	0.01
61	PAINT	WALL	C	Not Intact- FAIR	BEIGE	CLEAN U	120	FIRST	GLYNN ARCHER SCHL	A	Negative	0
62	PAINT	WALL	A	INTACT	BLUE	OFFICE	119	FIRST	GLYNN ARCHER SCHL	A	Negative	0
63	PAINT	WALL	B	INTACT	BLUE	OFFICE	119	FIRST	GLYNN ARCHER SCHL	A	Negative	0
64	PAINT	WALL	C	INTACT	BLUE	OFFICE	119	FIRST	GLYNN ARCHER SCHL	A	Negative	0.01
65	PAINT	BASEBOARD	C	Not Intact- FAIR	BLUE	OFFICE	119	FIRST	GLYNN ARCHER SCHL	A	Negative	0
66	PAINT	DOOR	B	INTACT	BLUE	OFFICE	119	FIRST	GLYNN ARCHER SCHL	A	Negative	0.1
67	PAINT	DOOR C	B	INTACT	WHITE	OFFICE	119	FIRST	GLYNN ARCHER SCHL	A	Negative	0.01
68	PAINT	DOOR J	B	INTACT	WHITE	OFFICE	119	FIRST	GLYNN ARCHER SCHL	A	Negative	0.05

D = EAST

B = WEST

A = SOUTH

C = NORTH

GLYNN ARCHER ELEMENTARY SCHOOL - 1302 WHITE STREET, KEY WEST, FL

Reading Nc Type	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	ROOM NUMBER	FLOOR	SITE/ADDRESS	BLDG	Results	PbC
69	PAIN	WALL	WOOD	C	INTACT	BEIGE	OFFICE	FIRST	GLYNN ARCHER SCHL	A	Negative	0
70	PAIN	WALL	CONCRETE	C	INTACT	BEIGE	OFFICE	FIRST	GLYNN ARCHER SCHL	A	Negative	0.6
71	PAIN	BASEBOARD	WOOD	D	Not Intact-POOR	BEIGE	OFFICE	FIRST	GLYNN ARCHER SCHL	A	Negative	0.4
72	PAIN	W SILL	WOOD	D	INTACT	WHITE	OFFICE	FIRST	GLYNN ARCHER SCHL	A	Negative	0
73	PAIN	W SILL	WOOD	C	INTACT	BLUE	OFFICE	FIRST	GLYNN ARCHER SCHL	A	Negative	0
74	PAIN	DOOR	WOOD	C	Not Intact-POOR	BLUE	CR	FIRST	GLYNN ARCHER SCHL	A	Negative	0.19
75	PAIN	DOOR C	WOOD	C	Not Intact-POOR	BLUE	CR	FIRST	GLYNN ARCHER SCHL	A	Negative	-0.02
76	PAIN	DOOR C	WOOD	C	INTACT	WHITE	CR	FIRST	GLYNN ARCHER SCHL	A	Negative	0.26
77	PAIN	WALL	PLASTER	C	INTACT	WHITE	CR	FIRST	GLYNN ARCHER SCHL	A	Negative	0.8
78	PAIN	WALL	PLASTER	A	INTACT	WHITE	CR	FIRST	GLYNN ARCHER SCHL	A	Negative	0.6
79	PAIN	WALL	CONCRETE	D	INTACT	WHITE	CR	FIRST	GLYNN ARCHER SCHL	A	Negative	0.4
80	PAIN	WALL	CONCRETE	B	INTACT	WHITE	CR	FIRST	GLYNN ARCHER SCHL	A	Negative	0.22
81	PAIN	BASEBOARD	WOOD	B	INTACT	BLACK	CR	FIRST	GLYNN ARCHER SCHL	A	Negative	0.4
82	PAIN	STR NEWAL P	WOOD	C	Not Intact- FAIR	BLUE	STAIRS	FIRST	GLYNN ARCHER SCHL	A	Negative	0.06
83	PAIN	STR HAND RAI	WOOD	C	Not Intact- FAIR	BLUE	STAIRS	FIRST	GLYNN ARCHER SCHL	A	Negative	-0.12
84	PAIN	STR HAND RAI	WOOD	B	INTACT	BLUE	STAIRS	FIRST	GLYNN ARCHER SCHL	A	Negative	0.17
85	PAIN	WALL	PLASTER	B	INTACT	BLUE	STAIRS	FIRST	GLYNN ARCHER SCHL	A	Negative	0.11
86	PAIN	WALL	PLASTER	B	INTACT	BEIGE	STAIRS	FIRST	GLYNN ARCHER SCHL	A	Positive	3
87	PAIN	TRIM	WOOD	B	INTACT	BLUE	STAIRS	FIRST	GLYNN ARCHER SCHL	A	Negative	0.01
88	PAIN	DOOR	WOOD	D	Not Intact- FAIR	BLUE	CR	SECOND	GLYNN ARCHER SCHL	A	Negative	0.14
89	PAIN	DOOR C	WOOD	D	Not Intact-POOR	BLUE	CR	SECOND	GLYNN ARCHER SCHL	A	Negative	0.22
90	PAIN	DOOR C	WOOD	D	Not Intact-POOR	RED	CR	SECOND	GLYNN ARCHER SCHL	A	Negative	0.14
91	PAIN	BASEBOARD	WOOD	D	Not Intact- FAIR	RED	CR	SECOND	GLYNN ARCHER SCHL	A	Negative	0.5
92	PAIN	TRIM	WOOD	D	Not Intact- FAIR	RED	CR	SECOND	GLYNN ARCHER SCHL	A	Negative	0
93	PAIN	WAL	PLASTER	A	INTACT	BLUE	CR	SECOND	GLYNN ARCHER SCHL	A	Negative	0
94	PAIN	WAL	PLASTER	B	INTACT	BLUE	CR	SECOND	GLYNN ARCHER SCHL	A	Negative	0
95	PAIN	WAL	PLASTER	C	INTACT	BEIGE	CORR	SECOND	GLYNN ARCHER SCHL	A	Negative	0.1
96	PAIN	WAL	PLASTER	C	INTACT	BEIGE	CORR	SECOND	GLYNN ARCHER SCHL	A	Negative	0.8
97	PAIN	WAL	PLASTER	C	INTACT	BEIGE	CORR	SECOND	GLYNN ARCHER SCHL	A	Negative	0.16
98	PAIN	WAL	PLASTER	C	INTACT	BEIGE	CORR	SECOND	GLYNN ARCHER SCHL	A	Negative	0.26
99	PAIN	WAL	PLASTER	C	Not Intact- FAIR	BLUE	CORR	SECOND	GLYNN ARCHER SCHL	A	Negative	0.01
100	PAIN	WAL	PLASTER	C	INTACT	BLUE	CORR	SECOND	GLYNN ARCHER SCHL	A	Negative	0.01
101	PAIN	WAL	PLASTER	B	INTACT	BLUE	CORR	SECOND	GLYNN ARCHER SCHL	A	Negative	0.19
102	PAIN	WAL	PLASTER	A	INTACT	BLUE	CORR	SECOND	GLYNN ARCHER SCHL	A	Negative	0.1

D = EAST

C = NORTH

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A = SOUTH

GLYNN ARCHER ELEMENTARY SCHOOL - 1302 WHITE STREET, KEY WEST, FL

Reading Nc Type	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	ROOM NUMBER	FLOOR	SITE/ADDRESS	BLDG	Results	Pbc
103	PAINT	WALL	A	INTACT	BLUE	CORR	CORR	SECOND	GLYNN ARCHER SCHL	A	Negative	0
104	PAINT	WALL	A	INTACT	BEIGE	CORR	CORR	SECOND	GLYNN ARCHER SCHL	A	Negative	0.4
105	PAINT	WALL	A	INTACT	BEIGE	CORR	CORR	SECOND	GLYNN ARCHER SCHL	A	Negative	0.9
106	PAINT	WALL	A	INTACT	BEIGE	CORR	CORR	SECOND	GLYNN ARCHER SCHL	A	Negative	0.26
107	PAINT	DOOR	C	Not Intact- FAIR	BLUE	CR	203	SECOND	GLYNN ARCHER SCHL	A	Negative	0.16
108	PAINT	DOOR C	C	INTACT	BLUE	CR	203	SECOND	GLYNN ARCHER SCHL	A	Negative	0.08
109	PAINT	BASEBOARD	C	Not Intact-POOR	BLACK	CR	203	SECOND	GLYNN ARCHER SCHL	A	Negative	0.27
110	PAINT	TRIM	A	Not Intact- FAIR	BLUE	CR	203	SECOND	GLYNN ARCHER SCHL	A	Positive	2.1
111	PAINT	WALL	A	INTACT	BEIGE	CR	203	SECOND	GLYNN ARCHER SCHL	A	Negative	0.18
112	PAINT	WALL	B	Not Intact-POOR	BEIGE	CR	203	SECOND	GLYNN ARCHER SCHL	A	Negative	0
113	PAINT	WALL	B	INTACT	BEIGE	CR	203	SECOND	GLYNN ARCHER SCHL	A	Positive	1.8
114	PAINT	WALL	C	INTACT	BEIGE	CR	203	SECOND	GLYNN ARCHER SCHL	A	Positive	1.7
115	PAINT	WALL	C	INTACT	BEIGE	CR	202	SECOND	GLYNN ARCHER SCHL	A	Negative	0.16
116	PAINT	WALL	B	INTACT	BEIGE	CR	202	SECOND	GLYNN ARCHER SCHL	A	Negative	0.17
117	PAINT	WALL	A	Not Intact- FAIR	BEIGE	CR	202	SECOND	GLYNN ARCHER SCHL	A	Negative	0.12
118	PAINT	BASEBOARD	A	INTACT	BEIGE	CR	202	SECOND	GLYNN ARCHER SCHL	A	Negative	0.17
119	PAINT	WALL	D	INTACT	BEIGE	CR	202	SECOND	GLYNN ARCHER SCHL	A	Negative	0
120	PAINT	DOOR	C	Not Intact- FAIR	BLUE	CR	202	SECOND	GLYNN ARCHER SCHL	A	Negative	0.15
121	PAINT	DOOR C	C	Not Intact- FAIR	BLUE	CR	202	SECOND	GLYNN ARCHER SCHL	A	Negative	0.11
122	PAINT	DOOR C	C	Not Intact- FAIR	PURPLE	CR	213	SECOND	GLYNN ARCHER SCHL	A	Negative	0.16
123	PAINT	DOOR	C	Not Intact-POOR	PURPLE	CR	213	SECOND	GLYNN ARCHER SCHL	A	Negative	0.05
124	PAINT	BASEBOARD	C	Not Intact-POOR	BLACK	CR	213	SECOND	GLYNN ARCHER SCHL	A	Negative	0.5
125	PAINT	WALL	D	INTACT	BEIGE	CR	213	SECOND	GLYNN ARCHER SCHL	A	Negative	0.24
126	PAINT	WALL	D	Not Intact- FAIR	BEIGE	CR	213	SECOND	GLYNN ARCHER SCHL	A	Negative	0.3
127	PAINT	WALL	A	Not Intact- FAIR	BEIGE	CR	213	SECOND	GLYNN ARCHER SCHL	A	Negative	0.9
128	PAINT	WALL	A	Not Intact- FAIR	BEIGE	CR	213	SECOND	GLYNN ARCHER SCHL	A	Negative	0.02
129	PAINT	WALL	C	INTACT	PURPLE	CR	213	SECOND	GLYNN ARCHER SCHL	A	Negative	0.2
130	PAINT	WALL	D	Not Intact- FAIR	BEIGE	CR	200	SECOND	GLYNN ARCHER SCHL	A	Negative	0
131	PAINT	WALL	D	INTACT	BEIGE	CR	200	SECOND	GLYNN ARCHER SCHL	A	Negative	0
132	PAINT	WALL	A	INTACT	BEIGE	CR	200	SECOND	GLYNN ARCHER SCHL	A	Negative	0.19
133	PAINT	WALL	B	Not Intact-POOR	BEIGE	CR	200	SECOND	GLYNN ARCHER SCHL	A	Negative	0.24
134	PAINT	BASEBOARD	B	Not Intact- FAIR	BEIGE	CR	200	SECOND	GLYNN ARCHER SCHL	A	Negative	0.2
135	PAINT	DOOR	C	Not Intact-POOR	BEIGE	CR	200	SECOND	GLYNN ARCHER SCHL	A	Negative	0.15
136	PAINT	DOOR C	C	Not Intact-POOR	BEIGE	CR	200	SECOND	GLYNN ARCHER SCHL	A	Negative	0.29

D = EAST

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GLYNN ARCHER ELEMENTARY SCHOOL - 1302 WHITE STREET, KEY WEST, FL

Reading Nc Type	Component	Substrate	Side	Condition	Color	Room Type	Room Number	Floor	Site/Address	BLDG	Results	PbC
137	PAINT	DOOR C	WOOD	D	Not intact-POOR	CR	204	SECOND	GLYNN ARCHER SCHL	A	Negative	0.16
138	PAINT	DOOR	WOOD	D	Not intact-POOR	CR	204	SECOND	GLYNN ARCHER SCHL	A	Negative	0.22
139	PAINT	BASEBOARD	WOOD	D	Not intact- FAIR	CR	204	SECOND	GLYNN ARCHER SCHL	A	Negative	0.5
140	PAINT	WALL	PLASTER	D	Not intact-POOR	CR	204	SECOND	GLYNN ARCHER SCHL	A	Negative	0.22
141	PAINT	WALL	PLASTER	A	Not intact-POOR	CR	204	SECOND	GLYNN ARCHER SCHL	A	Negative	0.9
142	PAINT	WALL	PLASTER	A	Not intact-POOR	CR	204	SECOND	GLYNN ARCHER SCHL	A	Negative	0.16
143	PAINT	WALL	PLASTER	A	Not intact-POOR	CR	204	SECOND	GLYNN ARCHER SCHL	A	Negative	0.25
144	PAINT	TRIM	WOOD	D	Not intact-POOR	CR	204	SECOND	GLYNN ARCHER SCHL	A	Negative	0.4
145	PAINT	WALL	CERAMIC TILE	D	INTACT	BATHROOM	212	SECOND	GLYNN ARCHER SCHL	A	Negative	0.04
146	PAINT	FLOOR	CERAMIC TILE	D	Not intact- FAIR	BATHROOM	212	SECOND	GLYNN ARCHER SCHL	A	Positive	1.3
147	PAINT	WALL	PLASTER	C	Not intact- FAIR	BATHROOM	212	SECOND	GLYNN ARCHER SCHL	A	Negative	0
148	PAINT	WALL	PLASTER	D	Not intact- FAIR	BATHROOM	212	SECOND	GLYNN ARCHER SCHL	A	Negative	0.5
149	PAINT	WALL	PLASTER	A	Not intact- FAIR	BATHROOM	212	SECOND	GLYNN ARCHER SCHL	A	Negative	0.7
150	PAINT	DOOR	WOOD	A	Not intact- FAIR	BATHROOM	212	SECOND	GLYNN ARCHER SCHL	A	Negative	0.11
151	PAINT	DOOR	WOOD	A	Not intact- FAIR	BATHROOM	212	SECOND	GLYNN ARCHER SCHL	A	Negative	0.11
152	PAINT	DOOR C	WOOD	A	Not intact- FAIR	BATHROOM	212	SECOND	GLYNN ARCHER SCHL	A	Negative	0.4
153	PAINT	CALIBRATE	WOOD	A	Not intact- FAIR	BATHROOM	212	SECOND	GLYNN ARCHER SCHL	A	Negative	1
154	SHUTTER_CAL	CALIBRATE	WOOD	CALIBRATE INTACT	ORANGE	BATHROOM	212	SECOND	GLYNN ARCHER SCHL	A	Positive	2.76
155	PAINT	CAL	WOOD	CALIBRATE INTACT	ORANGE	CORR	CORR OUT 120	FIRST	GLYNN ARCHER SCHL	A	Positive	1.1
156	PAINT	WALL	PLASTER	CALIBRATE Not intact-POOR	BEIGE	CORR	CORR OUT 120	FIRST	GLYNN ARCHER SCHL	A	Positive	3.2
157	PAINT	DOOR	WOOD	A	Not intact- FAIR	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	A	Negative	0.03
158	PAINT	DOOR C	WOOD	A	INTACT	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.16
159	PAINT	DOOR C	WOOD	A	Not intact- FAIR	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.29
160	PAINT	BASEBOARD	WOOD	B	Not intact- FAIR	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.13
161	PAINT	DOOR	WOOD	A	INTACT	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.23
162	PAINT	WALL	PLASTER	A	INTACT	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Positive	1
163	PAINT	WALL	PLASTER	B	Not intact- FAIR	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.15
164	PAINT	WALL	PLASTER	D	Not intact- FAIR	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Positive	1
165	PAINT	WALL	CONCRETE	D	INTACT	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Positive	1
166	PAINT	COLUMN	CONCRETE	D	INTACT	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Positive	1.2
167	PAINT	W SILL	PLASTER	D	Not intact- FAIR	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Positive	0.3
168	PAINT	DOOR	WOOD	D	Not intact-POOR	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.18
169	PAINT	DOOR C	WOOD	D	Not intact-POOR	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.29
170	PAINT	FLOOR	WOOD	C	Not intact- FAIR	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0

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GLYNN ARCHER ELEMENTARY SCHOOL - 1302 WHITE STREET, KEY WEST, FL

Reading Nc Type	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	ROOM NUMBER	FLOOR	SITE/ADDRESS	BLDG	Results	PbC
171	PAINT TRIM	WOOD	C	Not Intact-FAIR	GREEN	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.23
172	PAINT TRIM	WOOD	C	Not Intact-FAIR	GREEN	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.22
173	PAINT WALL	PLASTER	C	INTACT	BEIGE	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.4
174	PAINT WALL	CONCRETE	C	Not Intact-FAIR	BEIGE	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Positive	1.1
175	PAINT DOOR	WOOD	B	Not Intact-FAIR	BEIGE	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0
176	PAINT ST WALL	WOOD	C	Not Intact-POOR	BEIGE	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.12
177	PAINT DOOR C	WOOD	B	Not Intact-FAIR	BEIGE	CORR	AUD 117C	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.21
178	PAINT DOOR C	WOOD	B	Not Intact-POOR	BEIGE	AUD	AUD 117C	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.2
179	PAINT DOOR C	WOOD	B	Not Intact-FAIR	BEIGE	AUD	AUD 117C	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.09
180	PAINT DOOR C	WOOD	B	Not Intact-POOR	BEIGE	AUD	AUD 117D	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.09
181	PAINT DOOR	WOOD	B	Not Intact-POOR	BEIGE	AUD	AUD 117D	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.08
182	PAINT DOOR	WOOD	B	Not Intact-FAIR	PINK	AUD	AUD 117D	FIRST	GLYNN ARCHER SCHL	AUD	Positive	2.9
183	PAINT DOOR C	WOOD	B	Not Intact-POOR	PINK	AUD	AUD 117D	FIRST	GLYNN ARCHER SCHL	AUD	Positive	2
184	PAINT DOOR C	WOOD	B	Not Intact-POOR	GREY	AUD	AUD 117D	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.08
185	PAINT BASEBOARD	WOOD	C	Not Intact-POOR	BLACK	AUD	AUD 117D	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.13
186	PAINT BASEBOARD	WOOD	A	Not Intact-POOR	BLACK	AUD	AUD 117A	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.24
187	PAINT DOOR	WOOD	D	Not Intact-FAIR	BEIGE	AUD	AUD 117A	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.06
188	PAINT DOOR C	WOOD	D	Not Intact-POOR	GREY	AUD	AUD 117A	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.3
189	PAINT DOOR C	WOOD	D	Not Intact-POOR	GREEN	AUD	AUD 117A	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.23
190	PAINT DOOR C	WOOD	C	Not Intact-POOR	GREY	AUD	AUD 117A	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.5
191	PAINT DOOR	WOOD	C	Not Intact-FAIR	WHITE	AUD	AUD 117A	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.4
192	PAINT WALL	PLASTER	C	Not Intact-FAIR	BROWN	AUD	AUD 117A	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0
193	PAINT AUD CHAIRS	PLASTER	C	Not Intact-FAIR	BROWN	AUD	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0
194	PAINT AUD CHAIRS	PLASTER	A	Not Intact-FAIR	BROWN	AUD	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0
195	PAINT DOOR	WOOD	A	Not Intact-FAIR	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Positive	6.8
196	PAINT DOOR C	WOOD	A	Not Intact-FAIR	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.21
197	PAINT DOOR C	WOOD	A	Not Intact-FAIR	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.21
198	PAINT DOOR S	METAL	A	Not Intact-FAIR	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.01
199	PAINT TRIM	WOOD	A	Not Intact-FAIR	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0
200	PAINT TRIM	WOOD	B	Not Intact-FAIR	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.01
201	PAINT WALL	WOOD	B	Not Intact-FAIR	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.01
202	PAINT WALL	WOOD	B	Not Intact-FAIR	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.07
203	PAINT WALL	PLASTER	B	Not Intact-FAIR	BEIGE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.27
204	PAINT WALL	CONCRETE	B	Not Intact-FAIR	BEIGE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.5
	PAINT WALL	CONCRETE	B	Not Intact-FAIR	BEIGE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.21

