



MANATEE COUNTY FLORIDA

May 3, 2013

TO: All Interested Bidders
SUBJECT: Invitation for Bids #13-1195CD
Manatee County Historic Courthouse 2nd Floor Remodel and Outside Air Project

ADDENDUM #2

Bidders are hereby notified that this Addendum shall be acknowledged on page 00300-1 of the Bid Form and made a part of the above named bidding and contract documents. Bids submitted without acknowledgment of the Addendum will be considered incomplete.

The following items are issued to add to, modify, and clarify the bid and contract documents. These items shall have the same force and effect as the original bidding and contract documents, and cost involved shall be included in the bid prices. Bids to be submitted on the specified bid date, shall conform to the additions and revisions listed herein.

1. **CHANGE** Article C.03, Completion of Work, on page 00030-1 of the bid documents to read as follows:

The Work will be completed and ready for final inspection within the specified calendar days from the date the Contract time commences to run. Only one Bid shall be considered based on **260 calendar days**. Only one Award shall be made.

2. **ADD** the following paragraph to Article D.01, The Work, on page 00100-1 of the Bid Documents:

The Work shall also include asbestos abatement that is to be performed by a licensed Asbestos Contractor pursuant to the terms of Florida Statutes Chapter 469. If the General Contractor licensed pursuant to the terms of Article B.03 of these Bid Documents is not also licensed as an Asbestos Contractor pursuant to the terms of Florida Statutes 469, then they shall subcontract this portion of the work to an Asbestos Contractor who is licensed pursuant to the terms of Florida Statutes 469 and list the name of the Asbestos Contractor with their license number in question #11 of the Contractor's Questionnaire.

3. **ADD** the Limited NESHAP Asbestos Renovation Survey dated May 8, 2012 that is attached to this Addendum #2 to the Bid Documents.

Financial Management Department -Purchasing Division
1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205
PHONE: 941.749.3014 * FAX: 941.749.3034
www.mymanatee.org

4. **ADD** the Pre-Renovation Asbestos Inspection Report for Second Floor Flooring and Walls dated April 7, 2011 that is attached to this Addendum #2 to the Bid Documents.

5. **CLARIFICATION** of Article's 1.6 and 1.8, Access to Site and Work Restrictions, on pages 2 thru 4 of Section 011000 of the Contract Documents:

Every employee of the General Contractor and Sub-Contractors shall be required to go thru background screening before being allowed unsupervised access to the building. It shall be the responsibility of the Contractor to submit a Judicial Center Background Waiver (attached to this Addendum #2) for every employee or subcontractor employee to the Project Manager before that person is allowed onto the job site. All employees and subcontractor employees shall wear identifying apparel that clearly identifies the company they are working for.

After successful background screening, a limited number of access cards will be issued to the General Contractor's resident superintendent for the purpose of escorting all employees and subcontractors to and from the job site work area. **Failure to abide by security protocols will result in suspension of access cards and building access before 8:30 am.**

Contractors shall use the Contractor Staging Sketch ASI-2 that is attached to this Addendum #2 for their staging activities.

6. **ADD** the following Article 1.10, Sequence of Operations, to Section 011000 of the Contract Documents:

1.10 SEQUENCE OF OPERATIONS

In order to meet the overall objectives of the project, the work will proceed at the site in the following general sequence of activities:

1. The Contractor shall complete all fire sprinkler work in the historic courtroom and obtain the inspection and approval of the City of Bradenton and Engineer;
2. After fire sprinkler system in the historic courtroom has passed inspection, the Contractor shall move all of the pews into the historic courtroom;
3. The Contractor shall then proceed and perform the asbestos abatement;
4. After the asbestos abatement has been performed, the Contractor shall perform the remaining remodeling activities in accordance with the construction schedule that they will submit at the pre-construction meeting.

7. **DELETE** all of Section 012000 Payment Procedures that are in the Contract Documents, and **INSERT** the Section 012000 Payment Procedures Revision 4 pages 1 thru 10 that are attached to this Addendum #2.

Financial Management Department –Purchasing Division
1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205
PHONE: 941.749.3014 * FAX: 941.749.3034
www.mvmanatee.org

8. **DELETE** Bid Form pages 00300-1 thru 00300-3, and **INSERT** the REVISED bid Form pages 00300-1 thru 00300-3 that are attached to this Addendum #2.
9. **CHANGE** the Due Date and Time to **Thursday, May 23, 2013 at 3:00 PM.**

An additional Addendum will issued in the near future that will address all questions submitted prior to the deadline for clarifications.

END OF ADDENDUM #2

Bids will be received at Manatee County Purchasing, 1112 Manatee Avenue West, Bradenton, Florida 34205 until **Thursday, May 23, 2013 at 3:00 PM.**

Sincerely,



Melissa M. Wendel, CPPO
Purchasing Official

Financial Management Department –Purchasing Division
1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205
PHONE: 941.749.3014 * FAX: 941.749.3034
www.mvmanatee.org

SECTION 00300- REVISED ADDENDUM #2

BID FORM
(SUBMIT IN TRIPLICATE)

**For: IFB #13-1195CD- MANATEE COUNTY HISTORIC COURTHOUSE 2ND FLOOR
REMODEL AND OUTSIDE AIR PROJECT**

TOTAL BID PRICE (BID "A"): _____
Based on a Completion Time of 260 calendar days

Only one schedule for Completion of the Work shall be considered. Only one Award shall be made.

We, the undersigned, hereby declare that we have carefully reviewed the Bid documents, and with full knowledge and understanding of the aforementioned herewith submit this Bid, meeting each and every specification, term, and condition contained in the Invitation for Bids.

We understand that the Bid package, in its entirety, including but not limited to, all specifications, terms, and conditions in their entirety shall be made a part of any Agreement or Contract between Manatee County and the successful Bidder. Failure to comply shall result in Contract default, whereupon, the defaulting Contractor shall be required to pay for any and all re-procurement costs, damages, and attorney fees as incurred by the County.

Communications concerning this Bid shall be addressed as follows: **(Complete all fields)**

Person's Name: _____

Address: _____ Phone: _____

Date: _____ FL Contractor License# _____

License in the Name of: _____

Bidder is a WBE/MBE Vendor? _____ Certification _____

COMPANY'S NAME: _____

AUTHORIZED SIGNATURE(S): _____

Name and Title of Above Signer(s) _____

CO. MAILING ADDRESS: _____

STATE OF INCORPORATION _____ (if applicable)

TELEPHONE: (____) _____ FAX: (____) _____

Email address: _____

I, _____ on [date] _____ attest that I have visited the
project

site(s) to familiarize myself with the full Scope of Work required for the Bid.

Acknowledge Addendum No. _____ Dated: _____ Acknowledge Addendum No. _____ Dated: _____

Acknowledge Addendum No. _____ Dated: _____ Acknowledge Addendum No. _____ Dated: _____

Acknowledge Addendum No. _____ Dated: _____ Acknowledge Addendum No. _____ Dated: _____

BID FORM

(Submit in Triplicate) Section 00300

MANATEE COUNTY HISTORIC COURTHOUSE 2ND FLOOR REMODEL AND OUTSIDE AIR PROJECT

Bid "A" Based on Completion Time of 260 Calendar Days

ITEM NO.	DESCRIPTION	EST. QTY.	U/M	UNIT PRICE	EXTENDED PRICE
1	MOBILIZATION	1	LS	\$	\$
2	STRUCTURAL REPAIRS	1	LS	\$	\$
3	ASBESTOS ABATEMENT	1	LS	\$	\$
4	SELECTIVE DEMOLITION	1	LS	\$	\$
5	CONCRETE	1	LS	\$	\$
6	FRAMING & DRYWALL	1	LS	\$	\$
7	DOORS AND DOOR FRAMES	1	LS	\$	\$
8	DOOR HARDWARE	1	LS	\$	\$
9	ROOFING TIE IN / REPAIR	1	LS	\$	\$
10	ACOUSTIC CEILINGS AND GRID	1	LS	\$	\$
11	FLOORING	1	LS	\$	\$
12	CASEWORK	1	LS	\$	\$
13	PAINTING	1	LS	\$	\$
14	SIGNAGE	1	LS	\$	\$
15	BATHROOM PARTITIONS AND ACCESSORIES	1	LS	\$	\$
16	MISCELLANEOUS ITEMS	1	LS	\$	\$
17	FIRE PROTECTION SYSTEMS	1	LS	\$	\$
18	HVAC DEMOLITION	1	LS	\$	\$

Bidder Name: _____

Authorized Signature: _____

BID FORM

(Submit in Triplicate) Section 00300

MANATEE COUNTY HISTORIC COURTHOUSE 2ND FLOOR REMODEL AND OUTSIDE AIR PROJECT

Bid "A" Based on Completion Time of 260 Calendar Days

ITEM NO.	DESCRIPTION	EST. QTY.	U/M	UNIT PRICE	EXTENDED PRICE
19	NEW HVAC SYSTEMS AND COMPONENTS	1	LS	\$	\$
20	HVAC CONTROLS	1	LS	\$	\$
21	IT ROOM DX SYSTEM	1	LS	\$	\$
22	HVAC TEST AND BALANCE	1	LS	\$	\$
23	PLUMBING	1	LS	\$	\$
24	PLUMBING FIXTURES	1	LS	\$	\$
25	ELECTRICAL SWITCHGEAR, PANELS, CIRCUIT BREAKERS, TRANSFORMERS	1	LS	\$	\$
26	LIGHTING	1	LS	\$	\$
27	ELECTRICAL CONDUIT FOR FIRE PROTECTION, LIFE SAFETY, SECURITY AND DATA	1	LS	\$	\$
28	ELECTRICAL SYSTEMS AND COMPONENTS	1	LS	\$	\$
29	SECURITY SYSTEMS- QUALIFIED SYSTEMS CONTRACTING				\$50,000.00
30	FIRE ALARM SYSTEMS	1	LS	\$	\$
31	DISCRETIONARY WORK (USED ONLY WITH COUNTY APPROVAL)				\$250,000.00
TOTAL PRICE FOR BID "A" - Based on Completion Time of <u>260</u> Calendar Days					\$

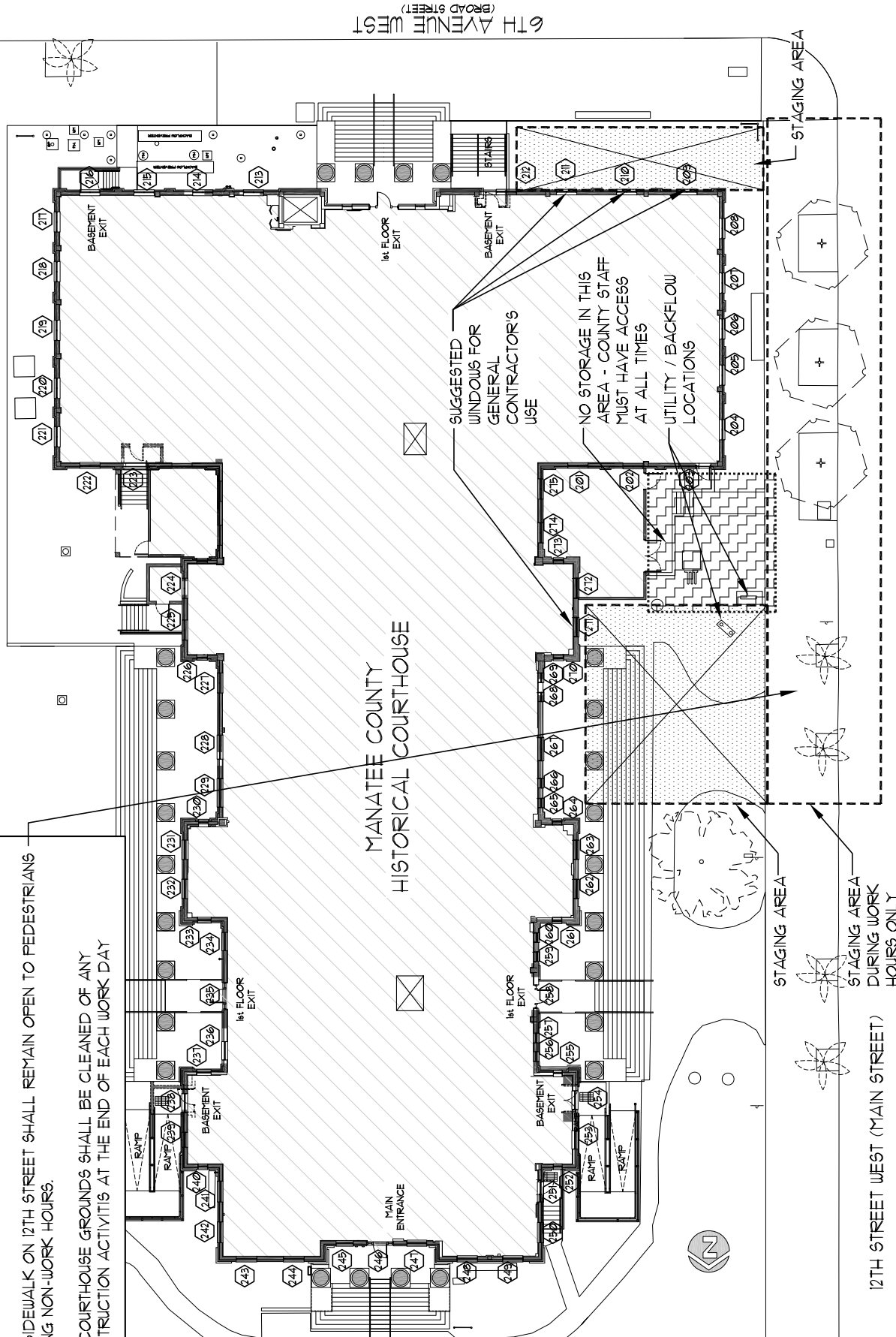
Bidder Name: _____

Authorized Signature: _____

STAGING AREAS SHALL BE FENCED WITH SIGHT BARRIER MATERIAL AND PEDESTRIANS PROTECTED FROM CONSTRUCTION ACTIVITIES AT ALL TIMES.

THE SIDEWALK ON 12TH STREET SHALL REMAIN OPEN TO PEDESTRIANS DURING NON-WORK HOURS.

ALL COURTHOUSE GROUNDS SHALL BE CLEANED OF ANY CONSTRUCTION ACTIVITIES AT THE END OF EACH WORK DAY



CONTRACTOR STAGING SKETCH

PROPOSED SECOND FLOOR INTERIOR OFFICE REMODEL FOR:
MANATEE COUNTY HISTORIC COURTHOUSE
Second Floor & Outside Air Project
 1115 MANATEE AVENUE WEST
 BRADENTON FLORIDA

JERRY N. ZOLLER
 ARCHITECT / PLANNER
 AA C000557
AIA
P.A.
 914 14th STREET W, BRADENTON, FL 34205
 TEL: (941) 748-4465
 FL. REG. 5926

JOB NO 8434-M
 DATE 4/29/2013
 DRAWN DA
 CHECKED DA

ASI-2

SECTION 012000 - PAYMENT PROCEDURES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section specifies administrative and procedural requirements necessary to prepare and process Applications for Payment.
- B. Related Sections include the following:
 - 1. Division 1 Section "Contract Modification Procedures" for administrative procedures for handling changes to the Contract.
 - 2. Division 1 Section "Construction Progress Documentation" for administrative requirements governing preparation and submittal of Contractor's Construction Schedule and Submittals Schedule.
 - 3. Refer to County Purchasing requirements for additional directives and clarification.

1.3 DEFINITIONS

- A. Schedule of Values: A statement furnished by Contractor allocating portions of the Contract Sum to various portions of the Work and used as the basis for reviewing Contractor's Applications for Payment.

1.4 SCHEDULE OF VALUES

- A. Coordination: Coordinate preparation of the Schedule of Values with preparation of Contractor's Construction Schedule.
 - 1. Correlate line items in the Schedule of Values with other required administrative forms and schedules, including the following:
 - a. Application for Payment forms with Continuation Sheets.
 - b. Submittals Schedule.
 - 2. Submit the Schedule of Values to Engineer and Project Manager at earliest possible date but no later than seven days before the date scheduled for submittal of initial Applications for Payment.
- B. Format and Content: Use the Project Manual table of contents as a guide to establish line items for the Schedule of Values. Provide at least one line item for each Specification Section.
 - 1. Identification: Include the following Project identification on the Schedule of Values:
 - a. Project name and location.

- b. Name of Engineer.
 - c. Engineer's project number.
 - d. Contractor's name and address.
 - e. Date of submittal.
2. Arrange the Schedule of Values in tabular form with separate columns to indicate the following for each item listed:
 - a. Related Specification Section or Division.
 - b. Description of the Work.
 - c. Name of subcontractor.
 - d. Name of manufacturer or fabricator.
 - e. Name of supplier.
 - f. Change Orders (numbers) that affect value.
 - g. Dollar value
 - h. Percentage of the Contract Sum to nearest one-hundredth percent, adjusted to total 100 percent.
3. Provide a breakdown of the Contract Sum in enough detail to facilitate continued evaluation of Applications for Payment and progress reports. Coordinate with the Project Manual table of contents. Provide several line items for principal subcontract amounts, where appropriate.
4. Round amounts to nearest whole dollar, total shall equal the Contract Sum.
5. Provide a separate line item in the Schedule of Values for each part of the Work where Applications for Payment may include materials or equipment purchased or fabricated and stored, but not yet installed.
6. Differentiate between items stored on-site and items stored off-site. Include evidence of insurance or bonded warehousing if required.
7. Provide separate line items in the Schedule of Values for initial cost of materials, for each subsequent stage of completion, and for total installed value of that part of the Work.
8. Each item in the Schedule of Values and Applications for Payment shall be complete. Include total cost and proportionate share of general overhead and profit for each item.
9. Temporary facilities and other major cost items that are not direct cost of actual work-in-place may be shown either as separate line items in the Schedule of Values or distributed as general overhead expense, at Contractor's option.
10. Schedule Updating: Update and resubmit the Schedule of Values before the next Applications for Payment when Change Orders or Construction Change Directives result in a change in the Contract Sum.