D = EAST

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GLYNN ARCHER ELEMENTARY SCHOOL - 1302 WHITE STREET, KEY WEST, FL

Reading Nc Type	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	ROOM NUMBER	FLOOR	SITE/ADDRESS	BLDG	Results	PbC
205	PAINT WALL	CONCRETE	B	Not Intact- FAIR	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Positive	1.7
206	PAINT DOOR	WOOD	B	Not Intact- FAIR	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0
207	PAINT DOOR C	WOOD	B	INTACT	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.04
208	PAINT TRIM	WOOD	B	INTACT	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.03
209	PAINT BASEBOARD	WOOD	B	Not Intact-POOR	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.07
210	PAINT WALLS	WOOD	B	Not Intact- FAIR	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.03
211	PAINT DOOR C	WOOD	B	Not Intact- FAIR	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.4
212	PAINT WALL	PLASTER	C	INTACT	BEIGE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.22
213	PAINT WALL	PLASTER	C	Not Intact- FAIR	BEIGE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.5
214	PAINT WALL	PLASTER	C	INTACT	BEIGE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.4
215	PAINT WALL	PLASTER	C	INTACT	BEIGE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.3
216	PAINT WALL	PLASTER	C	INTACT	BEIGE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0
217	PAINT WALL	PLASTER	D	INTACT	BEIGE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0
218	PAINT WALL	PLASTER	A	INTACT	BEIGE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.4
219	PAINT DOOR	WOOD	DA	Not Intact- FAIR	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Positive	9
220	PAINT DOOR	WOOD	DA	Not Intact-POOR	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Positive	9.2
221	PAINT DOOR C	WOOD	DA	Not Intact-POOR	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.17
222	PAINT DOOR C	WOOD	CD	Not Intact-POOR	BLUE	CORR ST	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.23
223	PAINT DOOR	WOOD	D	Not Intact- FAIR	BLUE	CORR ST	CORR	SECOND	GLYNN ARCHER SCHL	B	Negative	0.03
224	PAINT DOOR C	WOOD	D	Not Intact- FAIR	BLUE	CORR ST	CORR	SECOND	GLYNN ARCHER SCHL	B	Negative	0.01
225	PAINT BASEBOARD	WOOD	D	Not Intact- FAIR	BLUE	CORR ST	CORR	SECOND	GLYNN ARCHER SCHL	B	Negative	0.4
226	PAINT WALL	CONCRETE	D	INTACT	BLUE	CORR ST	CORR	SECOND	GLYNN ARCHER SCHL	B	Positive	1.7
227	PAINT WALL	CONCRETE	D	INTACT	BEIGE	CORR ST	CORR	SECOND	GLYNN ARCHER SCHL	B	Positive	1.5
228	PAINT WALL	CONCRETE	D	INTACT	BEIGE	CORR ST	CORR	SECOND	GLYNN ARCHER SCHL	B	Positive	1.4
229	PAINT DOOR	WOOD	D	INTACT	BLUE	CORR ST	CORR	SECOND	GLYNN ARCHER SCHL	B	Negative	0.04
230	PAINT DOOR C	WOOD	D	INTACT	BLUE	CORR ST	CORR	SECOND	GLYNN ARCHER SCHL	B	Negative	0.02
231	PAINT BASEBOARD	WOOD	A	Not Intact-POOR	BLUE	CORR ST	CORR	SECOND	GLYNN ARCHER SCHL	B	Negative	0.3
232	PAINT WALL	WOOD	A	Not Intact- FAIR	BLUE	CORR ST	CORR	SECOND	GLYNN ARCHER SCHL	B	Negative	0.06
233	PAINT WALL	WOOD	A	INTACT	BLUE	CORR ST	CORR	SECOND	GLYNN ARCHER SCHL	B	Negative	0.07
234	PAINT WALL	PLASTER	A	INTACT	BEIGE	CORR ST	CORR	SECOND	GLYNN ARCHER SCHL	B	Positive	1.1
235	PAINT WALL	PLASTER	A	INTACT	BEIGE	CORR ST	CORR	SECOND	GLYNN ARCHER SCHL	B	Negative	0.5
236	PAINT WALL	DRYWALL	A	INTACT	BEIGE	CORR ST	CORR	SECOND	GLYNN ARCHER SCHL	B	Negative	0
237	PAINT WALL	DRYWALL	A	INTACT	BLUE	CORR ST	CORR	SECOND	GLYNN ARCHER SCHL	B	Negative	0
238	PAINT WALL	PLASTER	A	INTACT	BLUE	CORR ST	CORR	SECOND	GLYNN ARCHER SCHL	B	Negative	0.4

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GLYNN ARCHER ELEMENTARY SCHOOL - 1302 WHITE STREET, KEY WEST, FL

Reading Nc Type	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	ROOM NUMBER	FLOOR	SITE/ADDRESS	INSPECTC Results	PbC	
239	PAINT	WALL	CONCRETE	B	Not intact- FAIR	CORR ST	CORR	SECOND	GAS BLDG B	B	Negative	0.29
240	PAINT	WALL	CONCRETE	B	Not intact- FAIR	CORR ST	CORR	SECOND	GAS BLDG B	B	Negative	0.12
241	PAINT	WALL	CONCRETE	B	Not intact-POOR	CORR ST	CORR	SECOND	GAS BLDG B	B	Positive	1.2
242	PAINT	WALL	CONCRETE	B	INTACT	CORR ST	CORR	SECOND	GAS BLDG B	B	Negative	0.4
243	PAINT	WALL	PLASTER	C	INTACT	CR	207	SECOND	GAS BLDG B	B	Negative	0.27
244	PAINT	WALL	CONCRETE	C	Not intact- FAIR	CR	207	SECOND	GAS BLDG B	B	Positive	1
245	PAINT	WALL	CONCRETE	C	INTACT	CR	207	SECOND	GAS BLDG B	B	Negative	0
246	PAINT	WALL	CONCRETE	A	INTACT	CR	207	SECOND	GAS BLDG B	B	Negative	0
247	PAINT	TRIM	WOOD	B	Not intact- FAIR	CR	207	SECOND	GAS BLDG B	B	Negative	0.11
248	PAINT	BASEBOARD	WOOD	B	Not intact- FAIR	CR	207	SECOND	GAS BLDG B	B	Negative	0.4
249	PAINT	DOOR	WOOD	B	Not intact- FAIR	CR	207	SECOND	GAS BLDG B	B	Negative	-0.11
250	PAINT	DOOR C	WOOD	B	Not intact- FAIR	CR	207	SECOND	GAS BLDG B	B	Negative	0.25
251	PAINT	DOOR C	WOOD	C	Not intact- FAIR	CR	207	SECOND	GAS BLDG B	B	Negative	0.4
252	PAINT	DOOR	WOOD	C	Not intact- FAIR	CR	215	SECOND	GAS BLDG B	B	Negative	0.19
253	PAINT	DOOR	WOOD	C	Not intact- FAIR	CR	215	SECOND	GAS BLDG B	B	Negative	0.7
254	PAINT	DOOR C	WOOD	C	Not intact-POOR	PURPLE	215	SECOND	GAS BLDG B	B	Negative	0.14
255	PAINT	BASEBOARD	WOOD	C	Not intact- FAIR	CR	215	SECOND	GAS BLDG B	B	Negative	0.21
256	PAINT	TRIM	WOOD	D	Not intact- FAIR	CR	215	SECOND	GAS BLDG B	B	Positive	2
257	PAINT	TRIM	WOOD	C	Not intact- FAIR	CR	215	SECOND	GAS BLDG B	B	Positive	1.4
258	PAINT	BASEBOARD	WOOD	C	Not intact- FAIR	CR	215	SECOND	GAS BLDG B	B	Negative	0.3
259	PAINT	DC	WOOD	B	Not intact-POOR	CR	215	SECOND	GAS BLDG B	B	Negative	0.4
260	PAINT	W F	WOOD	B	Not intact-POOR	CR	215	SECOND	GAS BLDG B	B	Negative	0.2
261	PAINT	WALL	PLASTER	A	Not intact- FAIR	CR	215	SECOND	GAS BLDG B	B	Negative	0
262	PAINT	DOOR	WOOD	C	INTACT	CR	215	SECOND	GAS BLDG B	B	Negative	0.4
263	PAINT	DOOR C	WOOD	C	INTACT	CR	215	SECOND	GAS BLDG B	B	Negative	0.3
264	PAINT	DOOR C	WOOD	C	INTACT	CR	215	SECOND	GAS BLDG B	B	Negative	0.24
265	PAINT	DOOR	WOOD	C	Not intact- FAIR	CR	216	SECOND	GAS BLDG B	B	Negative	0.22
266	PAINT	DOOR	WOOD	C	Not intact-POOR	BEIGE	216	SECOND	GAS BLDG B	B	Negative	0.24
267	PAINT	DOOR	WOOD	C	Not intact- FAIR	CR	216	SECOND	GAS BLDG B	B	Negative	0.15
268	PAINT	DOOR	WOOD	C	Not intact-POOR	BEIGE	216	SECOND	GAS BLDG B	B	Negative	0.11
269	PAINT	WALL	PLASTER	C	INTACT	CR	216	SECOND	GAS BLDG B	B	Negative	0.9
270	PAINT	WALL	PLASTER	B	Not intact- FAIR	CR	216	SECOND	GAS BLDG B	B	Negative	0
271	PAINT	WALL	CERAMIC TILE	B	Not intact- FAIR	CR	216	SECOND	GAS BLDG B	B	Negative	0.1
272	PAINT	BASEBOARD	CERAMIC TILE	B	Not intact-POOR	CR	216	SECOND	GAS BLDG B	B	Positive	2.2

D = EAST

C = NORTH

B = WEST

A = SOUTH

GLYNN ARCHER ELEMENTARY SCHOOL - 1302 WHITE STREET, KEY WEST, FL												
Reading Nc Type	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	ROOM NUMBER	FLOOR	SITE/ADDRESS	INSPECTC Results	PbC	
274	PAINT	BASEBOARD	CERAMIC TILE B	Not Intact-POOR	WHITE	CR	216	SECOND	GAS BLDG B	B	1.8	
275	PAINT	FLOOR	CERAMIC TILE B	Not Intact-FAIR	GREY	CR	216	SECOND	GAS BLDG B	B	0.02	
276	PAINT	TRIM	WOOD	Not Intact-FAIR	WHITE	CR	216	SECOND	GAS BLDG B	B	0.01	
277	PAINT	WALL	DRYWALL	INTACT	BEIGE	CR	216	SECOND	GAS BLDG B	B	0	
278	PAINT	WALL	PLASTER	INTACT	BEIGE	BR	217B	SECOND	GAS BLDG B	B	0	
279	PAINT	WALL	CERAMIC TILE D	INTACT	BEIGE	BR	217B	SECOND	GAS BLDG B	B	0.01	
280	PAINT	FLOOR	CERAMIC TILE D	Not Intact-FAIR	WHITE	BR	217B	SECOND	GAS BLDG B	B	0.01	
281	PAINT	DOOR C	WOOD	INTACT	BLUE	BR	217B	SECOND	GAS BLDG B	B	0.02	
282	PAINT	DOOR C	WOOD	INTACT	BLUE	BR	217B	SECOND	GAS BLDG B	B	0	
283	PAINT	DOOR	WOOD	INTACT	BLUE	CR	206	SECOND	GAS BLDG B	B	0.09	
284	PAINT	DOOR	WOOD	Not Intact-FAIR	BLUE	CR	206	SECOND	GAS BLDG B	B	0.05	
285	PAINT	DOOR	WOOD	Not Intact-FAIR	BEIGE	CR	206	SECOND	GAS BLDG B	B	0.04	
286	PAINT	BASEBOARD	WOOD	Not Intact-POOR	WHITE	CR	206	SECOND	GAS BLDG B	B	0.23	
287	PAINT	WALL	PLASTER	Not Intact-FAIR	WHITE	CR	206	SECOND	GAS BLDG B	B	0.01	
288	PAINT	WALL	PLASTER	Not Intact-FAIR	WHITE	CR	206	SECOND	GAS BLDG B	B	1.3	
289	PAINT	WALL	PLASTER	INTACT	WHITE	CR	206	SECOND	GAS BLDG B	B	1.2	
290	PAINT	WALL	PLASTER	INTACT	WHITE	CR	206	SECOND	GAS BLDG B	B	0	
291	PAINT	TRIM	WOOD	Not Intact-POOR	GREEN	CR	206	SECOND	GAS BLDG B	B	0	
292	PAINT	BKCSE	WOOD	Not Intact-POOR	GREEN	CR	206	SECOND	GAS BLDG B	B	0.03	
293	PAINT	BKCSE	WOOD	Not Intact-FAIR	BROWN	CR	206	SECOND	GAS BLDG B	B	0.02	
294	PAINT	BKCSE	WOOD	Not Intact-FAIR	BROWN	CR	208	SECOND	GAS BLDG B	B	0.14	
295	PAINT	CROWN MOLD	PLASTER	Not Intact-POOR	YELLOW	CR	208	SECOND	GAS BLDG B	B	0.07	
296	PAINT	CROWN MOLD	WOOD	Not Intact-POOR	YELLOW	CR	208	SECOND	GAS BLDG B	B	0.15	
297	PAINT	WALL	WOOD	Not Intact-POOR	YELLOW	CR	208	SECOND	GAS BLDG B	B	0.14	
298	PAINT	WALL	PLASTER	Not Intact-POOR	YELLOW	CR	208	SECOND	GAS BLDG B	B	0.15	
299	PAINT	CEILING	PLASTER	Not Intact-POOR	WHITE	CR	208	SECOND	GAS BLDG B	B	0.5	
300	PAINT	WALL	PLASTER	Not Intact-POOR	BLUE	CR	208	SECOND	GAS BLDG B	B	0.3	
301	PAINT	WALL	PLASTER	Not Intact-POOR	BLUE	CR	208	SECOND	GAS BLDG B	B	0.24	
302	PAINT	WALL	PLASTER	Not Intact-FAIR	BLUE	CR	208	SECOND	GAS BLDG B	B	0.02	
303	PAINT	WALL	PLASTER	Not Intact-FAIR	BLUE	CR	208	SECOND	GAS BLDG B	B	0.02	
304	PAINT	WALL	PLASTER	Not Intact-FAIR	BLUE	CR	208	SECOND	GAS BLDG B	B	0	
305	PAINT	WALL	PLASTER	Not Intact-FAIR	BLUE	CR	208	SECOND	GAS BLDG B	B	0	
306	PAINT	WALL	PLASTER	Not Intact-FAIR	BLUE	CR	208	SECOND	GAS BLDG B	B	0.04	
307	PAINT	TRIM	WOOD	Not Intact-POOR	BLUE	CR	208	SECOND	GAS BLDG B	B	0	
308	PAINT	TRIM	WOOD	Not Intact-POOR	BLUE	CR	208	SECOND	GAS BLDG B	B	0.04	
309	PAINT	DOOR C	WOOD	Not Intact-FAIR	BLUE	CR	208	SECOND	GAS BLDG B	B	0	
310	PAINT	DOOR C	WOOD	Not Intact-FAIR	BLUE	CR	208	SECOND	GAS BLDG B	B	0.2	
311	PAINT	DOOR	WOOD	Not Intact-POOR	BLUE	CR	208	SECOND	GAS BLDG B	B	0.4	
312	PAINT	DOOR	WOOD	Not Intact-POOR	BLUE	CR	208	SECOND	GAS BLDG B	B	0.4	

D = EAST

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GLYNN ARCHER ELEMENTARY SCHOOL - 1302 WHITE STREET, KEY WEST, FL

Reading Nc Type	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	ROOM NUMBER	FLOOR	SITE/ADDRESS	INSPECTC Results	PbC
307	SHUTTER	CAL	CALIBRATE	INTACT	ORANGE	N	N	SECOND	GAS	B	2.8
308	PAINT	CAL	CALIBRATE	INTACT	ORANGE	N	N	SECOND	GAS	B	1
309	PAINT	CAL	CALIBRATE	INTACT	ORANGE	N	N	SECOND	GAS	B	1.1
310	PAINT	DOOR	A	Not Intact-POOR	BLUE	CR	209	SECOND	GAS	B	0.27
311	PAINT	DOOR C	A	Not Intact-FAIR	BLUE	CR	209	SECOND	GAS	B	0.15
312	PAINT	BASEBOARD	A	Not Intact-FAIR	BLUE	CR	209	SECOND	GAS	B	0.6
313	PAINT	BASEBOARD	A	Not Intact-FAIR	BLUE	CR	209	SECOND	GAS	B	0.28
314	PAINT	WALL	A	Not Intact-FAIR	BLUE	CR	209	SECOND	GAS	B	0.21
315	PAINT	WALL	C	Not Intact-FAIR	BLUE	CR	209	SECOND	GAS	B	0.3
316	PAINT	WALL	D	Not Intact-FAIR	BLUE	CR	209	SECOND	GAS	B	0
317	PAINT	WALL	B	Not Intact-FAIR	BLUE	CR	209	SECOND	GAS	B	0
318	PAINT	CBNT FRONT	B	Not Intact-FAIR	WHITE	CR	209	SECOND	GAS	B	0.04
319	PAINT	DOOR	B	Not Intact-POOR	WHITE	CR	210	SECOND	GAS	B	0.06
320	PAINT	DOOR C	B	Not Intact-POOR	WHITE	CR	210	SECOND	GAS	B	0.26
321	PAINT	BASEBOARD	B	Not Intact-FAIR	WHITE	CR	210	SECOND	GAS	B	0.25
322	PAINT	WALL	A	Not Intact-FAIR	BEIGE	CR	210	SECOND	GAS	B	0.3
323	PAINT	WALL	C	Not Intact-FAIR	BEIGE	CR	210	SECOND	GAS	B	0.01
324	PAINT	WALL	C	Not Intact-FAIR	BEIGE	CR	210	SECOND	GAS	B	0
325	PAINT	WALL	D	Not Intact-POOR	BEIGE	CR	210	SECOND	GAS	B	0.28
326	PAINT	WALL	A	Not Intact-FAIR	BLUE	CR	107	FIRST	GAS	B	0.05
327	PAINT	DOOR	A	Not Intact-FAIR	BLUE	CR	107	FIRST	GAS	B	0.28
328	PAINT	DOOR C	A	Not Intact-POOR	BLUE	CR	107	FIRST	GAS	B	-0.31
329	PAINT	DOOR C	A	Not Intact-FAIR	BLUE	CR	107	FIRST	GAS	B	-0.3
330	PAINT	DOOR	A	Not Intact-FAIR	PINK	CR	107	FIRST	GAS	B	0.19
331	PAINT	DOOR	B	Not Intact-FAIR	PINK	CR	107	FIRST	GAS	B	0.06
332	PAINT	TRIM	B	Not Intact-POOR	BLACK	CR	107	FIRST	GAS	B	0.6
333	PAINT	TRIM	B	Not Intact-FAIR	WHITE	CR	107	FIRST	GAS	B	0.12
334	PAINT	TRIM	B	INTACT	YELLOW	CR	107	FIRST	GAS	B	0
335	PAINT	WALL	B	INTACT	YELLOW	CR	107	FIRST	GAS	B	0.09
336	PAINT	WALL	A	INTACT	YELLOW	CR	107	FIRST	GAS	B	0.05
337	PAINT	WALL	A	Not Intact-FAIR	WHITE	CR	107	FIRST	GAS	B	0.22
338	PAINT	WALL	D	Not Intact-FAIR	YELLOW	CR	107	FIRST	GAS	B	0.9
339	PAINT	WALL	D	INTACT	WHITE	CR	106	FIRST	GAS	B	0.3
340	PAINT	WALL	B	INTACT	WHITE	CR	106	FIRST	GAS	B	0
			A	INTACT	WHITE	CR	106	FIRST	GAS	B	0
			A	INTACT	WHITE	CR	106	FIRST	GAS	B	0