1.5 APPLICATIONS FOR PAYMENT

- A. Each Application for Payment shall be consistent with previous applications and payments as certified by Architect and paid for by Owner.
 1. Initial Application for Payment, Application for Payment at time of Substantial Completion, and final Application for Payment involve additional requirements.

- B. Payment Application Times: The date for each progress payment is indicated in the Agreement between Owner and Contractor. The period of construction Work covered by each Application for Payment is the period indicated in the Agreement.
- C. Payment Application Forms: Use AIA Document G702 and AIA Document G703 Continuation Sheets as form for Applications for Payment.
- D. Transmittal: Submit 3 signed and notarized original copies of each Application for Payment to Engineer and Project Manager by a method ensuring receipt within 24 hours. One copy shall include waivers of lien and similar attachments if required.
 - 1. Transmit each copy with a transmittal form listing attachments and recording appropriate information about application.
- E. Waivers of Mechanic's Lien: With each Application for Payment, submit waivers of mechanic's lien from every entity who is lawfully entitled to file a mechanic's lien arising out of the Contract and related to the Work covered by the payment.
 - 1. Submit partial waivers on each item for amount requested, before deduction for retainage, on each item.
 - 2. When an application shows completion of an item, submit final or full waivers.
 - 3. Owner reserves the right to designate which entities involved in the Work must submit waivers.
 - 4. Waiver Delays: Submit each Application for Payment with Contractor's waiver of mechanic's lien for construction period covered by the application.
 - a. Submit final Application for Payment with or preceded by final waivers from every entity involved with performance of the Work covered by the application who is lawfully entitled to a lien.
 - 5. Waiver Forms: Submit waivers of lien on forms, executed in a manner acceptable to Owner.
- F. Initial Application for Payment: Administrative actions and submittals that must precede or coincide with submittal of first Application for Payment include the following:
 - 1. List of subcontractors.
 - 2. Schedule of Values.
 - 3. Contractor's Construction Schedule (preliminary if not final).
 - 4. Products list.
 - 5. Schedule of unit prices.
 - 6. Submittals Schedule (preliminary if not final).
 - 7. List of Contractor's staff assignments.
 - 8. List of Contractor's principal consultants.
 - 9. Copies of building permits.
 - 10. Copies of authorizations and licenses from authorities having jurisdiction for performance of the Work.
 - 11. Initial progress report.

12. Report of preconstruction conference.
 13. Certificates of insurance and insurance policies.
 14. Performance and payment bonds.
 15. Data needed to acquire Owner's insurance.
- G. Application for Payment at Substantial Completion: After issuing the Certificate of Substantial Completion, submit an Application for Payment showing 100 percent completion for portion of the Work claimed as substantially complete.
1. Include documentation supporting claim that the Work is substantially complete and a statement showing an accounting of changes to the Contract Sum.
 2. This application shall reflect Certificates of Partial Substantial Completion issued previously for Owner occupancy of designated portions of the Work.
- H. Final Payment Application: Submit final Application for Payment with releases and supporting documentation not previously submitted and accepted, including, but not limited, to the following:
1. Evidence of completion of Project closeout requirements.
 2. Insurance certificates for products and completed operations where required and proof that taxes, fees, and similar obligations were paid.
 3. Updated final statement, accounting for final changes to the Contract Sum.
 4. AIA Document G706, "Contractor's Affidavit of Payment of Debts and Claims."
 5. AIA Document G706A, "Contractor's Affidavit of Release of Liens."
 6. AIA Document G707, "Consent of Surety to Final Payment."
 7. Evidence that claims have been settled.
 8. Final meter readings for utilities, a measured record of stored fuel, and similar data as of date of Substantial Completion or when Owner took possession of and assumed responsibility for corresponding elements of the Work.
- I. Separate Pricing and Lump Sum Payments - Separate pricing and lump sum payments shall follow the following payment schedule below and meet the required specifications, meet the requirements of the Engineer's plans, and must be accepted by the Owner's Representative and the Engineer.
- J. SCOPE:
1. The scope of this section of the Contract Documents is to further define the items included in each Bid Item in the Bid Form section of the Contract Documents. Payment will be made based on the specified items included in the description in this section for each bid item. All contract prices included in the Bid Form section will be full compensation for all shop drawings, working drawings, labor, materials, tools, equipment and incidentals necessary to complete the construction as shown on the Drawings and/or as specified in the Contract Documents to be performed under this Contract. Actual quantities of each item bid on a unit price basis will be determined upon completion of the construction in the manner set up for each item in this section of the Specifications.

Payment for all items listed in the Bid Form will constitute full compensation for all work shown and/or specified to be performed under this Contract.

K. GENERAL

1. All contract lump sum prices included in the Bid Proposal section will be full compensation for all labor, equipment, and incidental to construct the 2nd Floor Remodel and Outside Air Project of the Manatee County Historic Courthouse as specified in the Contract Documents under this contract.

L. WORK OUTSIDE AUTHORIZED LIMITS

1. No payment will be made for work constructed outside the authorized limits of work.

M. LUMP SUM PAYMENT

1. Where payment for items are shown to be paid for on a lump sum basis, no separate payment will be made for any item of work required to complete the lump sum items.
2. Lump sum contracts shall be complete, tested and fully operable prior to request for final payment. Contractor may be required to provide a break-down of the lump sum totals.
3. Payment shall be made for the items listed on the Bid Form on the basis of the work actually performed, completed, and accepted by the Engineer. Such work includes but is not limited to the furnishing of all necessary labor, materials, equipment, transportation, clean up, restoration of disturbed areas, all other appurtenances to complete the construction and installation of the work as shown on the drawings, as described in the specifications, and as directed by the Engineer. Measurement and Payment for Lump Sum bid items will be based on a percentage of completion, as approved by the Owner and recommended by the Engineer, on a monthly basis for the Lump Sum bid items listed on the Bid Form of the Contract Documents. Partial payments will be based on the breakdown of the Bid Item in accordance with the Schedule of Values submitted by the Contractor and approved by the Engineer. Payment shall also include full compensation for project photographs, as-built record drawings, project signs, rubbish and spoil removal, repair, replacement or relocation of all signs, walls, and any and all other items required to complete the project in accordance with Contract Documents.
4. No separate payment will be made for the following items and the cost of such work shall be included in the applicable pay items of work. Final payments shall not be requested by the Contractor or made by the Owner until as-built (record) drawings have been submitted and approved by the Engineer.
 - a. Shop Drawings, Working Drawings.
 - b. Cleanup and miscellaneous work.
 - c. Testing and placing system in operation.
 - d. Any material and equipment required to be installed and utilized for the tests.

Manatee County Historic Courthouse
2nd Floor Remodel and Outside Air Project

- e. Pipe, structures, pavement replacement, asphalt and shell driveways and/or appurtenances included within the limits of lump sum work, unless otherwise shown.
- f. Maintaining the existing quality of service during construction.
- g. Appurtenant work as required for a complete and operable system.
- h. As-built Record Drawings.

N. BID ITEMS

- 1. Mobilization – Provide mobilization for the 2nd Floor Remodel and Outside Air Project at the Manatee County Historic Courthouse as required to meet the project requirements. See the plans for an exact scope of work.
- 2. Structural Repairs – Provide for all Structural Repairs for the 2nd Floor Remodel and Outside Air Project at the Manatee County Historic Courthouse as required to meet the Florida Building Code and the City of Bradenton requirements. See the plans for an exact scope of work. Before final payment is completed the Structural Repairs shall be inspected and accepted by the Engineer and City of Bradenton.
- 3. Asbestos Abatement - Perform Asbestos Abatement for the 2nd Floor Remodel and Outside Air Project at the Manatee County Historic Courthouse as required to meet the Florida Building Code and the City of Bradenton requirements. See the “*Limited NESHAP Asbestos Renovation Survey*” prepared by PSI dated May 8, 2012 and “*Pre-Renovation Asbestos Inspection Report for Second Floor Flooring and Walls*” prepared by EEG Environmental Services, LLC, dated April 7, 2011, for an exact scope of work
- 4. Selective Demo – Perform Demolition for the 2nd Floor Remodel and Outside Air Project at the Manatee County Historic Courthouse as required to meet the Florida Building Code and the City of Bradenton requirements. See the plans for an exact scope of work.
- 5. Concrete – Provide and install all Concrete for the 2nd Floor Remodel and Outside Air Project at the Manatee County Historic Courthouse as required to meet the Florida Building Code and the City of Bradenton requirements. See the plans for an exact scope of work. Before final payment is completed the Concrete work shall be inspected and accepted by the Architect and the City of Bradenton.
- 6. Framing & Drywall - Provide and install all Framing & Drywall for the 2nd Floor Remodel and Outside Air Project at the Manatee County Historic Courthouse as required to meet the Florida Building Code and the City of Bradenton requirements. See the plans for an exact scope of work. Before final payment is completed the Framing & Drywall shall be inspected and accepted by the Architect and the City of Bradenton.
- 7. Doors and Door Frames – Provide and install all Doors and Door Frames for the 2nd Floor Remodel and Outside Air Project at the Manatee County Historic Courthouse as required to meet the Florida Building Code and the City of Bradenton requirements. See the plans for an exact scope of work. Before final

payment is completed the Doors and Door Frames shall be inspected and accepted by the Architect and the City of Bradenton.