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GLYNN ARCHER ELEMENTARY SCHOOL - 1302 WHITE STREET, KEY WEST, FL

Reading Nc Type	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	ROOM NUMBER	FLOOR	SITE/ADDRESS	INSPECTC Results	PbC
341	PAINT	WALL	A	INTACT	WHITE	CR	106	FIRST	GAS	B	0.5
342	PAINT	DOOR	A	Not Intact-POOR	BEIGE	CR	108	FIRST	GAS	B	-0.04
343	PAINT	DOOR C	A	Not Intact-FAIR	BEIGE	CR	108	FIRST	GAS	B	0.08
344	PAINT	WALL	C	Not Intact-FAIR	BEIGE	CR	108	FIRST	GAS	B	0
345	PAINT	WALL	A	Not Intact-POOR	BEIGE	CR	105	FIRST	GAS	B	0.01
346	PAINT	WALL	A	Not Intact-POOR	WHITE	CR	105	FIRST	GAS	B	0.02
347	PAINT	WALL	D	Not Intact-FAIR	WHITE	CR	105	FIRST	GAS	B	0.14
348	PAINT	WALL	D	INTACT	WHITE	CR	105	FIRST	GAS	B	0.02
349	PAINT	TRIM	C	Not Intact-FAIR	BEIGE	CR	105	FIRST	GAS	B	0.03
350	PAINT	BASEBOARD	C	Not Intact-FAIR	BEIGE	CR	105	FIRST	GAS	B	0.7
351	PAINT	BASEBOARD	B	INTACT	WHITE	CR	121	FIRST	GAS	B	0
352	PAINT	WOOD	B	Not Intact-FAIR	BEIGE	CR	121	FIRST	GAS	B	0.01
353	PAINT	WAL	C	INTACT	WHITE	CR	121A	FIRST	GAS	B	0.01
354	PAINT	DOOR	D	Not Intact-FAIR	WHITE	CR	121A	FIRST	GAS	B	0.12
355	PAINT	DOOR C	D	Not Intact-FAIR	WHITE	CR	121A	FIRST	GAS	B	0.08
356	PAINT	DOOR C	D	Not Intact-POOR	BLUE	BATHROOM	BOYS	FIRST	GAS	B	0
357	PAINT	WAL	D	Not Intact-POOR	BEIGE	BATHROOM	BOYS	FIRST	GAS	B	0.3
358	PAINT	WAL	B	Not Intact-FAIR	GREEN	BATHROOM	BOYS	FIRST	GAS	B	0.01
359	PAINT	FLOOR	B	Not Intact-FAIR	GREY	BATHROOM	BOYS	FIRST	GAS	B	0.01
360	PAINT	BASEBOARD	B	Not Intact-FAIR	BEIGE	BATHROOM	BOYS	FIRST	GAS	B	1.7
361	PAINT	DOOR	D	Not Intact-FAIR	BEIGE	CR	104	FIRST	GAS	B	0.12
362	PAINT	DOOR C	D	Not Intact-POOR	BEIGE	CR	104	FIRST	GAS	B	0.22
363	PAINT	TRIM	D	Not Intact-POOR	BEIGE	CR	104	FIRST	GAS	B	0.11
364	PAINT	TRIM	D	Not Intact-POOR	BEIGE	CR	104	FIRST	GAS	B	0.08
365	PAINT	WALL	B	INTACT	BEIGE	CR	104	FIRST	GAS	B	0.04
366	PAINT	WALL	A	Not Intact-FAIR	BEIGE	CR	104	FIRST	GAS	B	0.05
367	PAINT	WALL	A	Not Intact-FAIR	BEIGE	CR	109B	FIRST	GAS	B	0.07
368	PAINT	WALL	C	Not Intact-FAIR	BEIGE	CR	109B	FIRST	GAS	B	2.5
369	PAINT	WALL	C	Not Intact-FAIR	BEIGE	CR	109B	FIRST	GAS	B	0.9
370	PAINT	WALL	B	Not Intact-POOR	BEIGE	CR	109B	FIRST	GAS	B	1.6
371	PAINT	WALL	D	Not Intact-FAIR	BEIGE	CR	109B	FIRST	GAS	B	-0.06
372	PAINT	BASEBOARD	B	Not Intact-POOR	BEIGE	CR	109B	FIRST	GAS	B	0.19
373	PAINT	TRIM	A	Not Intact-POOR	BLUE	CR	109B	FIRST	GAS	B	0.13
374	PAINT	WALL	A	Not Intact-FAIR	BEIGE	CR	104	FIRST	GAS	B	0.21

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GLYNN ARCHER ELEMENTARY SCHOOL - 1302 WHITE STREET, KEY WEST, FL

Reading Nc Type	Component	Substrate	Side	Condition	Color	Room Type	Room Number	Room Address	Inspect	Results	Pbc
375	PAINT WALL	PLASTER	D	Not Intact- FAIR	BEIGE	STAIRS	E STAIRS	GAS	B	Negative	0.5
376	PAINT STR HAND RAILWOOD	WOOD	D	Not Intact- FAIR	BLUE	STAIRS	E STAIRS	GAS	B	Negative	0.21
377	PAINT STR NEWAL PWOOD	WOOD	D	Not Intact- FAIR	BLUE	STAIRS	E STAIRS	GAS	B	Negative	0.08
378	PAINT CAL	WOOD	CALIBRATE	INTACT	ORANGE	STAIRS	E STAIRS	GAS	B	Positive	1
379	SHUTTER_CAL										2.88
380	PAINT CAL	WOOD	CALIBRATE	INTACT	ORANGE	N	N	GAS BLDG C	C	Positive	1.2
381	PAINT D	WOOD	B	INTACT	BLUE	CR	113A	GAS BLDG C	C	Negative	0.06
382	PAINT DC	WOOD	B	Not Intact- FAIR	BLUE	CR	113A	GAS BLDG C	C	Negative	0.26
383	PAINT BASEBOARD	WOOD	B	Not Intact-POOR	YELLOW	CR	113A	GAS BLDG C	C	Negative	0.03
384	PAINT BASEBOARD	WOOD	B	Not Intact-POOR	YELLOW	CR	113A	GAS BLDG C	C	Negative	0
385	PAINT WALL	PLASTER	D	INTACT	YELLOW	CR	113A	GAS BLDG C	C	Negative	0
386	PAINT WALL	PLASTER	B	INTACT	YELLOW	CR	113A	GAS BLDG C	C	Negative	0
387	PAINT D	WOOD	B	INTACT	BLUE	BATHROOM	BOYS	GAS BLDG C	C	Negative	0.03
388	PAINT DC	WOOD	B	Not Intact-POOR	BLUE	BATHROOM	BOYS	GAS BLDG C	C	Negative	0
389	PAINT DC	WOOD	B	INTACT	BEIGE	BATHROOM	BOYS	GAS BLDG C	C	Negative	0
390	PAINT WALL	CERAMIC TILE	A	INTACT	BEIGE	BATHROOM	BOYS	GAS BLDG C	C	Negative	0.01
391	PAINT FLOOR	CERAMIC TILE	A	INTACT	GREY	BATHROOM	BOYS	GAS BLDG C	C	Negative	0.01
392	PAINT SINK	METAL	A	Not Intact- FAIR	WHITE	BATHROOM	BOYS	GAS BLDG C	C	Positive	28.3
393	PAINT SINK	METAL	A	Not Intact-POOR	WHITE	BATHROOM	BOYS	GAS BLDG C	C	Positive	28.1
394	PAINT TOILET	CERAMIC TILE	C	INTACT	WHITE	BATHROOM	BOYS	GAS BLDG C	C	Negative	0.03
395	PAINT D	WOOD	B	Not Intact- FAIR	BLUE	BATHROOM	134	GAS BLDG C	C	Negative	0.09
396	PAINT DC	WOOD	B	INTACT	BLUE	BATHROOM	134	GAS BLDG C	C	Negative	0.07
397	PAINT DC	WOOD	B	Not Intact- FAIR	WHITE	BATHROOM	134	GAS BLDG C	C	Negative	0.3
398	PAINT D	WOOD	B	Not Intact- FAIR	WHITE	BATHROOM	134	GAS BLDG C	C	Negative	0.03
399	PAINT DC	WOOD	B	Not Intact- FAIR	WHITE	BATHROOM	134	GAS BLDG C	C	Negative	0.13
400	PAINT W	CERAMIC TILE	B	Not Intact- FAIR	GREEN	BATHROOM	134	GAS BLDG C	C	Negative	0.02
401	PAINT W	PLASTER	A	INTACT	WHITE	BATHROOM	134	GAS BLDG C	C	Negative	0.05
402	PAINT SINK	CERAMIC TILE	C	INTACT	WHITE	BATHROOM	134	GAS BLDG C	C	Negative	0.02
403	PAINT D	WOOD	B	Not Intact-POOR	BLUE	BATHROOM	126	GAS BLDG C	C	Negative	0.2
404	PAINT DC	WOOD	B	Not Intact- FAIR	BLUE	BATHROOM	126	GAS BLDG C	C	Negative	0.23
405	PAINT DC	WOOD	B	Not Intact-POOR	BEIGE	BATHROOM	126	GAS BLDG C	C	Negative	0.22
406	PAINT W	PLASTER	A	Not Intact- FAIR	BEIGE	BATHROOM	126	GAS BLDG C	C	Negative	0
407	PAINT W	PLASTER	D	Not Intact- FAIR	BEIGE	CORR	CORR	GAS BLDG C	C	Negative	0.02
408	PAINT W	PLASTER	D	Not Intact- FAIR	BLUE	CORR	CORR	GAS BLDG C	C	Negative	0.05

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GLYNN ARCHER ELEMENTARY SCHOOL - 1302 WHITE STREET, KEY WEST, FL												
Reading Nc Type	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	ROOM NUMBER	FLOOR	SITE/ADDRESS	INSPECT Results	PbC	
409	PAINT	W	B	Not Intact- FAIR	BLUE	CORR		FIRST	GAS BLDG C	C	0.06	
410	PAINT	W	B	Not Intact- FAIR	BEIGE	CORR		FIRST	GAS BLDG C	C	0	
411	PAINT	D	B	Not Intact- FAIR	BLUE	CR	111	FIRST	GAS BLDG C	C	0.04	
412	PAINT	DC	B	Not Intact-POOR	BLUE	CR	111	FIRST	GAS BLDG C	C	0.01	
413	PAINT	DC	B	Not Intact-POOR	YELLOW	CR	111	FIRST	GAS BLDG C	C	0.06	
414	PAINT	W	B	Not Intact- FAIR	WHITE	CR	111	FIRST	GAS BLDG C	C	0.1	
415	PAINT	W	A	Not Intact- FAIR	WHITE	CR	111	FIRST	GAS BLDG C	C	0.05	
416	PAINT	W	D	Not Intact-POOR	WHITE	CR	111	FIRST	GAS BLDG C	C	0.05	
417	PAINT	TRIM	D	Not Intact- FAIR	WHITE	CR	111	FIRST	GAS BLDG C	C	0.02	
418	PAINT	CBNT FRONT	C	Not Intact- FAIR	BEIGE	CR	111	FIRST	GAS BLDG C	C	0.08	
419	PAINT	TRIM	B	Not Intact- FAIR	BEIGE	CR	111	FIRST	GAS BLDG C	C	0.05	
420	PAINT	TRIM	B	Not Intact- FAIR	BEIGE	CR	111	FIRST	GAS BLDG C	C	0.06	
421	PAINT	FLOOR	D	INTACT	WHITE	CR	111	FIRST	GAS BLDG C	C	0.09	
422	PAINT	SINK	A	INTACT	WHITE	BATHROOM	111A	FIRST	GAS BLDG C	C	0.01	
423	PAINT	D	D	Not Intact- FAIR	BLUE	CR	113C	FIRST	GAS BLDG C	C	0	
424	PAINT	DC	D	Not Intact-POOR	BLUE	CR	113C	FIRST	GAS BLDG C	C	0	
425	PAINT	DC	D	Not Intact-POOR	GREEN	CR	113C	FIRST	GAS BLDG C	C	0.4	
426	PAINT	BASEBOARD	D	Not Intact-POOR	BLACK	CR	113C	FIRST	GAS BLDG C	C	0.18	
427	PAINT	W	D	Not Intact- FAIR	GREEN	CR	113C	FIRST	GAS BLDG C	C	0.02	
428	PAINT	W	C	Not Intact- FAIR	GREEN	CR	113C	FIRST	GAS BLDG C	C	0	
429	PAINT	W	B	Not Intact- FAIR	GREEN	CR	113C	FIRST	GAS BLDG C	C	0	
430	PAINT	WS	B	INTACT	RED	CR	113C	FIRST	GAS BLDG C	C	0.15	
431	PAINT	WS	B	Not Intact-POOR	RED	CR	113C	FIRST	GAS BLDG C	C	0	
432	PAINT	WS	A	Not Intact- FAIR	GREEN	CR	113C	FIRST	GAS BLDG C	C	0	
433	PAINT	D	A	Not Intact- FAIR	BLUE	CR	114	FIRST	GAS BLDG C	C	0.04	
434	PAINT	DC	A	INTACT	BLUE	CR	114	FIRST	GAS BLDG C	C	0.16	
435	PAINT	DC	D	INTACT	GREY	CR	114	FIRST	GAS BLDG C	C	0.06	
436	PAINT	W	D	INTACT	BEIGE	CR	114	FIRST	GAS BLDG C	C	0.01	
437	PAINT	W	C	INTACT	BEIGE	CR	114	FIRST	GAS BLDG C	C	0	
438	PAINT	W	A	Not Intact- FAIR	BEIGE	CR	114	FIRST	GAS BLDG C	C	0	
439	PAINT	D	D	Not Intact-POOR	BLUE	CR	114B	FIRST	GAS BLDG C	C	0.03	
440	PAINT	DC	D	Not Intact-POOR	BLUE	CR	114B	FIRST	GAS BLDG C	C	0.09	
441	PAINT	WF	A	Not Intact- FAIR	GREY	CR	114B	FIRST	GAS BLDG C	C	0.05	
442	PAINT	D	B	Not Intact- FAIR	BLUE	CR	112	FIRST	GAS BLDG C	C	0.04	

A = SOUTH

B = WEST

D = EAST

C = NORTH

GLYNN ARCHER ELEMENTARY SCHOOL - 1302 WHITE STREET, KEY WEST, FL

Reading Nc Type	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	ROOM NUMBER	FLOOR	SITE/ADDRESS	INSPECTC Results	PbC
443	PAINT	DC	WOOD	Not Intact- FAIR	BLUE	CR	112	FIRST	GAS BLDG C	C	0.11
444	PAINT	BASEBOARD	WOOD	Not Intact- FAIR	BLACK	CR	112	FIRST	GAS BLDG C	C	0.2
445	PAINT	TRIM	WOOD	Not Intact- FAIR	BEIGE	CR	112	FIRST	GAS BLDG C	C	0.07
446	PAINT	TRIM	WOOD	INTACT	BEIGE	CR	112	FIRST	GAS BLDG C	C	0.01
447	PAINT	W	PLASTER	Not Intact- FAIR	BEIGE	CR	112	FIRST	GAS BLDG C	C	0.4
448	PAINT	D	WOOD	INTACT	BLUE	ST	115A	FIRST	GAS BLDG C	C	0.05
449	PAINT	DC	WOOD	Not Intact- FAIR	BLUE	ST	115A	FIRST	GAS BLDG C	C	0.17
450	PAINT	BASEBOARD	WOOD	Not Intact- FAIR	RED	ST	115A	FIRST	GAS BLDG C	C	0.01
451	PAINT	BASEBOARD	CERAMIC TILE	Not Intact- FAIR	RED	ST	115A	FIRST	GAS BLDG C	C	0.01
452	PAINT	W	PLASTER	Not Intact- FAIR	BEIGE	ST	115A	FIRST	GAS BLDG C	C	0.09
453	PAINT	CBNT FRONT	WOOD	INTACT	BLUE	ST	115A	FIRST	GAS BLDG C	C	0.03
454	PAINT	D	WOOD	Not Intact- FAIR	BLUE	ST	115C	FIRST	GAS BLDG C	C	0.19
455	PAINT	DC	WOOD	Not Intact- FAIR	BLUE	ST	115C	FIRST	GAS BLDG C	C	0.05
456	PAINT	DC	WOOD	Not Intact- FAIR	GREEN	ST	115C	FIRST	GAS BLDG C	C	0.4
457	PAINT	TRIM	WOOD	Not Intact- FAIR	GREEN	ST	115C	FIRST	GAS BLDG C	C	0.06
458	PAINT	W	PLASTER	INTACT	WHITE	ST	115C	FIRST	GAS BLDG C	C	0.13
459	PAINT	W	PLASTER	INTACT	WHITE	ST	115C	FIRST	GAS BLDG C	C	0.1
460	PAINT	BASEBOARD	CERAMIC TILE	Not Intact-POOR	WHITE	ST	115C	FIRST	GAS BLDG C	C	0.02
461	PAINT	W	CERAMIC TILE	Not Intact- FAIR	WHITE	CAF KITCH	136	FIRST	GAS BLDG C	C	0.21
462	PAINT	W	PLASTER	INTACT	BEIGE	CAF KITCH	136	FIRST	GAS BLDG C	C	0.05
463	PAINT	W	PLASTER	Not Intact-POOR	BEIGE	CAF KITCH	136	FIRST	GAS BLDG C	C	0.26
464	PAINT	BASEBOARD	WOOD	Not Intact-POOR	BEIGE	CAF KITCH	136	FIRST	GAS BLDG C	C	0.08
465	PAINT	D	WOOD	Not Intact- FAIR	BEIGE	CAF KITCH	136	FIRST	GAS BLDG C	C	0.2
466	PAINT	DC	WOOD	Not Intact-POOR	BEIGE	CAF KITCH	136	FIRST	GAS BLDG C	C	0.2
467	PAINT	DC	WOOD	Not Intact-POOR	BEIGE	CAF KITCH	136	FIRST	GAS BLDG C	C	0.23
468	PAINT	W	CERAMIC TILE	Not Intact- FAIR	GREEN	CAF KITCH	136B	FIRST	GAS BLDG C	C	0.03
469	PAINT	D	WOOD	Not Intact- FAIR	PINK	CAF KITCH	136B	FIRST	GAS BLDG C	C	0.03
470	PAINT	DC	WOOD	Not Intact-POOR	PINK	CAF KITCH	136B	FIRST	GAS BLDG C	C	0.05
471	PAINT	W	PLASTER	Not Intact- FAIR	WHITE	CAF KITCH	136B	FIRST	GAS BLDG C	C	0.1
472	PAINT	DC	WOOD	Not Intact- FAIR	WHITE	CAF KITCH	136B	FIRST	GAS BLDG C	C	0.3
473	PAINT	D	WOOD	Not Intact- FAIR	WHITE	CAF KITCH	136B	FIRST	GAS BLDG C	C	0.01
474	PAINT	BASEBOARD	WOOD	Not Intact-POOR	WHITE	CAF KITCH	136B	FIRST	GAS BLDG C	C	0
475	PAINT	DF	WOOD	Not Intact- FAIR	BLUE	CORR	CORR	FIRST	GAS BLDG C	C	0.04
476	PAINT	W	PLASTER	Not Intact- FAIR	BLUE	CORR	CORR	FIRST	GAS BLDG C	C	0.09

A = SOUTH

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GLYNN ARCHER ELEMENTARY SCHOOL - 1302 WHITE STREET, KEY WEST, FL

Reading Nc Type	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	ROOM NUMBER	FLOOR	SITE/ADDRESS	INSPECTC Results	Pbc
477	PAINT	STUCCO	C	Not intact- FAIR	YELLOW	EXTERIOR	N	FIRST	GAS BLDG C	C	0.06
478	PAINT	STUCCO	C	Not intact- FAIR	YELLOW	EXTERIOR	N	FIRST	GAS BLDG C	C	0.05
479	PAINT	STUCCO	C	Not intact-POOR	YELLOW	EXTERIOR	N	FIRST	GAS BLDG C	C	0.18
480	PAINT	METAL	C	Not intact- FAIR	YELLOW	EXTERIOR	N	FIRST	GAS BLDG C	C	-0.4
481	PAINT	CONDUIT	C	Not intact- FAIR	YELLOW	EXTERIOR	N	FIRST	GAS BLDG C	C	0
482	PAINT	BRACKET	C	Not intact-POOR	YELLOW	EXTERIOR	N	FIRST	GAS BLDG C	C	0
483	PAINT	HEADER	C	Not intact-POOR	WHITE	EXTERIOR	N	FIRST	GAS BLDG C	C	0
484	PAINT	STUCCO	C	Not intact- FAIR	YELLOW	EXTERIOR	N	FIRST	GAS BLDG C	C	0.5
485	PAINT	STUCCO	C	Not intact-POOR	YELLOW	EXTERIOR	N	FIRST	GAS BLDG C	C	0
486	PAINT	STUCCO	A	Not intact-POOR	YELLOW	EXTERIOR	N	FIRST	GAS BLDG C	C	0.01
487	PAINT	STUCCO	A	Not intact-POOR	YELLOW	EXTERIOR	N	FIRST	GAS BLDG C	C	0
488	PAINT	WOOD	A	Not intact- FAIR	GREEN	EXTERIOR	N	FIRST	GAS BLDG C	C	0
489	PAINT	DC	A	Not intact-POOR	GREEN	EXTERIOR	N	FIRST	GAS BLDG C	C	0.16
490	PAINT	DC	C	Not intact-POOR	GREEN	EXTERIOR	N	FIRST	GAS BLDG B	B	0.16
491	PAINT	WOOD	C	Not intact- FAIR	GREEN	EXTERIOR	N	FIRST	GAS BLDG B	B	0
492	PAINT	STUCCO	C	Not intact- FAIR	BEIGE	EXTERIOR	N	FIRST	GAS BLDG B	B	1.5
493	PAINT	STUCCO	C	Not intact- FAIR	BEIGE	EXTERIOR	N	FIRST	GAS BLDG B	B	1.2
494	PAINT	STUCCO	C	Not intact- FAIR	BEIGE	EXTERIOR	N	FIRST	GAS BLDG B	B	0.13
495	PAINT	STUCCO	C	Not intact- FAIR	BEIGE	EXTERIOR	N	FIRST	GAS BLDG B	B	1.6
496	PAINT	STUCCO	D	Not intact- FAIR	BEIGE	EXTERIOR	N	FIRST	GAS BLDG B	B	0.3
497	PAINT	STUCCO	A	Not intact- FAIR	BEIGE	EXTERIOR	N	FIRST	GAS BLDG B	B	0.08
498	PAINT	STUCCO	A	Not intact- FAIR	BEIGE	EXTERIOR	N	FIRST	GAS BLDG B	B	0
499	PAINT	CONCRETE	A	Not intact-POOR	BEIGE	EXTERIOR	N	FIRST	GAS BLDG B	B	0.02
500	PAINT	STUCCO	A	Not intact- FAIR	BEIGE	EXTERIOR	N	FIRST	GAS BLDG B	B	0.06
501	PAINT	STUCCO	A	Not intact- FAIR	BEIGE	EXTERIOR	N	FIRST	GAS BLDG B	B	0.19
502	PAINT	STUCCO	A	Not intact-POOR	WHITE	EXTERIOR	N	FIRST	GAS BLDG B	B	0.08
503	PAINT	STUCCO	A	Not intact- FAIR	WHITE	EXTERIOR	N	FIRST	GAS BLDG B	B	0.16
504	PAINT	WOOD	B	Not intact-POOR	GREEN	EXTERIOR	N	FIRST	GAS BLDG AUD	AUD	4.4
505	PAINT	WOOD	B	Not intact-POOR	GREEN	EXTERIOR	N	FIRST	GAS BLDG AUD	AUD	5.8
506	PAINT	CONCRETE	B	Not intact- FAIR	WHITE	EXTERIOR	N	FIRST	GAS BLDG AUD	AUD	0.4
507	PAINT	TRIM	B	Not intact- FAIR	WHITE	EXTERIOR	N	FIRST	GAS BLDG AUD	AUD	0.3
508	PAINT	CONCRETE	B	Not intact- FAIR	WHITE	EXTERIOR	N	FIRST	GAS BLDG AUD	AUD	0.24
509	PAINT	STUCCO	B	Not intact- FAIR	BEIGE	EXTERIOR	N	FIRST	GAS BLDG AUD	AUD	0.01
510	PAINT	STUCCO	B	Not intact- FAIR	BEIGE	EXTERIOR	N	FIRST	GAS BLDG AUD	AUD	1

A = SOUTH

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C = NORTH

D = EAST

GLYNN ARCHER ELEMENTARY SCHOOL - 1302 WHITE STREET, KEY WEST, FL

Reading Nc Type	Component	Substrate	Side	Condition	Color	Room Type	Room Number	Floor	Site/Address	Inspect	Results	PbC
511	PAINT	STUCCO	B	Not Intact- FAIR	BEIGE	EXTERIOR	N	FIRST	GAS BLDG AUD	AUD	Negative	0.4
512	PAINT	WOOD	C	Not Intact-POOR	BEIGE	EXTERIOR	ST	FIRST	GAS BLDG AUD	AUD	Positive	1.1
513	PAINT	STUCCO	C	Not Intact- FAIR	BEIGE	EXTERIOR	ST	FIRST	GAS BLDG AUD	AUD	Negative	0.08
514	PAINT	STUCCO	C	Not Intact- FAIR	BEIGE	EXTERIOR	ST	FIRST	GAS BLDG AUD	AUD	Negative	0.09
515	PAINT	STUCCO	C	Not Intact- FAIR	BEIGE	EXTERIOR	ST	FIRST	GAS BLDG AUD	AUD	Negative	0.08
516	PAINT	STUCCO	C	Not Intact- FAIR	BEIGE	EXTERIOR	ST	FIRST	GAS BLDG AUD	AUD	Negative	0.01
517	PAINT	STUCCO	C	Not Intact- FAIR	BEIGE	EXTERIOR	ST	FIRST	GAS BLDG AUD	AUD	Negative	0.5
518	PAINT	COLUMN	D	Not Intact- FAIR	WHITE	EXTERIOR	ST	FIRST	GAS BLDG AUD	AUD	Negative	0.1
519	PAINT	COLUMN	D	Not Intact- FAIR	WHITE	EXTERIOR	ST	FIRST	GAS BLDG AUD	AUD	Negative	0.16
520	PAINT	FLOOR	D	Not Intact- FAIR	GREY	EXTERIOR	ST	FIRST	GAS BLDG AUD	AUD	Negative	0.02
521	PAINT	WOOD	D	Not Intact-POOR	GREEN	EXTERIOR	ST	FIRST	GAS BLDG AUD	AUD	Negative	0.29
522	PAINT	WOOD	D	Not Intact-POOR	GREEN	EXTERIOR	ST	FIRST	GAS BLDG AUD	AUD	Positive	1.8
523	PAINT	WOOD	C	Not Intact-POOR	GREEN	EXTERIOR	ST	FIRST	GAS BLDG A	A	Positive	8.4
524	PAINT	WOOD	C	Not Intact-POOR	GREEN	EXTERIOR	ST	FIRST	GAS BLDG A	A	Positive	8.2
525	PAINT	WOOD	C	Not Intact- FAIR	BLUE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Positive	8.7
526	PAINT	WOOD	C	Not Intact- FAIR	BLUE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Positive	5.4
527	PAINT	STUCCO	C	Not Intact- FAIR	BEIGE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Negative	0.15
528	PAINT	STUCCO	C	Not Intact- FAIR	BEIGE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Negative	0.05
529	PAINT	COLUMN	C	Not Intact- FAIR	WHITE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Negative	0.23
530	PAINT	WOOD	CB	Not Intact-POOR	GREEN	EXTERIOR	ST	FIRST	GAS BLDG A	A	Positive	6.7
531	PAINT	WOOD	CB	Not Intact-POOR	BLUE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Positive	6.9
532	PAINT	METAL	B	Not Intact-POOR	BEIGE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Positive	1.4
533	PAINT	METAL	B	Not Intact-POOR	BEIGE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Positive	1.4
534	PAINT	WOOD	B	INTACT	GREEN	EXTERIOR	ST	SECOND	GAS BLDG A	A	Negative	0.13
535	PAINT	WOOD	B	Not Intact- FAIR	GREEN	EXTERIOR	ST	SECOND	GAS BLDG A	A	Negative	0
536	PAINT	STUCCO	B	Not Intact- FAIR	BEIGE	EXTERIOR	ST	SECOND	GAS BLDG A	A	Negative	0.01
537	PAINT	STUCCO	B	Not Intact- FAIR	BEIGE	EXTERIOR	ST	SECOND	GAS BLDG A	A	Negative	0.09
538	PAINT	STUCCO	B	Not Intact- FAIR	WHITE	EXTERIOR	ST	SECOND	GAS BLDG A	A	Negative	0.5
539	PAINT	STUCCO	A	Not Intact- FAIR	BEIGE	EXTERIOR	ST	SECOND	GAS BLDG A	A	Negative	0.6
540	PAINT	STUCCO	A	Not Intact- FAIR	BEIGE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Negative	0.07
541	PAINT	STUCCO	A	Not Intact- FAIR	WHITE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Negative	0.15
542	PAINT	COLUMN	A	Not Intact- FAIR	WHITE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Negative	0.9
543	PAINT	W FRAME	A	Not Intact-POOR	GREEN	EXTERIOR	ST	FIRST	GAS BLDG A	A	Negative	0.22
544	PAINT	WOOD	A	Not Intact-POOR	GREEN	EXTERIOR	ST	FIRST	GAS BLDG A	A	Negative	0.13
			A	Not Intact-POOR	GREEN	EXTERIOR	ST	FIRST	GAS BLDG A	A	Negative	0.3

D = EAST

C = NORTH

B = WEST

A = SOUTH

GLYNN ARCHER ELEMENTARY SCHOOL - 1302 WHITE STREET, KEY WEST, FL

Reading Nc Type	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	ROOM NUMBER	FLOOR	SITE/ADDRESS	INSPECTC Results	PbC	
545	PAINT	WOOD	A	Not Intact- FAIR	GREEN	EXTERIOR	ST	FIRST	GAS BLDG A	A	Negative	0.04
546	PAINT	WOOD	A	Not Intact- FAIR	GREEN	EXTERIOR	ST	FIRST	GAS BLDG A	A	Negative	0
547	PAINT	WOOD	A	Not Intact-POOR	WHITE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Negative	0.02
548	PAINT	WOOD	A	Not Intact- FAIR	WHITE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Positive	1.8
549	PAINT	WOOD	A	Not Intact-POOR	WHITE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Negative	0.5
550	PAINT	METAL	A	Not Intact-POOR	ORANGE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Positive	2.7
551	PAINT	CONCRETE	D	Not Intact-POOR	BEIGE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Negative	0.08
552	PAINT	METAL	D	Not Intact-POOR	BEIGE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Positive	1.7
553	PAINT	METAL	D	Not Intact-POOR	BEIGE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Positive	5.1
554	PAINT	WOOD	N	CALIBRATE INTACT	ORANGE	EXTERIOR	ST	FIRST	GAS BLDG C	C	Positive	1

A = SOUTH

B = WEST

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D = EAST

APPENDIX C

FIGURES

APPENDIX D
PHOTOGRAPHS



Photograph #1: Wall paint identified with LBP (XRF #15).



Photograph #2: Wall paint identified with LBP (XRF #25).



Photograph #3: Wall paint identified with LBP (XRF #28).



Photograph #4: Wall paint identified with LBP (XRF #43).



Photograph #5: Wall paint identified with LBP (XRF #39).



Photograph #6: Wall paint identified with LBP (XRF #113).



Photograph #7: Ceramic tile identified with lead during this inspection (XRF#212).



Photograph #8: Auditorium walls and columns identified with LBP during this inspection.



Photograph #9: Door and door casing identified with LBP during this inspection (XRF #182-183).



Photograph #10: Typical wood door identified with LBP during this inspection (XRF #196, 219, 220).



Photograph #11: LBP identified on wood trim during this inspection (XRF #256-257).



Photograph #12: Lead identified on ceramic baseboard (XRF # 272).



Photograph #13: LBP identified on wall during this inspection (XRF #287-288).



Photograph #14: Lead identified on beige ceramic tile (XRF #360).



Photograph #15: LBP identified on classroom wall (XRF #368).



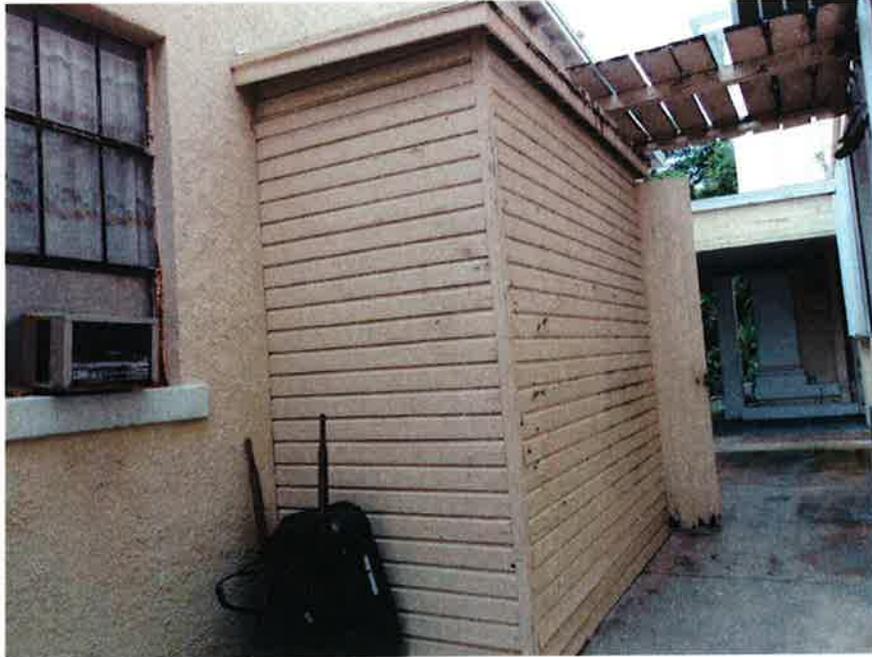
Photograph #16: Lead identified on metal sink.



Photograph #17: LBP identified on exterior stucco



Photograph #18: LBP identified on exterior stucco



Photograph #19: LBP in poor condition identified on exterior wood shed attached to the Auditorium building (XRF #512)



Photograph #20: LBP in poor condition identified on exterior wood shed attached to the Auditorium building (XRF #512)



Photograph #21: Exterior door paint identified with LBP during this (XRF #504)



Photograph #22: Typical exterior stairwell identified with LBP during this inspection.



Photograph #23: Front entrance to Glynn R. Archer elementary school.



Photograph #24: Exterior wood beam paint identified with LBP during this inspection (XRF #548).



Photograph #25: Exterior metal tiger statue paint identified with LBP during this (XRF #548).

APPENDIX E
CERTIFICATES

United States Environmental Protection Agency

This is to certify that



EE&G Environmental Services, LLC

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226

In the Jurisdiction of:

Florida

This certification is valid from the date of issuance and expires September 8, 2013

FL-10142-3

Certification #

SEP 2 2 2010

Issued On

A handwritten signature in blue ink, appearing to read "Jeanne M. Gettle".

Jeanne M. Gettle, Chief

Pesticides and Toxic Substances Branch



United States Environmental Protection Agency

This is to certify that

Hiram Andres Aguiar

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226 as a:

Risk Assessor

In the Jurisdiction of:

Florida

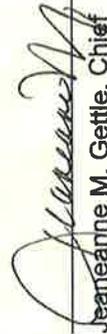
This certification is valid from the date of issuance and expires August 1, 2014

FL-R-9781-1

Certification #

JUL 2 6 2011

Issued On


Jeanearne M. Gettle, Chief

Pesticides and Toxic Substances Branch



United States Environmental Protection Agency

This is to certify that

Daniel Joseph Cottrell

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226 as a:

Risk Assessor

In the Jurisdiction of:

Florida

This certification is valid from the date of issuance and expires December 27, 2013

FL-R-10745-3

Certification #

Issued On


Jeanne M. Gettle, Chief
Pesticides and Toxic Substances Branch





Atlantic Engineering Services

RECEIVED

By Javier Torres, AIA - MCHA at 4:44 pm, Jun 21, 2013

Structural Review
Key West City Hall at Glynn Archer
1302 White Street
Key West, Florida

Prepared for
Bender & Associates Architects, P.A.
410 Angela Street
Key West, FL 33040-7402

Prepared by
Atlantic Engineering Services of Jacksonville
6501 Arlington Expressway, Building B, Suite 201
Jacksonville, FL 32211
(904) 743-4633

AES Project No. **312-295**
June 20, 2013

Pittsburgh • Jacksonville



Atlantic Engineering Services

6501 Arlington Expressway, Building B, Suite 201
Jacksonville, FL 32211
Phone: 904.743.4633 Fax: 904.725.9295
E-mail: jax@aespi.com

June 20, 2013

Mr. Bert L. Bender, RA, LEED AP
Bender & Associates Architects, P.A.
410 Angela Street
Key West, Florida 33040-7402

Re: Design Charette – Structural Condition Review
Key West City Hall at Glynn Archer
Key West, Florida

Project: #312-295
312295_00^RPT_Structural Condition Review.doc

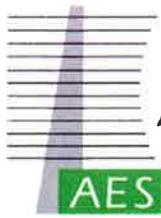
Dear Bert:

I am writing, at the request of Mr. Don Craig, to follow-up on my limited structural condition review during the design charette, to confirm the condition of the structure presented in the Property Condition Assessment, Glynn Archer School dated September 7, 2012, prepared by CH2MHill. My limited structural condition review consisted of a visual review of the structure referenced above on June 11, 2013, and continuing through June 13, 2013. The review was performed by Mark J. Keister, P.E.; Atlantic Engineering Services of Jacksonville (AES).