8. Door Hardware – Provide and install all Door Hardware for the 2nd Floor Remodel and Outside Air Project at the Manatee County Historic Courthouse as required to meet the Florida Building Code and the City of Bradenton requirements. See the plans for an exact scope of work. Before final payment is completed the Door Hardware shall be inspected and accepted by the Architect.
9. Roofing Tie In / Repair – Provide and install all Roofing Tie In / Repair for the 2nd Floor Remodel and Outside Air Project at the Manatee County Historic Courthouse as required to meet the Florida Building Code and the City of Bradenton requirements. See the plans for an exact scope of work. Before final payment is completed the Roofing Tie In / Repair shall be inspected and accepted by the Architect and the City of Bradenton.
10. Acoustic Ceilings and Grid - Provide and install all Acoustic Lay-In Ceiling and Ceiling Grid for the 2nd Floor Remodel and Outside Air Project at the Manatee County Historic Courthouse as required to meet the Florida Building Code and the City of Bradenton requirements. See the plans for an exact scope of work. Before final payment is completed the Ceiling Grid and Lay-In Ceiling shall be inspected and accepted by the Architect and the City of Bradenton.
11. Flooring (Ceramic Tile, VCT, Carpet) – Provide and install all Flooring for the 2nd Floor Remodel and Outside Air Project at the Manatee County Historic Courthouse as required to meet the Florida Building Code and the City of Bradenton requirements. See the plans for an exact scope of work. Before final payment is completed the Flooring shall be inspected and accepted by the Architect.
12. Casework - Provide and install all Casework for the 2nd Floor Remodel and Outside Air Project at the Manatee County Historic Courthouse as required to meet the Florida Building Code and the City of Bradenton requirements. See the plans for an exact scope of work. Before final payment is completed the Casework shall be inspected and accepted by the Architect.
13. Painting – Provide and install all Painting for the 2nd Floor Remodel and Outside Air Project at the Manatee County Historic Courthouse as required to meet the Florida Building Code and the City of Bradenton requirements. See the plans for an exact scope of work. Before final payment is completed the Painting shall be inspected and accepted by the Architect.
14. Signage – Provide and install all Signage for the 2nd Floor Remodel and Outside Air Project at the Manatee County Historic Courthouse as required to meet the Florida Building Code and the City of Bradenton requirements. See the plans for an exact scope of work. Before final payment is completed the Signage shall be inspected and accepted by the Architect and the City of Bradenton.
15. Bathroom partitions and Accessories – Provide and install all Bathroom partitions and Accessories for the 2nd Floor Remodel and Outside Air Project at the Manatee County Historic Courthouse as required to meet the Florida Build-

ing Code and the City of Bradenton requirements. See the plans for an exact scope of work. Before final payment is completed the Bathroom partitions and Accessories shall be inspected and accepted by the Architect.

16. Miscellaneous items - Provide and install miscellaneous items (this item is for all items that do not fit in another category, list all items included under this category) for the 2nd Floor Remodel and Outside Air Project at the Manatee County Historic Courthouse as required to meet the Florida Building Code and the City of Bradenton requirements. See the plans for an exact scope of work. Before final payment is completed the Miscellaneous items shall be inspected and accepted by the Architect and where applicable by the City of Bradenton.
17. Fire Protection Systems - Provide and install all fire protection systems for the 2nd Floor Remodel and Outside Air Project at the Manatee County Historic Courthouse as required to meet the Florida Building Code and all local codes. See the fire protection plans and specifications for an exact scope of work. Demolition and replacement of items may be required. Install the systems as required to meet the Florida Building Code and the City of Bradenton requirements. See the plans for an exact scope of work. Before final payment is completed fire protection systems shall be inspected and accepted by the Engineer and the City of Bradenton.
18. HVAC Demos – Perform Demolition for the 2nd Floor Remodel and Outside Air Project at the Manatee County Historic Courthouse as required to meet the Florida Building Code and the City of Bradenton requirements. See the plans for an exact scope of work.
19. HVAC Systems and Components - Provide and install all mechanical systems for the 2nd Floor Remodel and Outside Air Project at the Manatee County Historic Courthouse as required to meet the Florida Building Code and all local code requirements. Demolition and replacement of items may be required. Check the mechanical plans and specifications for an exact scope of work. Install the systems and check the HVAC air balance of the building after the construction of the building is completed. Before final payment is completed the Manatee County Project Manager, the Engineer and the City of Bradenton Inspector shall inspect and accept the HVAC systems.
20. HVAC Controls - Provide and install all temperature controls for the 2nd Floor Remodel and Outside Air Project at the Manatee County Historic Courthouse as required to meet the Florida Building Code and all local codes. Demolition and replacement of items is required. See the HVAC plans and specifications for the exact scope of work. New controls shall be provided and installed. The controls shall be connected to the existing building controls if required. Before final payment is completed the Manatee County Project Manager, the Engineer and the City of Bradenton Inspector shall inspect and accept the HVAC systems.
21. IT Room DX System - Provide a price for the provision of an HVAC unit for cooling the computer room 217, and the complete installation of the provided unit. See the mechanical plans and specifications for the DX air handler for a specific scope. Provide and install all items required for the installation of the

DX air handler unit for the 2nd Floor Remodel and Outside Air Project at the Manatee County Historic Courthouse as required to meet the Florida Building Code and all local code requirements. Install the systems and check the HVAC air balance of the building after the construction of the building is completed. Before final payment is completed the Manatee County Project Manager, the Engineer and the City of Bradenton Inspector shall inspect and accept the HVAC systems.

22. HVAC Test and Balance – Perform HVAC Test and Balance for the 2nd Floor Remodel and Outside Air Project at the Manatee County Historic Courthouse as required to meet the Florida Building Code and the City of Bradenton requirements. See the plans for an exact scope of work. Before final payment is completed the HVAC Test and Balance Report shall be provided by the General Contractor and inspected and accepted by the Engineer of Record.
23. Plumbing – Provide and install all Plumbing for the 2nd Floor Remodel and Outside Air Project at the Manatee County Historic Courthouse as required to meet the Florida Building Code and the City of Bradenton requirements. See the plans for an exact scope of work. Before final payment is completed the Plumbing shall be inspected and accepted by the Engineer and the City of Bradenton.
24. Plumbing Fixtures – Provide and install all Plumbing Fixtures for the 2nd Floor Remodel and Outside Air Project at the Manatee County Historic Courthouse as required to meet the Florida Building Code and the City of Bradenton requirements. See the plans for an exact scope of work. Before final payment is completed the Plumbing Fixtures shall be inspected and accepted by the Architect and the City of Bradenton.
25. Electrical Switchgear, panels, circuit breakers, transformer(s) – Provide and install all Electrical Work for the 2nd Floor Remodel and Outside Air Project at the Manatee County Historic Courthouse as required to meet the Florida Building Code and the City of Bradenton requirements. See the plans for an exact scope of work. Before final payment is completed the Electrical Work shall be inspected and accepted by the Engineer and the City of Bradenton.
26. Lighting– Provide and install all Lighting for the 2nd Floor Remodel and Outside Air Project at the Manatee County Historic Courthouse as required to meet the Florida Building Code and the City of Bradenton requirements. See the plans for an exact scope of work. Before final payment is completed the Lighting shall be inspected and accepted by the Engineer and the City of Bradenton.
27. Electrical Conduit - Provide and install all conduits and wiring required for the Fire Protection, Life Safety, Security, Data and electrical connections per the National Electrical Code (NEC) and all local codes. See the mechanical, electrical, security and fire protection plans and specifications for the exact scope of work. Before final payment is completed all conduit shall be inspected and accepted by the Engineer and the City of Bradenton.
28. Electrical Systems and Components - Provide and install all electrical items: conduits, wiring, and all items required to make a complete functioning electri-

Manatee County Historic Courthouse
2nd Floor Remodel and Outside Air Project

cal system for the 2nd Floor Remodel and Outside Air Project at the Manatee County Historic Courthouse as to meet the requirements of the National Electrical Code (NEC) and all of the local codes. See the electrical design plans and specifications for an exact scope of work. The wiring and conduits in bid Item # 24 are not included. Excluding lighting for bid item #23. Excludes items in the electrical switchgear items #22, the security systems bid items #26, the fire alarm systems items #27. Before final payment is completed electrical systems shall be inspected and accepted by the Engineer and the City of Bradenton.

29. Security Systems - Provide and install all security system items of the Project at the Manatee County Historic Courthouse and tie into the existing building security as required. See the contract documents for the exact scope of work. The conduit for security systems is a separate bid item (bid item # 24) and is not part of the allowance. Before final payment is completed security systems shall be inspected and accepted by the Engineer and the City of Bradenton.

General Contractor shall use an allowance of \$ 50,000.00 to contract with the Manatee County Security Continuing Services Contractor listed below.

Qualified Systems Contracting, Inc.

6996 Anderson Road

Tampa, FL 33634

Office: 813-885-3705

Fax: 866-306-1799

Larry Phillips

Branch Manager

Cell: 813-523-8685

30. Fire Alarm Systems - Provide and install all fire alarm systems for the 2nd Floor Remodel and Outside Air Project at the Manatee County Historic Courthouse as required to meet the Florida Building Code and all local codes. The wiring and conduit installation are in another bid item (bid item # 24). See the contract documents for the exact scope of work. Limited demolition shall be required. Provide and install new systems and connect to the existing building system. Before final payment is completed fire alarm systems shall be inspected and accepted by the Engineer and the City of Bradenton.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION 012000



LIMITED NESHAP ASBESTOS RENOVATION SURVEY
MANATEE COUNTY HISTORIC COURTHOUSE
SECOND FLOOR and LIMITED MEZZANINE AREA
LOCATED AT 1115 MANATEE AVENUE WEST
BRADENTON, MANATEE COUNTY, FLORIDA

PSI PROJECT NO. 0552903

May 8, 2012

Mr. John Rowland
Manatee County Government
Property Management Construction Services
1112 Manatee Avenue West
Bradenton, Florida 34205

Re: Limited NESHAP Asbestos Renovation Survey
Manatee County Historic Courthouse
Second Floor and Limited Mezzanine Area
Located at 1115 Manatee Avenue West
Bradenton, Manatee County, Florida
PSI Project Number 0552903

Dear Mr. Rowland:

Professional Service Industries, Inc. (PSI) was contracted by Manatee County Government per IFAS #W1200092 referencing Work Assignment No. 22PE to perform a limited National Emissions Standard for Hazardous Air Pollutants (NESHAP) asbestos renovation survey. On April 17, 18 and 19, 2012, PSI representatives Mr. Manuel Porras and Kevin Callahan conducted the limited asbestos survey of suspect asbestos-containing materials associated with the Manatee County Historic Courthouse on the second floor and the limited mezzanine located at 1115 Manatee Avenue West in Bradenton, Manatee County, Florida.

At the request of the client, the survey was limited to the interior areas on the second floor, and the mezzanine. The roof and exterior areas are not a part of this survey.

Numerous cuts were made in carpet, floor tile and ceramic tiled areas throughout each space to access and observe the underlying substrates. All areas above the ceiling panels were accessed to view the plenum space. Fireproofing material was observed between the walls.

This survey is limited to the materials referenced in the table on the following page. If additional materials not listed in the table are observed during renovation activities and are scheduled to be impacted, then those materials must first be laboratory tested prior to being disturbed.

During the limited NESHAP asbestos renovation survey, the inspectors collected a total of one hundred thirty-six (136) samples from eighty-nine (89) homogeneous areas of suspect asbestos-containing materials. Samples were laboratory analyzed by Polarized Light Microscopy (PLM). The following chart lists the materials sampled, sample locations, approximate quantity of materials located throughout the surveyed area and percentage of asbestos fibers found in the materials sampled. The results of our analytical testing are discussed in the table on the following page.

HOMO. No.	SAMPLE No.	MATERIAL DESCRIPTION	SAMPLED LOCATION	APPROX. QUANTITY ⁽¹⁾	% ASBESTOS TYPE	NESHAP CATEGORY
North Side – Phase I						
01	01	Terrazo flooring	North room, center area	11,900 sq. ft.	NAD ⁽²⁾	N/A ⁽³⁾
01	02	Terrazo flooring	Middle west courtroom, center area		NAD	N/A
02	03	Black floor mastic	Northwest room, west area	8,900 sq. ft.	10 % Chry. ⁽⁴⁾	Category I ⁽⁵⁾
02	04	Black floor mastic	Middle east courtroom, center area		10 % Chry.	Category I
03	05	Yellow floor glue	Northeast courtroom, center area	6,800 sq. ft.	NAD	N/A
03	06	Yellow floor glue	Middle west courtroom, west area		NAD	N/A
04	07	White window caulk	North room, west corner	600 lin. ft.	NAD	N/A
04	08	White window caulk	Southeast courtroom, south window		NAD	N/A
05	09	Red fire caulk	North room, center window	600 lin. ft.	NAD	N/A
05	10	Red fire caulk	Southeast hallway, upper wall area		NAD	N/A
06	11	12" x 12" Beige vinyl floor tile and yellow glue	Northeast hallway	2,500 sq. ft.	NAD	N/A
06	12	12" x 12" Beige vinyl floor tile and yellow glue	South hallway, upper layer		NAD	N/A
07	13	12" x 12" Pink vinyl floor tile and yellow glue	Northeast hallway	500 sq. ft.	NAD	N/A
07	14	12" x 12" Pink vinyl floor tile and yellow glue	South hallway		NAD	N/A
08	15	12" x 12" Light Gray vinyl floor tile and black glue	Northeast office, west office area	110 sq. ft.	NAD	N/A
08	16	12" x 12" Light Gray vinyl floor tile and black glue	Northeast office, east office area		NAD	N/A
09	17	12" x 12" Beige vinyl floor tile and black glue	Northwest lobby hallway, center area	2,500 sq. ft.	Floor Tile- 4% Chry. Mastic- 8% Chry.	Category I
09	18	12" x 12" Beige vinyl floor tile and black glue	South hallway, west side		Floor Tile- 4% Chry. Mastic- 8% Chry.	Category I
10	19	Sheet vinyl flooring and glue	Southeast restroom, east corner	200 sq. ft.	NAD	N/A
10	20	Sheet vinyl flooring and glue	Southwest restroom, east corner		NAD	N/A

HOMO. No.	SAMPLE No.	MATERIAL DESCRIPTION	SAMPLED LOCATION	APPROX. QUANTITY ⁽¹⁾	% ASBESTOS TYPE	NESHAP CATEGORY
11	21	Tan wallpaper and glue	Southeast restroom, west wall	800 sq. ft.	NAD	N/A
11	22	Tan wallpaper and glue	Southwest restroom, east wall		NAD	N/A
12	23	Black baseboard and glue	Middle courtroom, west area	600 sq. ft.	NAD	N/A
12	24	Black baseboard and glue	Northwest hallway, south wall		NAD	N/A
13	25	Tan baseboard and glue	Northeast office, east wall	30 sq. ft.	NAD	N/A
14	26	Gray baseboard and glue	Northeast office, south wall	30 sq. ft.	NAD	N/A
15	27	Red baseboard and glue	Northwest courtroom, north wall	990 sq. ft.	NAD	N/A
15	28	Red baseboard and glue	North hallway, north wall		NAD	N/A
16	29	Tan glue	North room, west wall	80 sq. ft.	NAD	N/A
17	30	Black glue	North room, northeast wall	240 sq. ft.	NAD	N/A
18	31	Black HVAC duct mastic	Middle courtroom, west wall	30 sq. ft.	6% Chry.	Category II ⁽⁶⁾
18	32	Black HVAC duct mastic	Middle hallway		6% Chry.	Category II
19	33	White HVAC duct mastic	Middle east courtroom	1,150 sq. ft.	NAD	N/A
19	34	White HVAC duct mastic	Middle west courtroom		NAD	N/A
20	35	Black and pink duct insulation	Middle west courtroom, south end duct	1,100 sq. ft.	NAD	N/A
21	36	Black and pink duct insulation	Middle east courtroom, north end duct	1,100 sq. ft.	NAD	N/A
22	37	Tan HVAC duct mastic	North hallway	10 sq. ft.	NAD	N/A
23	38	Brown HVAC duct mastic	Northeast room, east wall	60 sq. ft.	NAD	N/A
24	39	Gray concrete slab	Southeast HVAC room	200 sq. ft.	NAD	N/A
24	40	Gray concrete slab	Southeast HVAC room		NAD	N/A
25	41	12" x 12" Light green vinyl floor tile and black glue	South side stairs landing	300 sq. ft.	Floor Tile- 3% Chry. Mastic- 5% Chry.	Category I
25	42	12" x 12" Light green vinyl floor tile and black glue	North side stairs landing	300 sq. ft.	Floor Tile- 3% Chry. Mastic- 5% Chry.	Category I