The Glynn Archer Elementary School located on White Street between Seminary Street and United Street in Key West, Florida is the former Key West High School and consists of two buildings. Building A, with the auditorium was constructed in 1923 and Building B, which was constructed in 1927. Both buildings are two-story structures and the auditorium in Building A is one-story. Construction consists of wood framed roof and floors supported by perimeter concrete walls and interior wood framed walls. The foundations consist of shallow foundations, which bear on the shallow rock. Supporting the wood framed roof over the auditorium are three steel trusses and a wood truss.

On June 11 and 12, 2013, AMEC Environmental & Infrastructure, Inc. (AMEC) performed four, 20 foot rock cores, adjacent to the borings performed by Nutting Engineers of Florida (Nutting), as reported in their Report of Geotechnical Exploration Concrete Core Testing and Foundation Excavations dated August 2012, to confirm the consistency and bearing capacity of the shallow rock. Rock was encountered between 1'-0" to approximately 1'-6" below the surface and was very cohesive with a few voids (see Photographs 1, 2, and 3). In the Nutting report, their rock core compression tests varied from a low of 1,717 psi to a high of 4,229 psi and Nutting recommended a foundation bearing capacity of 4,000 psf. Our experience in Miami Limestone is that it has a minimum contact bearing pressure of between 6,000 psf and 8,000 psf and depending on consistency and voids, can be significantly higher. AMEC will be performing compression tests on eight samples as part of their geotechnical investigation to determine the bearing capacity of shallow foundations bearing on and in this Miami Limestone. There final results and recommendations will be forthcoming.

During our investigation of the ground floor, crawl space and foundations, cisterns were discovered in the southeast corner of Building A (see photographs 4 and 5) and the southeast corner of Building B (see photograph 6). The cistern in Building A was not noted in the CH2MHill report. Also, in Building A, an old abandoned cistern was discovered from a previous structure on the site (see photograph 7). The ground floor timber is in excellent condition and many of the 5-1/2" x 5-1/2" timber beams noted in the CH2MHill report are actually 8"x 8" timber beams (see photograph 8). There were also many framing discrepancies noted from the CH2MHill report. As can be seen in the crawl space photographs, the ground surface is weathered rock and the concrete foundations bear on the rock or are socketed into the rock.



Atlantic Engineering Services

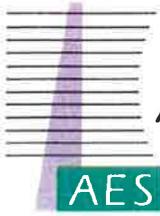
To: Mr. Bert L. Bender, RA, LEED AP
Project: 312-295
Date: June 20, 2013
Page: 2

The perimeter concrete walls consist of 11 inch concrete, which widens to 1'-6" or wider at the ground floor and widens again to 2'-0" or wider just above the ground surface and in many cases, the concrete walls widen again in the bearing rock (see photograph 9). The only place in the facility with a thinner concrete wall is the rear wall of the auditorium. The walls observed are in excellent condition with minimal cracking, no spalling and no signs of distress. The CH2MHill report documents 8 inch, concrete walls throughout the facility and recommends that they be reinforced if supporting floor loads, and that the perimeter wall foundations are undersized and need to be underpinned with piling, due to the rock bearing capacity of 4,000 psf. There are no signs of distress in the perimeter concrete walls and they have performed adequately for nearly one hundred (100) years supporting gravity and lateral loads. I see no reason that they cannot continue to support gravity and lateral loads. With their actual thickness of 11 inches, they are significantly stronger and more durable than reported in the CH2MHill report. If the recommendation of the AMEC, rock bearing capacity is in the 6,000 psf to 8,000 psf range, the existing wall foundations are adequate and will not require underpinning with deep foundations. In the CH2MHill report, augercast piles, pile caps and grade beams had a combined cost of \$398,500.00 and if the existing foundations are adequate and new foundations can bear directly on, or in the rock, augercast piles, pile caps and grade beams will not be required. If only conventional shallow foundations bearing on, or in the rock are needed, this will bring significant savings to the project.

The historic proscenium beam at the auditorium is a 5'-2" deep, wood truss and is in excellent condition (see photographs 10 and 11). This truss is not documented in the CH2MHill report. The auditorium roof consists of roof sheathing on 1- 5/8" x 7-1/2" roof joists at 2'-0" on center, which bear on four rows of two, 1- 5/8" x 11-1/2" wood beams, supported by 6'-6" deep steel trusses in which the bottom chord drops below the historic ceiling and created a coffered auditorium ceiling. The ceiling joists consist of 1-5/8" x 5-1/2" joists at 2'-0" on center, supported by four rows of two, 1-5/8" x 9-1/2" wood beams, also supported by the steel trusses. The CH2MHill report presents 1-5/8" x 5-1/2" roof joists at 2'-0" on center, supported by five rows of wood trusses, supported by 48" deep steel trusses.

At the auditorium roof interface with the second floor, there is an area with an active roof leak and deteriorated roof sheathing (see photograph 12). In this area, there are termite damaged ceiling joists. The auditorium roof beams are in excellent condition and the ceiling beams are in good condition with areas of termite damage (see photograph 13). At the proscenium beam, a diagonal from the ceiling beam to the roof beam has been cut to accommodate ductwork (see photograph 14) and no distress is apparent. It appears that these verticals and diagonals were installed for ease of construction and may not be acting as a truss. The roof and ceiling joists are fire cut into the 11 inch concrete walls and the concrete walls are in excellent condition (see Photographs 15 and 16). The steel trusses, roof and ceiling beam connections to the trusses are in excellent condition with minimal surficial rust (see photographs 17, 18 and 19). The truss bearings are placed integral with the concrete walls and are totally encapsulated in the walls (see photographs 20 and 21). There was one area of corrosion noted in one of the trusses, but this corrosion is surficial and can easily be cleaned and coated (see photograph 22).

The historic stage was a thrust stage with angled end rafters for foot lights (see photograph 23) and the historic stage has been enlarged to its present size. The CH2MHill framing in this area does not correctly depict the actual framing in this area. The stage framing is in excellent condition. The main auditorium floor framing at the stage could not be reviewed due to low crawl room. Its framing and condition could not be confirmed.



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At the connecting breezeways, between Buildings A and B, there is significant wood rot and termite damage with active termites (see photographs 24 and 25). The breezeway wood roof framing is supported by concrete columns that are in excellent condition. The CH2MHill report documents these columns as wood columns.

The roofing for both buildings is in poor condition with active leaks. The concrete parapets and cornices are in good condition with no signs of distress other than random cracking in the cornice cement wash (see photographs 26 and 27).

The concrete walls and foundations at Glynn Archer Elementary School are in excellent condition with little cracking and no observed spalling. The minimum concrete wall thickness is 11 inches throughout except at the rear of the auditorium, where it is 8 inches thick. The walls have performed adequately for nearly one hundred (100) years supporting gravity and lateral loads and I see no reason, that they cannot continue to support gravity and lateral loads. With their actual thickness of 11 inches, they are significantly stronger and more durable than reported in the CH2MHill report. The existing foundations bear on and in the rock and I am anticipating that the forthcoming AMEC foundation recommendations will recommend a higher rock bearing capacity than recommended in the Nutting report, allowing the existing foundations to be used without being underpinned and new foundations not requiring piles, which will bring significant savings to the project. The auditorium roof and floor structure is in excellent condition except for isolated areas of active roof leaks with deteriorated roof sheathing and termite damage. There are discrepancies in the roof and floor framing as presented in the CH2MHill report and the observed discrepancies are noted above. The discrepancies are not minor and if portions of the existing framing are to be reused, the framing in those areas should be surveyed and verified. The breezeway roof framing between Buildings A and B are in poor condition with significant wood rot and termite damage, along with active termites.

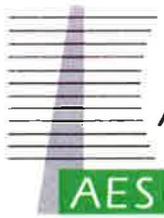
It has been a pleasure serving you as a consulting structural engineer. Please contact our office if there are any questions regarding this correspondence, or if you need any additional information or assistance.

Very truly yours,
ATLANTIC ENGINEERING SERVICES OF JACKSONVILLE
FLORIDA CERTIFICATE OF AUTHORIZATION #791

Mark J. Keister, P.E.
Principal

MJK/drg





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PHOTOGRAPH 1



PHOTOGRAPH 2



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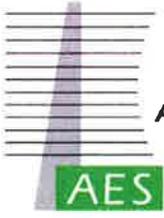
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PHOTOGRAPH 3



PHOTOGRAPH 4



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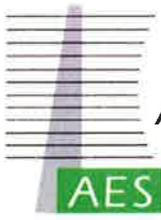
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PHOTOGRAPH 5



PHOTOGRAPH 6



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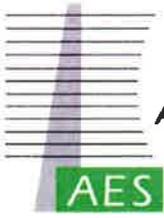
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PHOTOGRAPH 7



PHOTOGRAPH 8



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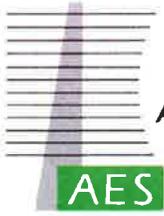
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PHOTOGRAPH 9



PHOTOGRAPH 10



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PHOTOGRAPH 11



PHOTOGRAPH 12



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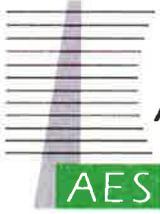
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PHOTOGRAPH 13



PHOTOGRAPH 14



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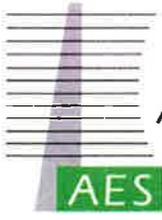
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PHOTOGRAPH 15



PHOTOGRAPH 16



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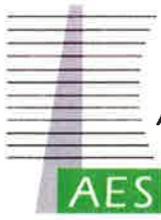
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PHOTOGRAPH 18

PHOTOGRAPH 17





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PHOTOGRAPH 19

PHOTOGRAPH 20





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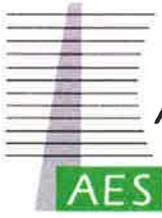
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PHOTOGRAPH 21



PHOTOGRAPH 22



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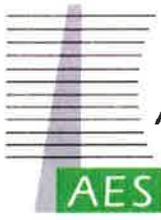
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PHOTOGRAPH 23



PHOTOGRAPH 24



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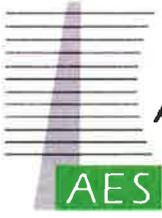
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PHOTOGRAPH 25



PHOTOGRAPH 26



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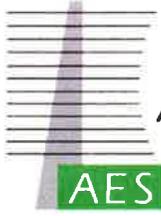
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PHOTOGRAPH 27

APPENDIX A

**EXISTING STRUCTURAL CONDITIONS
EVALUATION CRITERIA**



Atlantic Engineering Services

6501 Arlington Expressway, Building B, Suite 201
Jacksonville, FL 32211
Phone: 904.743.4633 Fax: 904.725.9295
E-mail: jax@aespj.com

**EXISTING STRUCTURAL CONDITIONS
EVALUATION CRITERIA**

EXCELLENT

Meets or exceeds current structural code requirements.

Capable of safely carrying proposed occupancies.
No significant vibrations, cracking or deflections.
No structural reinforcement or repairs required.
Very minor, if any, maintenance required.

GOOD

Meets current structural code requirements.

Capable of safely carrying proposed occupancies.
Deflections, cracking, vibrations may be observable.
No structural reinforcement required.
Minor structural repairs required.
Some significant maintenance repairs required.

FAIR

Majority of structure meets structural code requirements.

Portions of structure are not capable of carrying proposed occupancies.
Deflections, cracking, vibrations, structural distress is observable.
Structural reinforcement required in limited portions of the structure.
Structural repairs required generally.
Many significant maintenance repairs required.

POOR

Majority of structure does not meet structural code requirements.

Much of the building is not capable of carrying proposed occupancies.
Deflections, cracking, vibrations, structural distress commonly observable throughout the structure.
Major reinforcement or reconstruction of the structure is required.
Major maintenance repairs are required.

EXTREMELY POOR

Collapse of structure is imminent.

Structure exhibits significant deflections, cracking, vibrations, structural distress.
Structure requires extensive reinforcement or reconstruction of impractical scope.

NOTE: Some parts of each definition may not apply



August 17, 2012

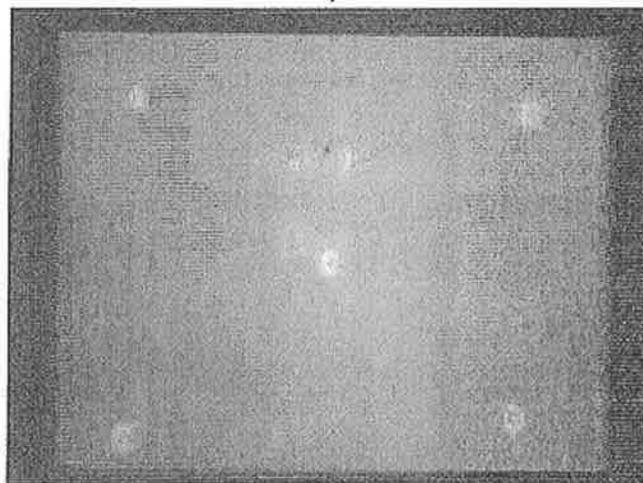
Mr. Rick Wohlfarth, P.E.
Nutting Engineers of Florida, Inc.
1310 Neptune Drive
Boynton Beach, FL 33426

**Re: Concrete Radiographic Examination &
Ground Penetrating Radar Investigation
Glynn Archer School
1300 White Street
Key West, FL**

Engineering & Inspections Unlimited, Inc. performed non-destructive testing inspections, Ir 192 radiography, Cobalt 60 radiography and Ground Penetrating Radar Scans (GPR). Inspections were performed on Wednesday, August 8, 2012 through Saturday, August 11, 2012 at the Glynn Archer School at 1300 White Street, Key West, FL. The purpose of these inspections is to locate and identify the reinforcing steel in walls and columns and established their spacing in selected areas. Areas inspected were predetermined by Andy Chan, P.E. of Yolles and conveyed to us by Rick Wolfarth, P.E. from Nutting Engineering. Mike Flattery from CH2M Hill was our site contact.

W 100 ~ Auditorium, First Floor, South Side

A 24" wide x 48" high area was scanned on the southeast side of column 100. The GPR scans showed no steel. A 14" x 17" radiograph was taken in the middle of the area at a height of 38.5" from the floor to the top of the film. No steel was found in the radiograph.



W 100 – Auditorium, First Floor, South Side

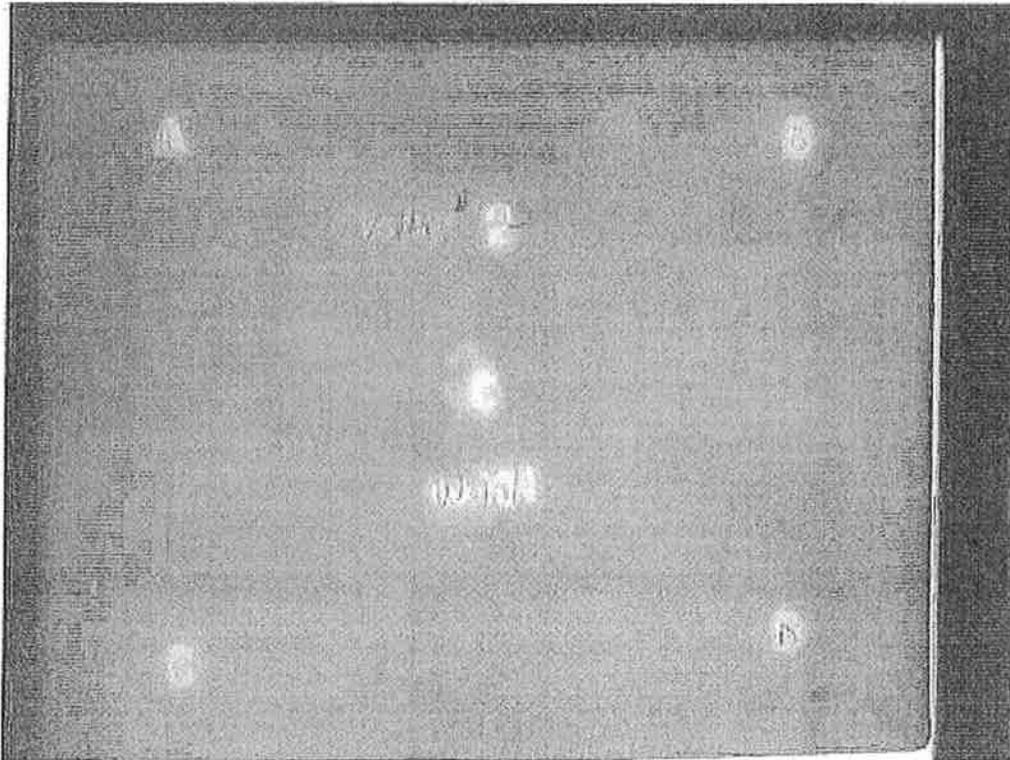
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W101 – Auditorium, First Floor, South Side

A 24" wide x 48" high area was scanned on the southwest side of column 100. The GPR scans showed no steel. A 14" x 17" radiograph was taken in the middle of the area at a height of 47" from the floor to the top of the film. No steel was found in the radiograph.



W101 – Auditorium, First Floor, South Side – X-Ray # 2

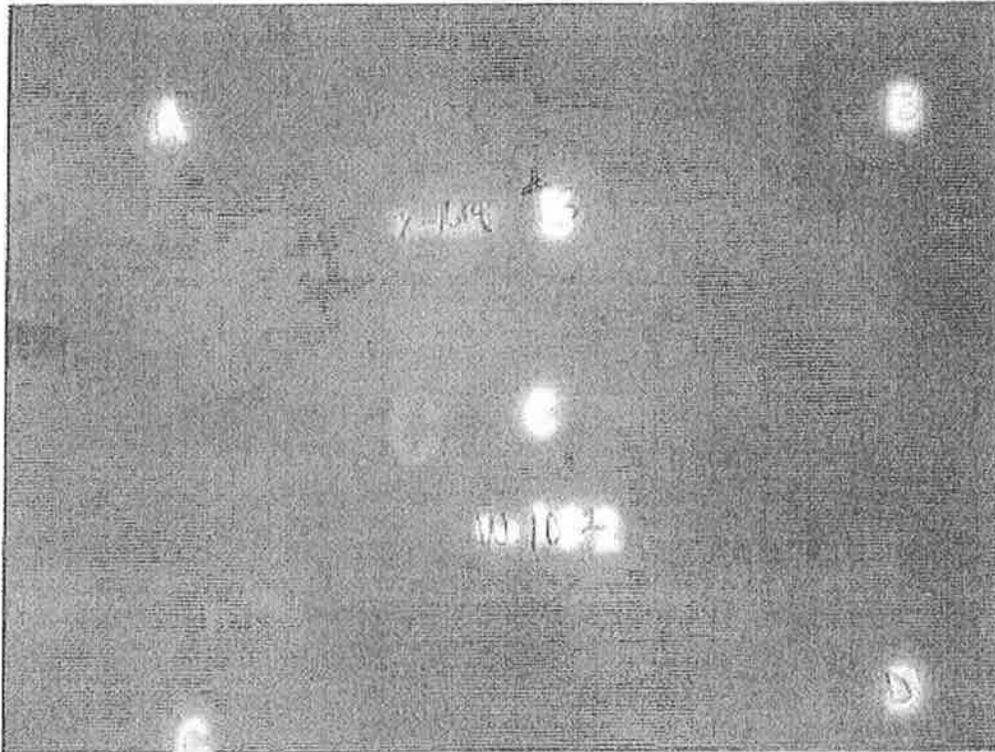
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W102 – Auditorium, First Floor, North Side

A 24" wide x 48" high area was scanned on the west side of column 101. The GPR scans showed indications both vertical and horizontal. A 14" x 17" radiograph was taken at the intersecting points of the GPR indications at a height of 32" from the floor to the top of the film. No steel was found in the radiograph.