HOMO. No.	SAMPLE No.	MATERIAL DESCRIPTION	SAMPLED LOCATION	APPROX. QUANTITY ⁽¹⁾	% ASBESTOS TYPE	NESHAP CATEGORY
26	43	1" x 1" White tile with gray floor grout and white thin set	Men restroom, main hallway	800 sq. ft.	NAD	N/A
26	44	1" x 1" White tile with gray floor grout and white thin set	Southeast side hallway		NAD	N/A
27	45	Yellow liquid nail	South hallway, east side wall	2,000 sq. ft.	NAD	N/A
28	46	White caulk	Middle hallway, east side wall	800 sq. ft.	NAD	N/A
29	47	Brown insulation	Middle west courtroom, west side wall	13,000 sq. ft.	NAD	N/A
29	48	Brown insulation	Middle hallway, east side wall		NAD	N/A
29	49	Brown insulation	Southwest hallway, west side wall		NAD	N/A
30	50	White pyrobar block	Middle Hallway, west side wall	6,500 sq. ft.	NAD	N/A
31	51	White pyrobar block	North room, south side wall		NAD	N/A
32	52	Black vapor barrier	Middle west courtroom, west side wall	16,400 sq. ft.	NAD	N/A
32	53	Black vapor barrier	Middle east courtroom, east side wall		NAD	N/A
33	54	White plaster	North room, south side wall	21,500 sq. ft.	NAD	N/A
33	55	Peach plaster	Middle east courtroom, east side wall		NAD	N/A
33	56	White plaster	Middle hallway, east side wall		NAD	N/A
34	57	White/Orange drywall and white joint compound	North hallway, west side wall	12,560 sq. ft.	NAD	N/A
34	58	White drywall and white joint compound	Middle hallway, east side wall		NAD	N/A
35	59	4" Black pipe insulation and black mastic	Middle courtroom, north side wall	120 sq. ft.	Black insulation – NAD Mastic- 3% Chry.	Category II
35	60	4" Black pipe insulation and black mastic	Middle hallway, west side wall		Black insulation – NAD Mastic- 3% Chry.	Category II
36	61	2" White pipe insulation with white wrap	Middle east courtroom, north side wall	120 lin. ft.	Pipe insulation – 10% Chry. Wrap – NAD	Friable RACM⁽⁷⁾
36	62	2" White pipe insulation with white wrap	Middle hallway, west side wall		Pipe insulation – 10% Chry. Wrap – NAD	Friable RACM

HOMO. No.	SAMPLE No.	MATERIAL DESCRIPTION	SAMPLED LOCATION	APPROX. QUANTITY ⁽¹⁾	% ASBESTOS TYPE	NESHAP CATEGORY
37	63	4" Black pipe insulation with white mastic	Southeast HVAC room	500 lin. ft.	NAD	N/A
38	64	4" Black pipe insulation with white mastic	South hallway HVAC room		NAD	N/A
39	65	4" Yellow insulation with white mastic	Southeast HVAC room	500 lin. ft.	NAD	N/A
39	66	4" Yellow insulation with white mastic	South hallway HVAC room		NAD	N/A
40	67	Black HVAC damper	Middle east courtroom	16 sq. ft.	NAD	N/A
40	68	White HVAC damper	South hallway HVAC room	30 sq. ft.	NAD	N/A
41	69	Black pipe mastic	Hallway, north side 4" steel cast pipes	950 lin. ft.	3% Chry.	Category II
41	70	Black pipe mastic	Hallway, north side 4" steel cast pipes		3% Chry.	Category II
South Side – Phase II						
42	71	Gray concrete slab	Southeast room, center area	8,000 sq. ft.	NAD	N/A
42	72	Gray concrete slab	Middle hallway, center area		NAD	N/A
43	73	Gray concrete ceiling deck	Southeast room, south side area	8,000 sq. ft.	NAD	N/A
43	74	Gray concrete ceiling deck	Middle courtroom, center area		NAD	N/A
44	75	Black HVAC duct mastic	Southeast room, west wall	100 sq. ft.	9% Chry.	Category II
44	76	Black HVAC duct mastic	Middle hallway, west side wall		9% Chry.	Category II
45	77	Tan HVAC duct mastic	Middle courtroom, center area	105 sq. ft.	NAD	N/A
45	78	Tan HVAC duct mastic	North hallway, center area		NAD	N/A
46	79	Black baseboard with Brown mastic	Southeast hallway, center side wall	90 lin. ft.	2% Chry.	Category I
47	80	Red baseboard with mastic	Northeast office, east side wall	120 lin. ft.	NAD	N/A
48	81	Gray plaster over gray coat	Southeast room, southwest side area	9,000 sq. ft.	NAD	N/A
48	82	Gray plaster over gray coat	Northeast hallway, north wall	9000 sq. ft.	NAD	N/A
48	83	Gray plaster over gray coat	West courtroom, west wall		NAD	N/A
49	84	White pyrobar block	Southeast room, southwest side area	5,500 sq. ft.	NAD	N/A
49	85	White pyrobar block	North hallway, center area		NAD	N/A
50	86	Yellow carpet glue	Southeast room, center area	7,000 sq. ft.	NAD	N/A
50	87	Yellow carpet glue	Northwest room, center area		NAD	N/A

HOMO. No.	SAMPLE No.	MATERIAL DESCRIPTION	SAMPLED LOCATION	APPROX. QUANTITY ⁽¹⁾	% ASBESTOS TYPE	NESHAP CATEGORY
51	88	Gray/beige sheet vinyl flooring material	Southwest restroom, south side	120 sq. ft.	NAD	N/A
52	89	Tan/white wallpaper	Southwest restroom, south wall	720 sq. ft.	NAD	N/A
53	90	Gray drywall and white joint compound	Southwest courtroom, east side wall	13,000 sq. ft.	NAD	N/A
53	91	Gray drywall and white joint compound	South corridor, north wall		NAD	N/A
54	92	White window caulk	Southwest courtroom, southwest window	600 lin. ft.	NAD	N/A
55	93	Red fire caulk	Southwest courtroom, west center window	600 lin. ft.	NAD	N/A
56	94	Yellow liquid nail	North hallway, south wall	6,000 sq. ft.	NAD	N/A
57	95	Black sink undercoat	Southeast room, southwest area	4 sq. ft.	2% Chry.	Category II
58	96	Black vapor barrier	South corridor, south wall	1,800 sq. ft.	NAD	N/A
59	97	12" x 12" Beige vinyl floor tile and yellow glue	North hallway, south side	500 sq. ft.	NAD	N/A
60	98	12" x 12" Pink vinyl floor tile and yellow glue	North hallway, north side	150 sq. ft.	NAD	N/A
61	99	12" x 12" Light green vinyl floor tile and black glue	Middle courtroom, center area	4,000 sq. ft.	Floor Tile- 3% Chry. Mastic- 7% Chry.	Category I
62	100	Tan insulation	South corridor, south wall	13,000 sq. ft.	NAD	N/A
63	101	Gray/Yellow HVAC duct mastic	Southwest courtroom, center area	60 sq. ft.	NAD	N/A
64	102	4" Black pipe insulation with white mastic	Southwest HVAC room	80 lin. ft.	NAD	N/A
65	103	Black/Yellow HVAC duct insulation	Middle courtroom, west area	4,500 sq. ft.	NAD	N/A
66	104	Tan caulk	North hallway, north wall	100 lin. ft.	NAD	N/A
67	105	Black pipe mastic	Hallway, north side 4" steel cast pipes	300 lin. ft.	3% Chry.	Category II
Mezzanine						
68	106	2' x 2' Gray/White ceiling panel	Lobby area	1,200 sq. ft.	NAD	N/A
68	107	2' x 2' Gray/White ceiling panel	Room 301, center area		NAD	N/A
68	108	2' x 2' Gray/White ceiling panel	Room 303, north area		NAD	N/A