W 102 – Auditorium – First Floor – North Side – X-Ray # 5

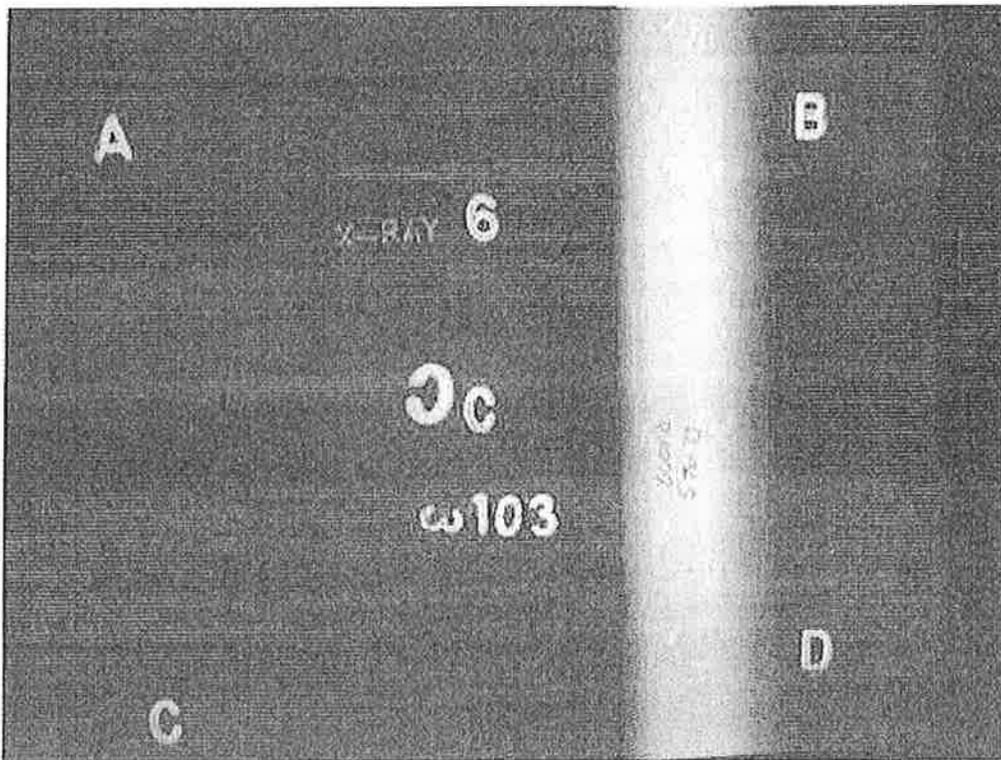
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W103 – Auditorium, First Floor, North Side

A 24" wide x 48" high area was scanned on the east side of column 101. The GPR scans showed indications both vertical and horizontal. A 14" x 17" radiograph was taken at the intersecting points of the GPR indications at a height of 44" from the floor to the top of the film. The radiograph showed the wall to be made of wood lathing and plaster. The radiograph confirmed that the GPR indications were a pattern of nail heads.



W 103 – Auditorium, First Floor – North Side – East Side Column 101 X-Ray # 6

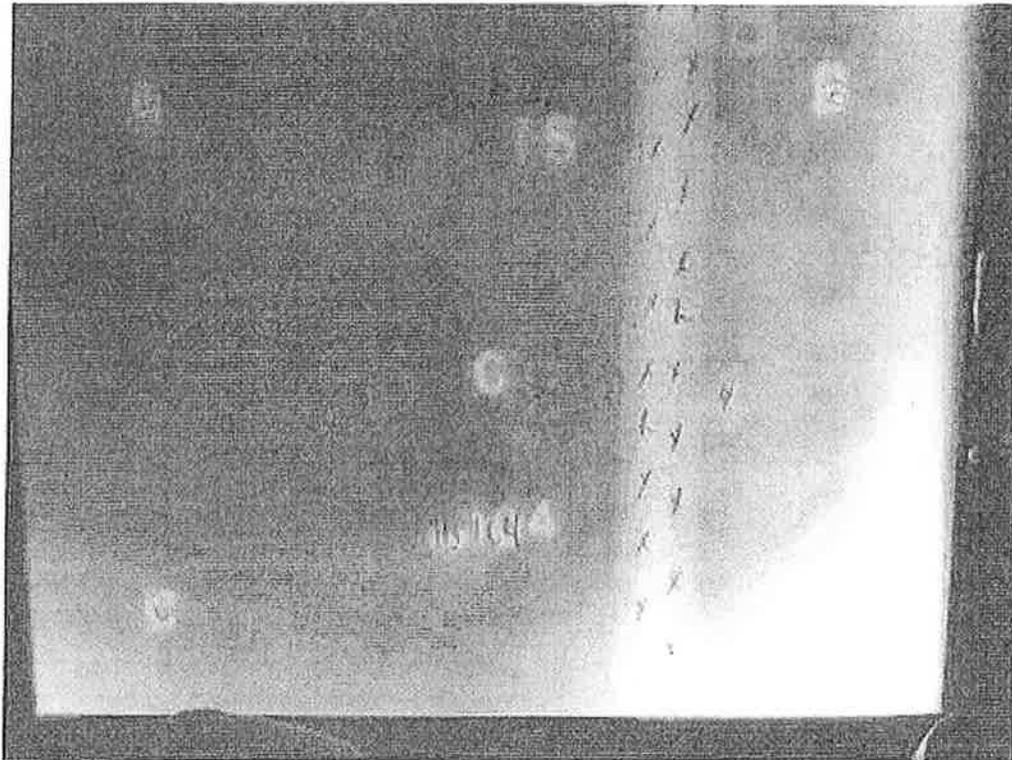
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W 104 R – A - Wing, First Floor, Northeast Corner

This area was shifted to the opposite corner due to obstructions.
A 2' high x 3' wide area was scanned southeast wall. The GPR scans showed two overlapping vertical bars at an approximate depth of 6". A 14" x 17" radiograph was taken at a height of 40" from the floor to the top of the film. The bars are deformed rebar and are estimated at 15/16" in diameter.



W 104 R – A - Wing, First Floor, Northeast Corner – X-Ray # 15

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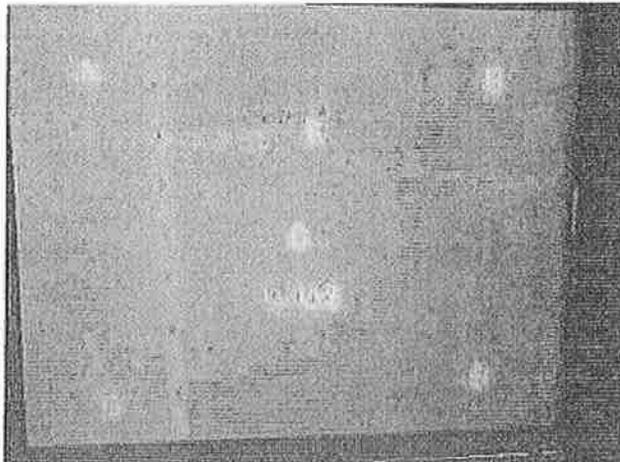
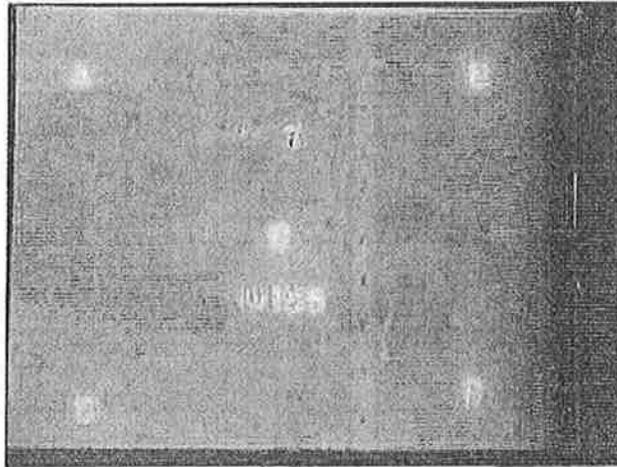
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W 105 – B - Wing, First Floor, Southeast Corner

A L-shaped area of 17" high x 4' wide x 38" high was scanned. The GPR scans showed two vertical bars spaced at 26" and one horizontal bar bisecting the bar closest to the corner. These bars were at an approximate depth of 6" to 8". A 14" x 17" radiograph was taken at the bisect. The bars are deformed rebar. The vertical bar is estimated ¼" in diameter. The horizontal bar is estimated at ½" in diameter.

A 2' wide x 4' high area was scanned. The GPR scans showed one vertical and one horizontal bar at an approximate depth of 6" to 8". A 14" x 17" radiograph was taken at the bisect. The bars are deformed rebar. The vertical bar is estimated ¼" in diameter. The horizontal bar is estimated at ½" in diameter.



W 105 – B - Wing, First Floor, Southeast Corner – X-Rays # 7 & # 8
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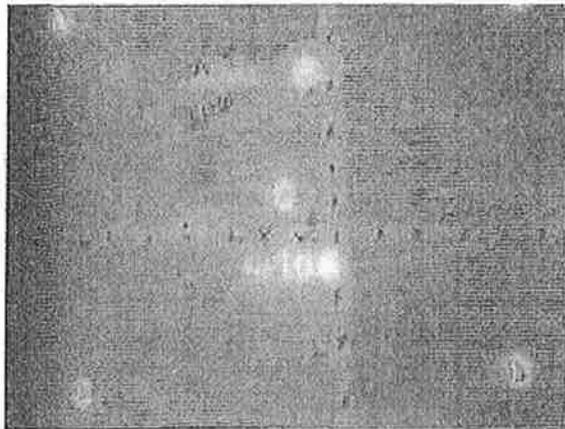
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W 106 R - B - Wing, First Floor, Southeast Corner

This area was shifted from room 104 to room 109 due to obstructions.

A area of 36" high x 30" wide was scanned on the southeast wall of the corner. The GPR scans showed one vertical and one horizontal bar. These bars were at an approximate depth of 4" to 8". A 14" x 17" radiograph was taken at the bisect. The bars are deformed rebar. The vertical bar is estimated 1/2" in diameter. The horizontal bar is estimated at 5/16" in diameter.

A 2' wide x 4' high area was scanned on the northwest wall of the corner. The GPR scans showed one vertical and one horizontal bar at an approximate depth of 8" to 9". A 14" x 17" radiograph was taken at the bisect. The bars are deformed rebar. The vertical bar is estimated at 1/2" in diameter. The horizontal bar is estimated 5/16" diameter.



W 106 R - B - Wing, First Floor, Southeast Corner -- X-Rays # 8 & # 10

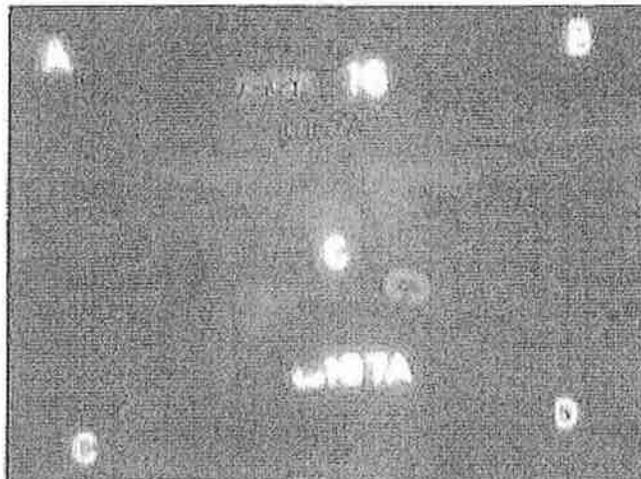
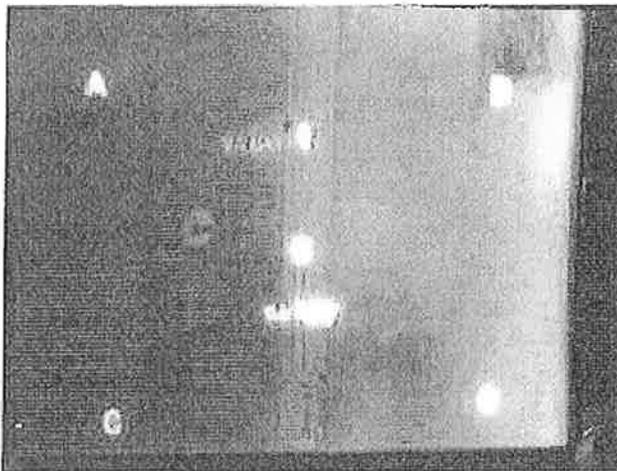
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W 107 Auditorium, First Floor, West Side, Backstage

A 5' high x 9' wide area was scanned. The GPR scans showed indications. Two 14" x 17" radiographs were taken at a height of 70" and 65" from the floor to the top of the film. The radiographs showed no steel bars, one radiograph shows exterior conduit.



107 Auditorium, First Floor, West Side, Backstage – X-Rays # 4 & # 16

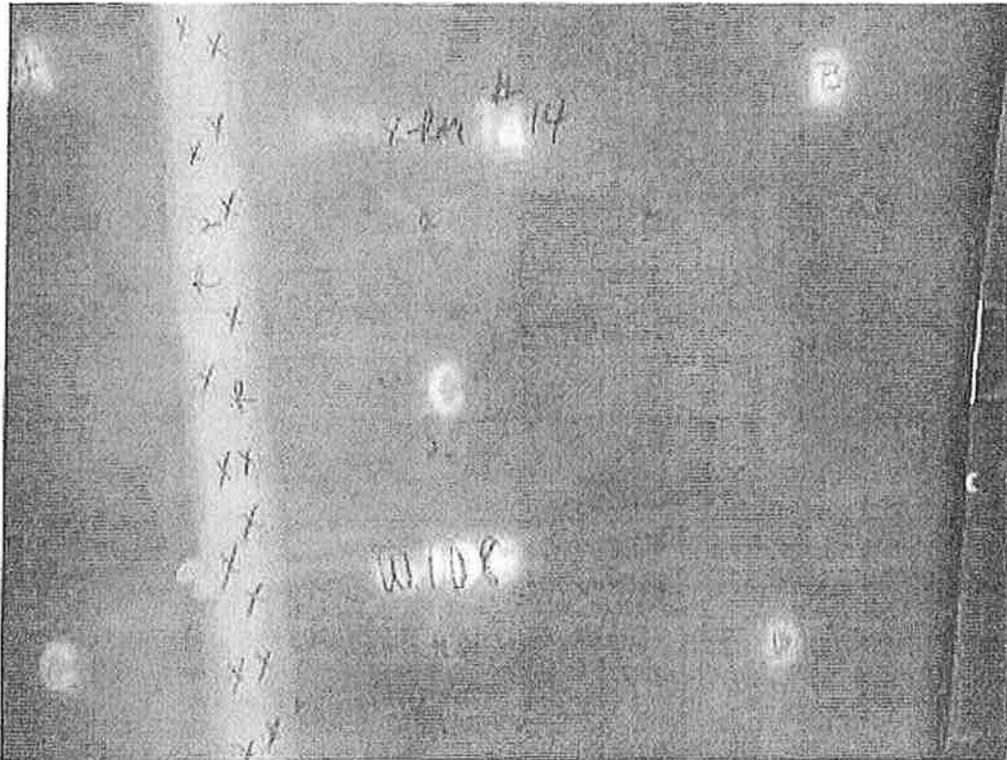
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W 108 A - Wing, First Floor, Northwest Corner

A L-shaped area 6' wide x 18" high and 4' high x 3' wide were scanned on the southwest wall. The GPR scans showed three vertical indications at an approximate depth of 6" and spacing at 7". A 14" x 17" radiograph was taken at a height of 34" from the floor to the top of the film. The radiograph shows two overlapping deformed rebar, estimated at 3/4" in diameter.



W 108 A - Wing, First Floor, Northwest Corner – X-Ray # 14

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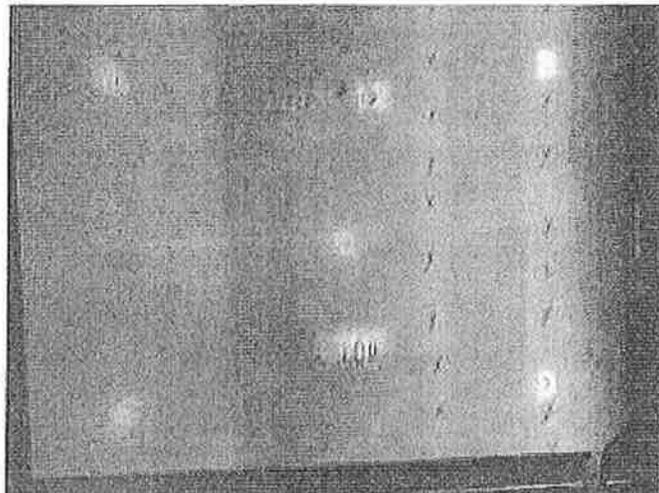
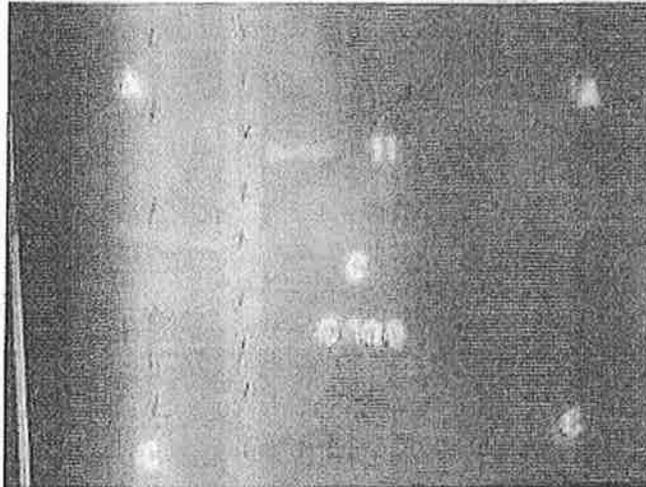
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C 100 Auditorium, First Floor, South Side

A 4' high x 2'-1" wide area was scanned. The GPR scans showed vertical and horizontal indications. Two 14" x 17" radiographs were taken across the width of the column, at a height of 66.5" from the floor to the top of the film. The radiographs show two vertical, deformed rebar, at an approximate 6" depth and approximately 5" in from each side of the column. The diameter of the rebar is estimated at 1" in diameter.