HOMO. No.	SAMPLE No.	MATERIAL DESCRIPTION	SAMPLED LOCATION	APPROX. QUANTITY ⁽¹⁾	% ASBESTOS TYPE	NESHAP CATEGORY
69	109	Gray/Tan drywall and white joint compound	Lobby area, northeast corner	3,000 sq. ft.	NAD	N/A
69	110	Gray/Tan drywall and white joint compound	Room 303, southeast corner		NAD	N/A
69	111	Gray/Tan drywall and white joint compound	Restroom, northwest corner		NAD	N/A
70	112	Gray/Beige sheet vinyl flooring	Restroom, southwest corner	36 sq. ft.	NAD	N/A
71	113	Black/Yellow carpet mastic	Room 304, southwest area	700 sq. ft.	5% Chry.	Category I
71	114	Black/Yellow carpet mastic	Room 303, northwest corner		5% Chry.	Category I
73	115	White plaster over gray coat	Room 301, northwest corner	3,000 sq. ft.	NAD	N/A
73	116	White plaster over gray coat	Room 303, northwest corner		NAD	N/A
74	117	White window caulk	Lobby, southwest window	200 lin. ft.	NAD	N/A
75	118	Black baseboard and white glue	Lobby, west wall	50 lin. ft.	NAD	N/A
76	119	Red baseboard and white glue	Room 352, south center wall	200 lin. ft.	NAD	N/A
77	120	Yellow carpet over gray leveling compound and black mastic	Main entrance hallway	230 sq. ft.	6% Chry.	Category I
77	121	Yellow carpet over gray leveling compound and black mastic	Lobby, center area		6% Chry.	Category I
78	122	White pyrobar block	Room 302, west wall	200 sq. ft.	NAD	N/A
79	123	White/Yellow pipe insulation	Room 302, south wall	15 lin. ft.	NAD	N/A
80	124	4" Black pipe insulation and black mastic	Room 301, center area	50 lin. ft.	Insulation – NAD Mastic - 6% Chry.	Category II
81	125	4" Black pipe insulation with foil paper and black mastic	North storage area, west side	50 lin. ft.	Insulation – NAD Foil paper - NAD Mastic - 6% Chry.	Category II
82	126	2" White pipe insulation and white mastic	Room 302, southwest wall	10 lin. ft.	NAD	N/A
83	127	Black HVAC damper	Room 301, northwest area	16 lin. ft.	NAD	N/A
84	128	White HVAC duct mastic over green mastic	Lobby, southwest area	50 sq. ft.	NAD	N/A
85	129	Gray HVAC duct mastic	Room 301, north area	50 sq. ft.	NAD	N/A
86	130	Yellow interior HVAC insulation	Room 301, north area	300 sq. ft.	NAD	N/A
87	131	White ceiling plaster	Room 301, southwest corner	60 sq. ft.	NAD	N/A
88	132	Black vapor barrier	Room 301, south wall	200 sq. ft.	NAD	N/A

HOMO. No.	SAMPLE No.	MATERIAL DESCRIPTION	SAMPLED LOCATION	APPROX. QUANTITY ⁽¹⁾	% ASBESTOS TYPE	NESHAP CATEGORY
89	133	Peach plaster	Room 301, south wall	200 sq. ft.	NAD	N/A
89	134	Peach plaster	Room 301, south wall	.	NAD	N/A
90	135	12" x 12" Green vinyl floor tile with yellow and black glue	Hallway room 301	400 sq. ft.	Floor Tile - 3% Chry. Black Mastic - 7% Chry. Yellow Mastic- NAD	Category I
90	136	12" x 12" Green vinyl floor tile with yellow and black glue	Room 301, northwest corner		Floor Tile - 3% Chry. Black Mastic - 7% Chry. Yellow Mastic- NAD	Category I

- (1) Approximate quantity located throughout the surveyed area; sq. ft. = square feet; lin. ft. = linear feet
 (2) NAD = No asbestos detected
 (3) N/A = Not applicable
 (4) Chry. = Chrysotile Asbestos
 (5) Category I = Non-friable ACM are asbestos-containing resilient floor coverings, asbestos tile, asphalt roofing products, packing and gaskets
 (6) Category II = All non-friable asbestos-containing materials not Category I
 (7) RACM = Friable Regulated Asbestos Containing Material

Reference attachment for laboratory analytical results.

The U.S. Environmental Protection Agency (EPA) and the Occupational Safety and Health Administration (OSHA) define asbestos containing material as any material which contains greater than one percent asbestos. When friable samples analyzed by Polarized Light Microscopy contain asbestos in amounts less than ten percent (< 10%), a more exact method of analysis called point counting may be performed at the client's request. The EPA point count method allows a friable sample in which asbestos was visually detected, but which is visually estimated to have 10% or less asbestos, to be quantified using a point count procedure. If not point counted, a friable sample in which asbestos was visually detected and estimated (including trace to ≤ 1%) must be assumed to be greater than 1% and treated as an asbestos-containing material (ACM).

The EPA point counting procedure is as follows: an ocular reticule (cross hair or point array) is used to superimpose visually a point or points on the microscope field of view. A total of 400 points superimposed on either asbestos fibers or non-asbestos matrix material must be counted over at least eight different preparations of representative sub-samples. If an asbestos fiber and matrix particle overlap so that a point is superimposed on their visual intersection, a point is scored for both categories. Point counting provides a quantification of the area percent asbestos.

Per EPA's regulations, materials which have been point-counted and, therefore, quantitatively determined to have less than or equal to one percent (≤ 1%) asbestos, can be treated as non-ACM. **None of the samples collected were point counted during this survey.**



This report may not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. Method used: EPA Method for the Determination of Asbestos in Bulk Building Materials (EPA/600/R-93/116, July 1993).

Seventeen (17) of the eighty-nine (89) homogeneous materials collected and analyzed during the limited NESHAP asbestos renovation survey were found to contain asbestos mineral fibers.

MATERIAL DESCRIPTION	% ASBESTOS – TYPE
NORTH SIDE – PHASE I	
HA: 02 Approximately 8,900 square feet of black floor mastic asbestos-containing (Located throughout the north space). This mastic material is adhered to the floor deck.	10% Chrysotile Asbestos
HA: 09 Approximately 2,500 square feet of asbestos-containing 12" x12" Beige floor tile with asbestos-containing black floor mastic (Located throughout the north to south hallway and the southeast and southwest courtrooms). This material is the lower 12" x 12" floor tile layer.	Floor Tile 4% - Chrysotile Asbestos Mastic 8% - Chrysotile Asbestos
HA: 18 Approximately 30 square feet of asbestos-containing black HVAC duct mastic (located mainly in the middle east courtroom and inside the mechanical north HVAC room). This material was observed on the seams of the foil wrap duct insulation over bare metal duct.	6% Chrysotile Asbestos
HA: 25 Approximately 300 square feet of asbestos-containing 12" x12" Light Green floor tile with asbestos-containing black floor mastic (Located throughout the north and south stairs and landings). This material is a single layer.	Floor Tile 4% - Chrysotile Asbestos Mastic 8% - Chrysotile Asbestos
HA: 35 Approximately 120 linear feet of 4" Pipe stink rock insulation with asbestos-containing black duct mastic (located in the middle east and west pipe chases between the partitions areas on the seams). This material was observed on the black wrap pipe insulation.	3% Chrysotile Asbestos
HA: 36 Approximately 120 linear feet of friable asbestos-containing 2" Pipe insulation with white wrap (located in the middle east and west pipe chases between the partitions areas). This material was observed inside the white wrap.	10% Chrysotile Asbestos
HA: 41 Approximately 950 linear feet of asbestos-containing 4" pipe black mastic (located on the steel cast pipe lines). This remaining black mastic spots were observed over these 4" steel cast pipes along the entire hallway; the insulation material was already removed.	3% Chrysotile Asbestos
SOUTH SIDE – PHASE II	
HA: 44 Approximately 200 square feet of asbestos-containing black HVAC duct mastic (located mainly in the southeast to east office areas on the upper wall). This material was observed on the HVAC duct insulation lines over bare metal duct.	10% Chrysotile Asbestos
HA: 46 Approximately 90 linear feet of asbestos-containing black baseboard mastic (observed at the southeast corridor and east office area). This mastic material is adhered to the lower base wall areas.	2% Chrysotile Asbestos
HA: 57 Approximately 4 square feet of asbestos-containing black sink undercoat (located in the southeast room). This material is associated with a former kitchen cabinet area.	5% Chrysotile Asbestos
HA: 61 Approximately 4,000 square feet of asbestos-containing 12" x12" light green floor tile with asbestos-containing black floor mastic (located throughout the east to west hallway and the center courtrooms). This material is the lower 12" x 12" floor tile layer.	Floor Tile 4% - Chrysotile Asbestos Mastic 8% - Chrysotile Asbestos

MATERIAL DESCRIPTION	% ASBESTOS – TYPE
HA: 67 Approximately 300 linear feet of asbestos-containing 4" pipe black mastic (located on the steel cast pipe lines). This remaining black mastic spots were observed over these 4" steel cast pipes along the entire hallway, the insulation material was already removed.	10% Chrysotile Asbestos
Mezzanine	
HA: 71 Approximately 700 square feet of black/yellow floor mastic asbestos-containing (located throughout room 304, room 352 and room 303). This mastic material is adhered to the floor deck.	5% Chrysotile Asbestos
HA: 77 Approximately 230 square feet of green/yellow and black floor mastic asbestos-containing (located throughout the lobby space). This mastic material is adhered to the floor deck mixed with the leveling compound.	6% Chrysotile Asbestos
HA: 80 and 81 Approximately 100 linear feet of asbestos-containing black pipe mastic (located in room 301 and inside room 302). This material was observed on the seams of the foil wrap pipe insulation.	15% Chrysotile Asbestos
HA: 90 Approximately 400 square feet of asbestos-containing 12" x12" light green floor tile with asbestos-containing black floor mastic (located throughout room 301) This material is a single layer.	Floor Tile 3% - Chrysotile Asbestos Mastic 5% - Chrysotile Asbestos

***All quantities are estimated and are not for bidding purposes and must be verified by the abatement contractor.**

The black floor mastic (HA-02, HA-09, HA-25, HA-46, HA-61, HA-71, HA-77 and HA-90) are considered to be a Category I non-friable asbestos-containing material per EPA NESHAP 40 CFR Part 61, Subpart M. This material does not pose a significant exposure problem unless sawn, drilled, sanded, or structurally altered in a way which could make it become friable.