The one horizontal indication is at a depth of approximately 6" at a height of 17" from the floor.



C 100 Auditorium, First Floor, South Side – X-Rays # 11 & 12

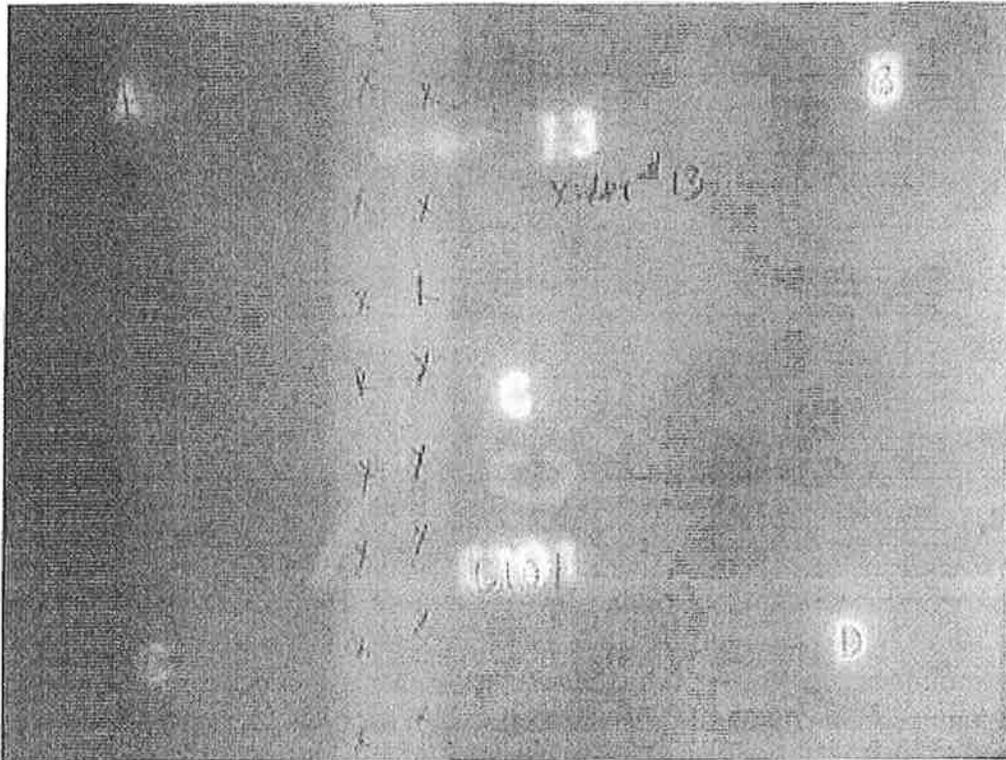
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C 101 Auditorium, First Floor, North Side

A 4' high x 2' wide area was scanned. The GPR scans showed a vertical indication. Two 14" x 17" radiographs were taken across the width of the column, at a height of 48" from the floor to the top of the film. The radiographs show two vertical, deformed rebar, at an approximate 6" depth. These rebar are side by side and approximately 5" in from the west side of the column. The diameter of the rebar is estimated at 1" in diameter.



C 101 Auditorium, First Floor, North Side – X-Ray # 13

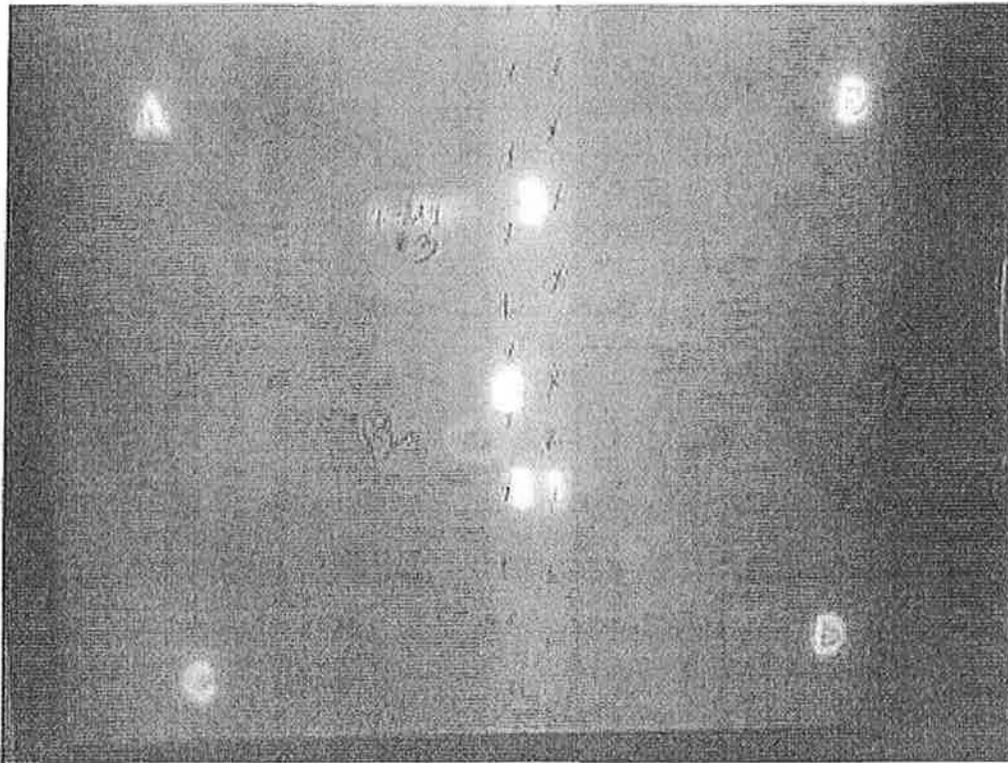
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P 1 Auditorium, First Floor, South Side, Between Windows

A 4' high x 2' wide area was scanned. The GPR scans showed two vertical indications. Two 14" x 17" radiographs were taken across the width of the column, at a height of 58" from the floor to the top of the film. The radiographs show two vertical, deformed rebar, at an approximate 3" depth. These rebar are side by side and are on center. The diameter of the rebar is estimated at 1/2" in diameter.



P 1 Auditorium, First Floor, South Side, Between Windows – X-Ray # 3

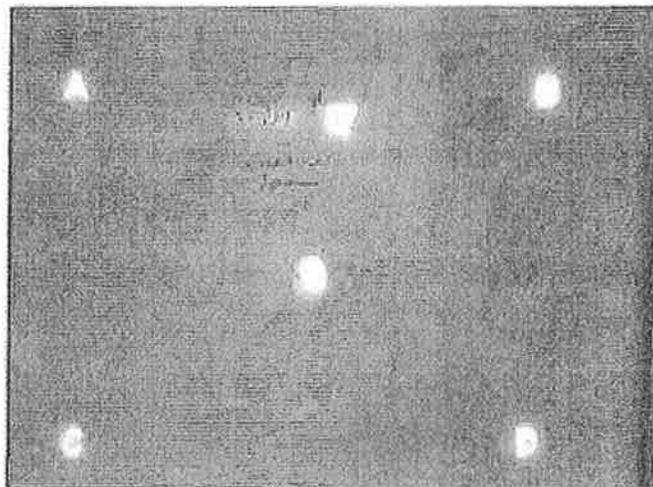
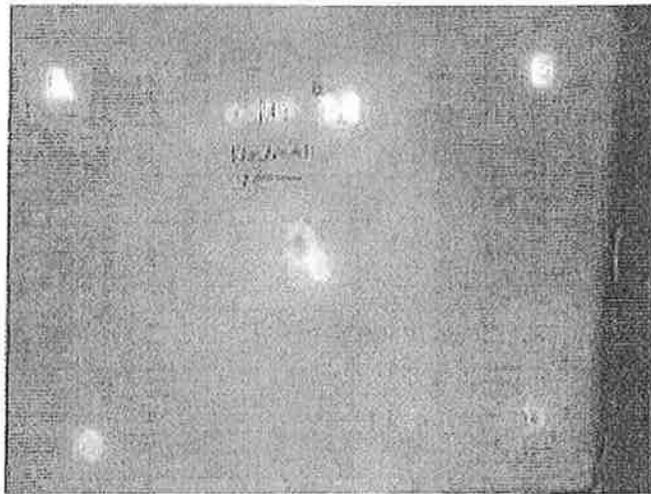
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Electrical Room, West Side of Stage, West Corner

No GPR Scans were performed in the electrical room. As directed by Andy Chan, P.E., two radiographs were taken in the west corner on either wall spaced 12" apart in height. The radiographs showed no steel.



Electrical Room, West Side of Stage, West Corner – X-Ray # 17 & 18

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W 200 – B Wing, Second Floor Southeast Corner

Scans were performed on either wall in the corner; however, without radiographic verification, and considering the amount of junk, i.e., nail heads, crimped wire and other ferrous materials that the scans picked up and radiographs verified, we cannot identify any structural steel on the second floor. Access to the second floor for radiographs was not available.

W 200 – B Wing, Second Floor Southwest Corner

Scans were performed on either wall in the corner; however, without radiographic verification, and considering the amount of junk, i.e., nail heads, crimped wire and other ferrous materials that the scans picked up and radiographs verified, we cannot identify any structural steel on the second floor. Access to the second floor for radiographs was not available.

NOMEN- CLATURE	LOCATION	NDT METHOD & AREA SIZE	X- Ray	Bar Depth	Bar Size	Note
W100	Auditorium - First Floor - South Side	GPR - (24" X 48") X-RAY - 14" X 17"	1	No Steel	N/A	
W101	Auditorium - First Floor - South Side	GPR - (24" X 48") X-RAY - 14" X 17"	2	No Steel	N/A	
W102	Auditorium - First Floor - North Side	GPR - (24" X 48") X-RAY - 14" X 17"	5	No Steel	N/A	
W103	Auditorium - First Floor - North Side	GPR - (24" X 48") X-RAY - 14" X 17"	6	No Steel	N/A	
W104 R	A Wing - First Floor - North East Corner Switched to opposite corner due to obstructions	GPR - (2' X 3') X-RAY - 14" X 17"	15	two vertical bars @ 6" depth	15/16"	slight overlap
W105	B Wing - First Floor - South East Corner	GPR - (17" x 54") GPR (48' x 24") X-RAY - 14" X 17"	7 SE 8 NW	one vertical bar @ 6" depth one horizontal bar @ 6" depth	1,4" 1/2"	corner - both sides
W106 R	B Wing - First Floor - Southeast Corner Switched from room 104 to room 109 due to obstructions	GPR - (36" x 56") GPR (36" x 30") X-RAY - 14" X 17"	9 SE 10 NW	one vertical @ 4" depth one horizontal @ 8" depth	1,2" 5/16"	corner - both sides
W107	Auditorium - First Floor - West Side	GPR - (10'-0" X 4'-0") X-RAY - 14" X 17"	4 16	No Steel	N/A	exterior conduit on film
W108	A Wing - First Floor - North West Corner There are 2 # W103's, this area renamed W108	GPR - (6' x 18") X-RAY - 14" X 17"	14	two vertical @ 6" depth	3/4"	overlapping
C100	Auditorium - First Floor - South Side	GPR (2'-1" x 4') X-RAY 14" x 17"	11 NE 12 SW	two vertical @ 6 & 7" depth two vertical @ 6" & 7" depth	1" 1"	
C101	Auditorium - First Floor - North Side	GPR (2' x 4') X-RAY - 14" X 17"	13 SW NE	two vertical @ 6 & 7" depth one vertical @ 6" & 7" depth	1"	
W200	A Wing - Second Floor - South East Corner No access for x-ray	GPR - (10'-0" X 5'-0") X-RAY - 14" X 17"		N/A		
W201	B Wing - Second Floor - South West Corner No access for x-ray	GPR - (10'-0" X 5'-0") X-RAY - 14" X 17"		N/A		
P 1	Auditorium - First Floor - South Side - between windows	GPR (2' x 4') X-RAY 14" x 17"	3	two vertical bars @ 3" depth	1/2"	
Electrical Room	Off of Stage in Auditorium	X-RAY 14" x 17"	17 18	No Steel		

August 17, 2012

Mr. Rick Wohlfarth, P.E.
Nutting Engineers of Florida, Inc.

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Engineering & Inspections Unlimited, Inc. appreciates this opportunity to provide your project with Nondestructive Testing Services. Should you have any questions or require additional information, Please contact us direct.

Regards,
Donna Frione

ENGINEERING & INSPECTIONS UNLIMITED, INC.



EE&G IAQ Services, LLC

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Miami Lakes, Florida 33014
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(305) 374-9004

September 6, 2012
EE&G Project No: 2012-2373

Mr. Andrew H. Smyth
CH₂M HILL
6410 5th St, Suite 2A
Key West, FL 33040

**Subject: Due Diligence Indoor Air Quality (IAQ)/Building Materials Assessment
Glynn Archer Elementary School Complex (City Hall Planning Project)
Buildings A, B and Auditorium: Exploratory Engineering Studies
1302 White Street
Key West, FL 33040**

Dear Mr. Smyth:

EE&G IAQ Services, LLC (EE&G) was retained by CH2M HILL (on behalf of the City of Key West) to perform a due diligence assessment at the Glynn Archer Elementary School complex Annex located at 1302 White Street, Key West, Florida (herein referred to as the subject building). This report is based on observations made by Mark Skweres of EE&G, during an assessment of the subject building on July 18, 2012 and while other engineering studies were in progress as school was closed for Summer Break.

The purpose of the assessment was to provide a general understanding of the building as it related to potential Indoor Air Quality (IAQ) issues or any water-damaged materials that may require special remediation during any eventual interior demolition phases. As such, it was not the objective of the assessment to identify each and every potential IAQ issue, but rather, to identify broader potential issues. The assessment was accomplished through the following:

- Visual inspection of the representative building materials. The assessed areas were defined as, and limited to, those areas readily accessible without the use of tools, ladders, or destructive techniques.
- Moisture content testing of building materials suspected of water impacts.
- Photographic documentation to record representative conditions.

LIMITATIONS

This report has been prepared by EE&G in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions. No other warranty, expressed or implied, is made. EE&G's interpretations and recommendations are based upon our investigative work. Other conditions elsewhere in the subject building may differ from those in the inspected/surveyed suite and such conditions are unknown, may change over time and have not been considered.

EE&G could not access all interstitial wall spaces, upper roof areas or crawl spaces due to various structural hindrances. Additionally, condemned areas existed in the structure and access was restricted at the time of the survey.

Changes or modifications to the site made after the site inspection are not covered. The parameters tested are limited by the methodologies employed for this investigation. The data obtained cannot be used to establish a health-based risk assessment or otherwise be used to establish if an area is "safe for occupancy".

EE&G will not be responsible for the interpretation or use by others of data developed pursuant to the compilation of this report. This report reflects conditions, operations, and practices as observed on the date and time of the site inspection only. The interpretations and recommendations, stated in this report, are based on previous environmental studies and research conclusions. This report should be interpreted in its entirety.

The nature of water intrusion and some mold issues are such that reservoirs of damaged material can exist behind walls or within building cavities. Since this assessment excluded destructive testing it is possible that some hidden reservoirs of mold or water damaged building material were not identified.

This report was not intended to provide documentation or specific recommendations for all conditions that could impact the buildings' IAQ, but rather a broad overview of the IAQ-related conditions observed during the inspection.

METHODS

Building Assessment

Materials were visually assessed for evidence of water-impacts, water-damage, and visible assumed mold-growth (AMG). Water impacts, water damage and AMG were defined as materials showing the following characteristics:

- Visible staining on building materials in a pattern that was suggestive of either short term or long term contact with water.
- Corrosion of materials that was indicative of contact with water.
- Visible accumulation of AMG that fit a definite pattern that was associated with water contact.

The impacted building materials as observed during the course of this inspection were categorized and defined as follows:

AMG-Impacted - Characterized by visible accumulations of AMG on building materials (either surficial or penetrated) that fit a definite pattern consistent with a direct water release, condensation, or elevated humidity.

Water Stained - Characterized by visible staining, corrosion, or discoloration in a pattern that was suggestive of short or long term direct water contact either from a water release or condensation whereby the discolored portions of the building material are surficial in nature and did not penetrate the matrix of the material below the first layer.

Water Damaged - Characterized by water staining that includes physical damage and decomposition of the building material without evidence of AMG. Water damage is associated patterns of direct water contact whereby the binders within the material break down and the material loses its physical properties to perform the function for which it was intended.

Areas included in the inspection were those readily accessible meaning that moving of heavy furnishings or destructive testing was not included. Inspection holes had been installed in various locations through Wing A and B. Figure 1 and 2 has been attached to show the approximate locations of the inspected areas.

Moisture Content Measurement

The moisture contents of the impacted building materials were measured using a Delmhorst Total Check. This instrument reports results in potentially three scales depending on the user's selection:

- Wood Scale – 5% to 60% moisture content (MC) for Douglas Fir and can be corrected for 69 individual wood species over that range.
- Drywall Scale – 0.1% to 6% MC. Readings greater than 1% indicate enough moisture present to allow for mold growth if other factors such as a high relative humidity level and food source are present.
- 0 to 100 Reference Scale – Used to compare two non-wood materials. Benchmarks need to be established for comparisons. The scale is a relative-type scale.

The percent MC on the Drywall Scale was categorized into the following classifications:

- 0.1 to 0.5% MC - The material was in a safe, dry condition. Moisture-related problems of decay and deterioration were not likely to occur.
- From 0.5% to 1.0% MC - The material was in a borderline condition. Moisture-related problems of decay and deterioration were possible under certain conditions.
- Greater than 1.0% WME - The material was in a wet condition. Moisture-related problems of decay and deterioration were likely to occur in time unless the moisture level of the material was reduced.

FINDINGS

Building Assessment

The subject Glynn Archer Elementary School (Buildings A, B and Auditorium only) were built in the late 1920's with a major southerly addition (Building C) in 1950's, this portion of the building was not part of the scope and therefore not assessed. Both A and B structures were connected by the Auditorium structure and exterior walkways. Multiple renovations and painting operations had been performed over the past 40 years to meet the changing demands of the school occupants and to respond to maintenance needs. Building finishes included painted block walls, plaster system on wood lath, limited gypsum board, suspended and glued-in-place ceiling tiles. Flooring included various layers of vinyl tile, ceramic tiles, and carpeting over a wood base floor supported by wood joists. It appeared that the plaster system on the exterior walls was applied directly to the concrete, as wood lath was not observed.

The following was the general building layout:

- **Building A: NE most portion**
 - Floor 1 – Administration offices, storage, mechanical rooms, classrooms, common halls and bathrooms.
 - Floor 2 – Various classrooms, storage, mechanical, common halls and bathrooms.
- **Building B: NW most portion**
 - Floor 1 – Teacher's lounge, storage, custodial, classrooms, common halls and bathrooms.
 - Floor 2 – Various classrooms, storage, mechanical, common halls and bathrooms.
- **Auditorium: Central portion**
 - Floor 1 – Seating areas, stage, and rear storage and mechanical rooms.

The following observations were made and pictures are available if requested:

Building A:

Floor 1

Main Office (Rooms 119)

- Two water-stained ceiling tiles were observed in main 119 central areas.
- One water-stained ceiling tile in 119E. AMG was observed on backside and was likely related to a condensation leak.

- AMG was observed on particle board divider wall, which had been partially demolished. The remaining wall was located above the suspended ceiling tile.

Room 102

- Five water-stained ceiling tiles were observed.
- East wall had water-damaged plaster system.
- AC unit was added to this room, AC not running at time of inspection

Room 103

- Two water-stained ceiling tiles were observed in corner by conduit. Water damage may have come from second floor or from exterior.
- Delaminating plaster was observed below the windows, likely associated with prior leaks.

Room 100

- One water-stained ceiling tile was observed in the NW corner, peeling paint plaster below stain.
- AMG was observed in corner of window sill <1 square foot.
- Delaminating plaster was observed below the windows, likely associated with leaks in past.

Room 102 Custodial Closet

- No water-damage observed.

Room 124 Boys Bathroom (Ceramic tile)

- Wet wall on hallway side by office showed that the interior wall may be constructed of cement board. No water damage was observed.

Room 122 Girls Bathroom (Ceramic tile)

- AMG was observed in vestibule wall common to Boys 124 bathroom. Could be a possible leak on the wet wall between the boys and girls room.

Common Halls – First Floor

- Various water stained 2x4' and 1x1' ceiling tiles were observed, sporadically.
- Minor AMG on upper ceiling on SE side.

Floor 2
Room 204

- Six water-stained ceiling tiles were observed likely associated with past roof leaks.
- Water-damaged plaster observed below windows.

Room 200

- Two water-stained ceiling tiles observed.
- Water-damaged plaster system on exterior walls around windows as well as exterior wall without the window.

Room 213

- No water-stained ceiling tiles observed.
- Peeling paint on exterior walls.

Room 202

- No water-stained ceiling tiles observed.
- Water-damaged plaster on exterior walls around windows.

Room 203

- Three water-stained ceiling tiles.
- Water-damaged plaster system around windows

Room 205

- Seven water-stained ceiling tiles.
- Water-damaged plaster system observed around windows.

Room 212

- Water-damaged plaster system on lath below windows.
- AMG (minor) on exposed wood lath.
- Area was open to Auditorium above ceilings.

Common Halls

- Drop and upper ceilings observed in good condition
- Water-damaged plaster system below windows in NW stairwell.

Building B:
Floor 1

Room 106

- Seven water-stained ceiling tiles were observed, with AMG on several, likely associated with ventilator leak from Room 207, which was located above this room.

Room 105

- Water-stained ceiling tiles associated with both ceilings.
- Water damaged plaster walls in corners of exterior walls.

Room 103 Boys Bathroom

- Three water-stained ceiling tiles.

Room 104

- Seven water-stained ceiling tiles.
- Minor peeling paint on window wall.

Room 109

- No water damage observed.

Room 121 (Lounge)

- Water-staining in cabinets below sink.
- Retro-fitted with two bathrooms.

Room 108

- Five water-stained ceiling tiles.

Common Halls – First Floor

- Water-staining was observed associated with the ceiling tiles and plaster.

Floor 2
Room 207

- AC unit leak recently, cause of water-damage observed in Room 106.
- Two water-stained ceiling tiles areas.

Room 210

- No water-stained ceiling tiles observed.
- Minor water-damaged plaster on window wall.

Room 209

- Water-stained 1x1' ceiling tiles on upper ceiling.
- Water-damaged plaster system on window walls.

Room 208

- One water-stained ceiling tile.

Room 206

- No water-damage observed.

Room 215

- Water-damaged plaster along length of window wall.

Girls' Bathroom

- AMG and moss growth was observed around the window, indicative of a damp environment.
- The wet wall showed evidence of tile repair, likely to repair a leak.

Small Boys Bathroom

- No water-damage observed.

Common Halls

- Minor water-stained ceiling tiles observed.

Auditorium
Main Seating Areas

- Five water-stained ceiling tiles near roof leak areas.
- Three water-stained ceiling tiles on wall common to "A" hall.

CONCLUSIONS AND RECOMMENDATIONS

Based on the findings and observations presented above, EE&G concludes the following:

- Evidence of water intrusion issues associated with the building envelope was observed. This came in the form of damage to the exterior walls likely associated with failed window assemblies; issues with the roof, which resulted in damage to ceiling systems; and roof transitions, which likely resulted in the damage associated with Room 212 and the auditorium.
- Additional deferred maintenance issues likely contributed to the AC leak observed in Room 207 of the B-Wing and the conditions observed in the bathroom wet walls.
- The damage plaster observed associated with the perimeter or exterior walls was likely not conducive to creating an environment where mold growth could occur as the plaster system was applied directly to the concrete.
- The observed AMG associated with the ceiling tile systems and remnant particle board divider wall observed in Room 119, did not appear to be wide-spread and indicative of a systemic condition and was more likely localized.

Based on the conclusions reported above, EE&G offers the following recommendations:

- It was reported to EE&G that a large portion of the interior was going to be demolished and new windows installed. Based on the generally localized water-damaged and AMG-impacted materials, these can be addressed during the demolition as the work areas will likely not be conditioned and opened to the exterior. Although wide-spread mold remediation may not be likely based on what was observed, EE&G recommends removing the identified mold-impacted materials under the supervision of a Florida-licensed mold remediator. Procedures should be developed for handling, carefully removing the materials, and disposal to minimize disturbance normally associated with interior demolition. Since asbestos abatement will be required anyway, EE&G suggests having these items remediated on the same mobilization, prior to release of the areas to the general demolition crews. As with the asbestos abatement items, follow-up assessments should be conducted to document that the affected materials have been removed and additional damage is not encountered beyond what was observed.
- Demolition of wet wall areas associated with the bathrooms should be conducted in an exploratory manner as AMG-impacts in these areas may be encountered. These areas could require a more rigid remediation plan, if necessary.

Mr. Smyth
September 6, 2012
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EE&G appreciates the opportunity to assist you with this project. Please call us if you have any questions.

Respectfully Submitted,



Mark A. Skweres, CIEC
Certified Mold Assessor

Very truly yours,



Richard Grupenhoff
Sr. Staff Professional
Certified Abatement Designer
EE&G

Mr. Smyth
September 6, 2012
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APPENDIX A
SITE FIGURES

ZONING SITE PLAN DATA:

ZONING DESIGNATION	RECORDED LOT	PROVIDED
H.P.S.	414, 442, 506, 517	132, 155, 5, 231, 4
LOT SIZE		
FRONT	20'	55' (1/2)
REAR	10'	30' (1/2)
STREET SIDE	20' / 15' DRIVEWAY	MIN. 20' (1/2) PER 100 SF OF AREA TO BE COVERED
BACK SIDE	5'	MIN. 5' (1/2) PER 100 SF OF AREA TO BE COVERED
MAXIMUM T.Y.R.	1.0	0.75
MAXIMUM BUILDING COVER	40% (64,800 SF)	21.34% (38,500 SF)
MAXIMUM IMPERVIOUS SURFACE	50% (81,078 SF)	47.2% (85,000 SF)

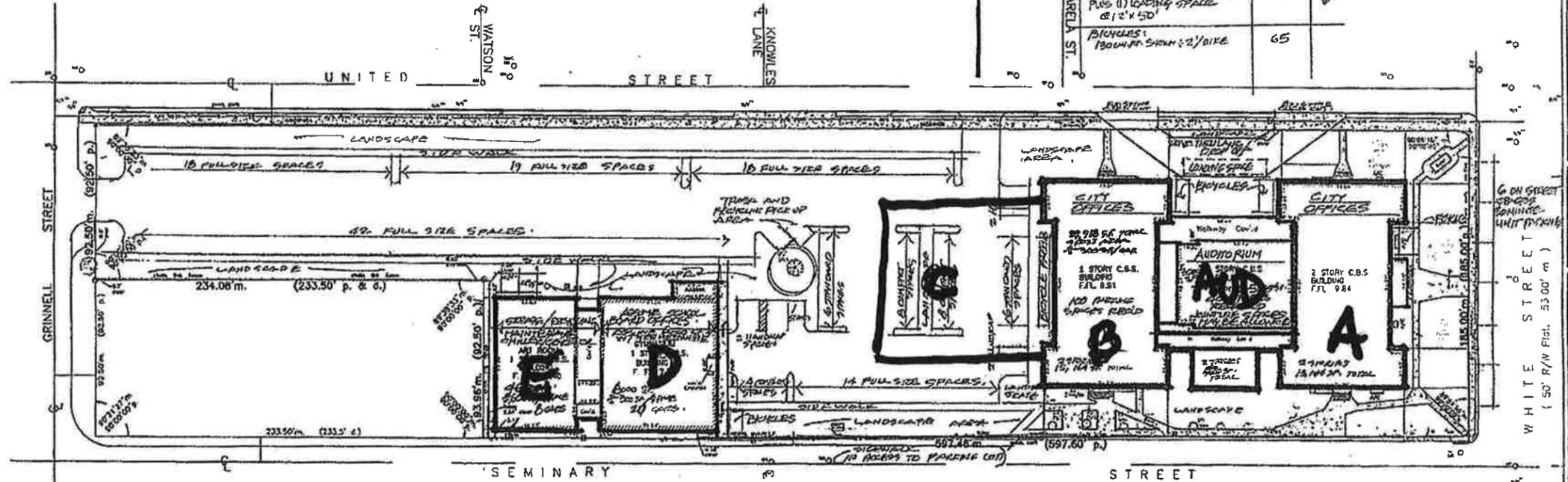
(NOTE: TRAIL LINES ARE IMPERVIOUS, GRASS ARE 20% IMPERVIOUS)

PARKING

L.P.R. REQ'D: OFFICE USES: 120 / STORAGE, MAINTENANCE USES: 8 / TOTAL 128 CARSPACES
 ADDITIONAL: 40 SPACES, HOWEVER, CODE ALLOWS JOINT USE
 TOTAL IF JOINT USE IS NOT RECOGNIZED IS 168 CARSPACES
 BICYCLES @ 15% = 64 / OR 84

PROVIDED: (NOTE: PARKING MAY BE REDUCED IN FAVOR OF ADDITIONAL LANDSCAPING)

FULL SIZE SPACES	124
COMPACT SPACES	230
ON STREET 30 MINUTE TIME LIMIT	6
HANDICAP SPACES	6
TOTAL	156
PLUS (1) LOADING SPACE @ 12' x 50'	
BICYCLES: 130 UNIT SHOW: 2 / BIKE	65



SCHEMATIC SITE PLAN 1" = 30'

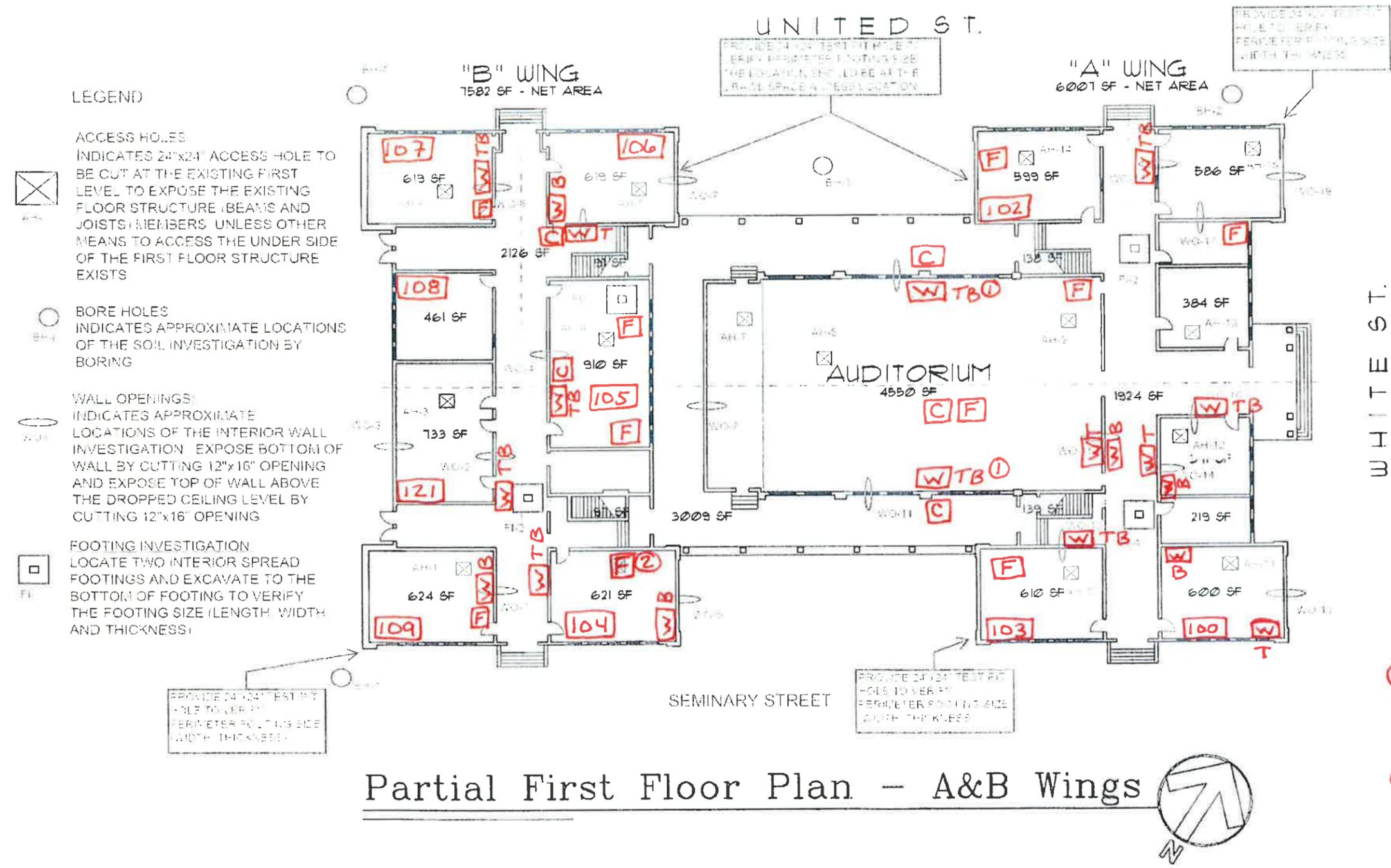
GLYNN ARCHER SCHOOL
 WHITE STREET
 KEY WEST, FLORIDA

410 Anceles Street
 Key West, Florida 33410
 Telephone: (305) 296-1311
 Facsimile: (305) 296-2727
 Florida License ZL0004922

Bender & Associates
 ARCHITECTS

DATE: 1/20/70

STRUCTURAL INVESTIGATION BUILDINGS A & B AND AUDITORIUM - FIRST FLOOR PLAN

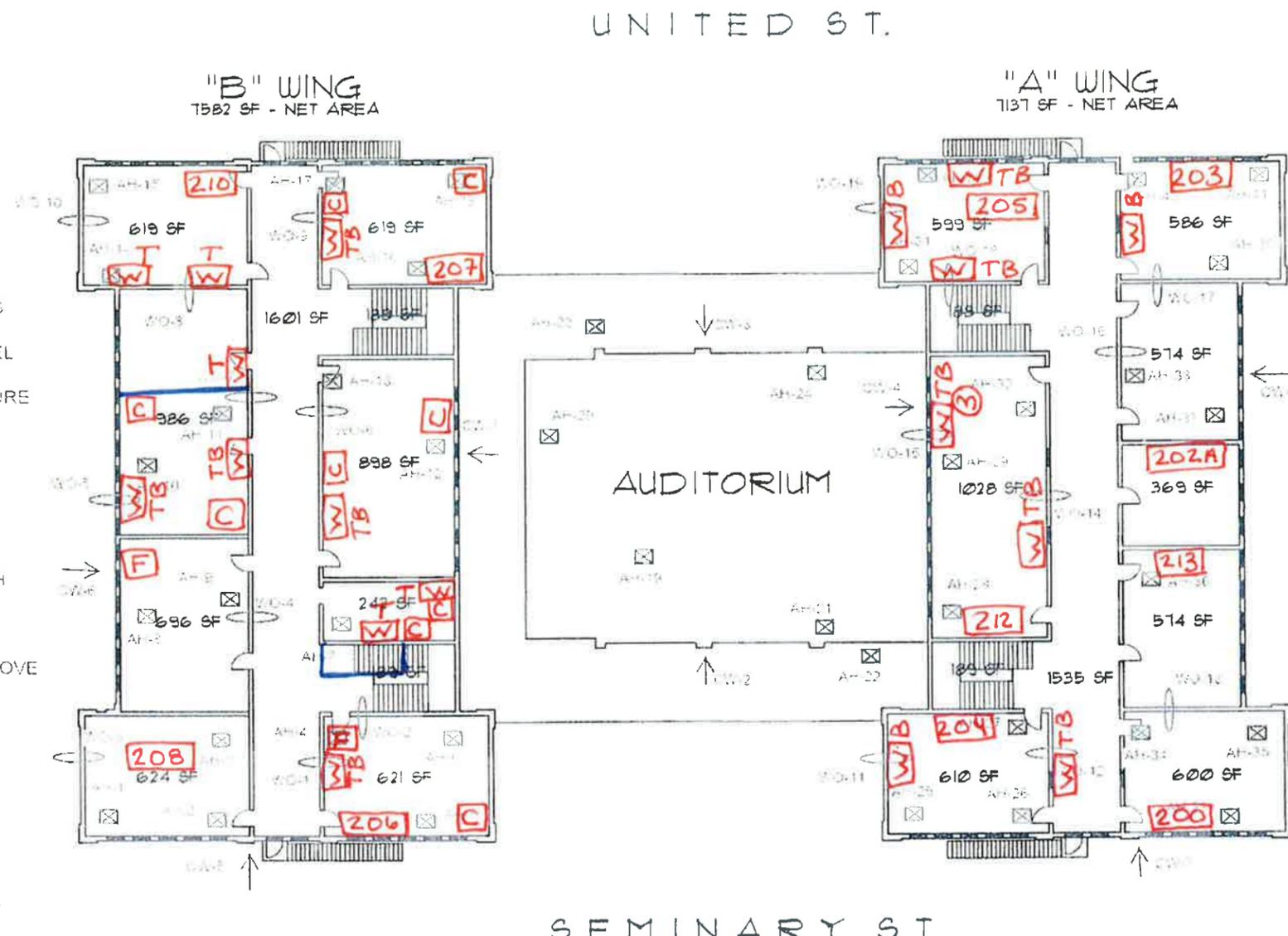


Partial First Floor Plan - A&B Wings

STRUCTURAL INVESTIGATION
 BUILDINGS A & B AND AUDITORIUM - SECOND FLOOR PLAN

LEGEND:

-  ACCESS HOLES:
INDICATES 24"x24" ACCESS HOLE TO BE CUT AT THE EXISTING CEILING OF LEVEL BELOW TO EXPOSE THE EXISTING FLOOR STRUCTURE (BEAMS AND JOISTS) MEMBERS
-  CONCRETE WALL
INDICATES APPROXIMATE LOCATION OF CONCRETE SAMPLE TO BE TAKEN FOR COMPRESSIVE STRENGTH AND DETERMINE REINFORCEMENT IN THE CONCRETE WALL. TAKE SAMPLE AT 2 TO 3 FEET ABOVE TOP OF WINDOW.
-  WALL OPENINGS
INDICATES APPROXIMATE LOCATIONS OF THE INTERIOR WALL INVESTIGATION. EXPOSE BOTTOM OF WALL BY CUTTING 12"x16" OPENING AND EXPOSE TOP OF WALL ABOVE THE DROPPED CEILING LEVEL BY CUTTING 12"x16" OPENING.



③ MAKE 24"x48" WALL OPENING AT BASE

Partial Second Floor Plan - A&B Wings



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APPENDIX B
INSPECTION PHOTOGRAPHS
JULY 18, 2012

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**AVAILABLE ON FILE
UPON REQUEST**