The black duct mastic (HA-18, HA-35, HA-41, HA-44, HA-67, HA-124 and HA-125) and black sink undercoat mastic (HA-57) are considered to be Category II non-friable asbestos-containing materials per EPA NESHAP 40 CFR Part 61, Subpart M. These materials do not pose a significant exposure problem unless sawn, drilled, sanded, or structurally altered in a way which could make it become friable.

The white pipe insulation (HA-36) is considered RACM, i.e. friable asbestos containing materials. Prior to demolition, above referenced RACM material should be removed by an experienced Florida Licensed Asbestos Abatement Contractor, utilizing proper abatement procedures as per OSHA 29 CFR Part 1926.1101 with documentary air monitoring performed by and independent Florida Licensed Asbestos Consulting Firm to verify compliance with EPA NESHAP 40, CFR Part 61, Subpart M.

If there are plans to disturb the above referenced Category I and II non-friable asbestos-containing material during renovation activities, then this material should be removed by an experienced Florida Licensed Asbestos Contractor, utilizing proper abatement procedures as per OSHA 29 CFR Part 1926.1101 with documentary air monitoring performed by an independent Florida Licensed Asbestos Consulting firm.



If renovation activities expand into other areas not referenced in this survey, or if during renovation activities, any additional materials are found which have not been tested, or any materials are found in any of the areas that were not visible at the time of the survey, they should be assumed to be asbestos containing until laboratory testing proves otherwise. The renovation contractor should provide oversight to ensure that additionally found suspect materials are properly tested. The contractor must keep a copy of the asbestos survey onsite.

Warranty

PSI warrants that the findings contained herein have been prepared in general accordance with accepted professional practices at the time of this preparation, as applied by similar professionals in the community. Changes in the state of the art or in applicable regulations cannot be anticipated and have not been addressed in this report.

This report was prepared pursuant to authorization received by Manatee County Government per IFAS #W1200092. That contractual relationship included an exchange of information about the property that was unique and between PSI and its client and serves as the basis upon which this report was prepared. Because of the importance of the communication between PSI and its client, reliance on any use of this report by anyone other than Manatee County Government for whom it was prepared, is prohibited and therefore not foreseeable to PSI.

Reliance on or use by any such third party without explicit authorization in the report does not make said third party a third party beneficiary to PSI's contract with Brixmor Property Group. Any such unauthorized reliance on or use of this report, including any of its information or conclusions, will be at the third party's risk. For the same reasons, no warranties or representations, expressed or implied in this report, are made to any such third party.

The survey and analytical methods have been used to provide the client with information regarding the presence of the parameters tested in the facility at the time of study. Test results are valid only for the locations sampled. There is a distinct possibility that conditions may exist which could not be identified within the scope of the study or which were not apparent during the site visit. This inspection covered only those areas that were physically accessible to the inspector. The study is also limited to the information provided by the client at the time the survey was conducted.

As directed by the client, PSI did not provide any service to investigate or detect the presence of moisture, mold or other biological contaminants in or around any structure, or any service that was designed or intended to prevent or lower the risk of the occurrence of the amplification of the same. Client acknowledges that mold is ubiquitous to the environment with mold amplification occurring when building materials are impacted by moisture. Client further acknowledges that site conditions are outside of PSI's control, and that mold amplification will likely occur, or continue to occur, in the presence of moisture. As such, PSI cannot and shall not be held responsible for the occurrence or recurrence of mold amplification.



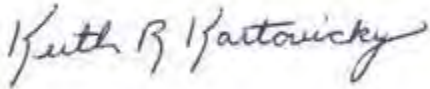
After your review of this information, if you have any questions or concerns, please do not hesitate to contact Mr. Keith R. Kartovicky at (813) 886-1075.

Respectfully submitted,

PROFESSIONAL SERVICE INDUSTRIES, INC.



Manuel Porras
AHERA Certified Asbestos Inspector



Keith R. Kartovicky
AHERA Certified Asbestos Inspector
Senior Project Manager



Michael W. Rothenburg, P.E.
Principal Consultant
Florida Licensed Asbestos Consultant
License No. EA41

PLM ANALYTICAL LABORATORY RESULTS

**EMSL Analytical, Inc.**

19501 NE 10th Ave. Bay A, N. Miami Beach, FL 33179

Phone/Fax: (305) 650-0577 / (305) 650-0578

<http://www.emsl.com>miamilab@emsl.com

EMSL Order: 171202002

CustomerID: PSI59

CustomerPO:

ProjectID:

Attn: **Glenn Potharst**
PSI (Miami)
7950 NW 64th St.
Miami, FL 33166

Phone: (305) 471-7721
Fax: (305) 593-1915
Received: 04/18/12 10:00 AM
Analysis Date: 4/19/2012
Collected: 4/17/2012

Project: **Manatee County Historic Courthouse - 3rd FL - Phase I - 0552903****Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy**

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
1 171202002-0001	Terrazo Flooring	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2 171202002-0002	Terrazo Flooring	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
3 171202002-0003	Floor Mastic	Black Non-Fibrous Homogeneous		90% Non-fibrous (other)	10% Chrysotile
4 171202002-0004	Floor Mastic				Stop Positive (Not Analyzed)
5 171202002-0005	Carpet Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
6 171202002-0006	Carpet Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
7 171202002-0007	Caulk	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
8 171202002-0008	Caulk	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Natasha Montoya (50)

Kimberly Wallace, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. N. Miami Beach, FL NVLAP Lab Code 200204-0

Initial report from 04/19/2012 15:22:00

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
9 171202002-0009	Fire Caulk	Red Non-Fibrous Homogeneous	3% Glass	97% Non-fibrous (other)	None Detected
10 171202002-0010	Fire Caulk	Red Non-Fibrous Homogeneous	3% Glass	97% Non-fibrous (other)	None Detected
11 171202002-0011	Floor Tile	Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
11A 171202002-0011A	Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
12 171202002-0012	Floor Tile	Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
12A 171202002-0012A	Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
13 171202002-0013	Floor Tile	Pink Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
13A 171202002-0013A	Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
14 171202002-0014	Floor Tile	Pink Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
14A 171202002-0014A	Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
15 171202002-0015	Floor Tile	Grayish Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
15A 171202002-0015A	Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
16 171202002-0016	Floor Tile	Grayish Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
16A 171202002-0016A	Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
17 171202002-0017	Floor Tile	Beige Non-Fibrous Homogeneous		96% Non-fibrous (other)	4% Chrysotile
17A 171202002-0017A	Mastic	Black Non-Fibrous Homogeneous		92% Non-fibrous (other)	8% Chrysotile

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Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
18 171202002-0018	Floor Tile				Stop Positive (Not Analyzed)
18A 171202002-0018A	Mastic				Stop Positive (Not Analyzed)
19 171202002-0019	Sheet Vinyl	Gray/Beige Fibrous Heterogeneous	15% Synthetic 5% Cellulose 5% Glass	75% Non-fibrous (other)	None Detected
19A 171202002-0019A	Mastic	Cream Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
20 171202002-0020	Sheet Vinyl	Gray/Beige Fibrous Heterogeneous	5% Cellulose 15% Synthetic 5% Glass	75% Non-fibrous (other)	None Detected
20A 171202002-0020A	Mastic	Cream Non-Fibrous Homogeneous	<1% Synthetic	100% Non-fibrous (other)	None Detected
21 171202002-0021	Wallpaper	Tan/Beige Fibrous Heterogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
21A 171202002-0021A	Mastic				Insufficient Material

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Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
22 171202002-0022	Wallpaper	Tan/Beige Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
22A 171202002-0022A	Mastic				Insufficient Material
23 171202002-0023	Baseboard	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
23A 171202002-0023A	Mastic	Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
24 171202002-0024	Baseboard	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
24A 171202002-0024A	Mastic	Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
25 171202002-0025	Baseboard	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
25A 171202002-0025A	Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
26 171202002-0026	Baseboard	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
26A 171202002-0026A	Mastic	Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
27 171202002-0027	Baseboard	Red/Purple Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
27A 171202002-0027A	Mastic	Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
28 171202002-0028	Baseboard	Red/Purple Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
28A 171202002-0028A	Mastic	Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
29 171202002-0029	Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
30 171202002-0030	Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos	
			% Fibrous	% Non-Fibrous	% Type	
31 171202002-0031	A/C Duct Mastic	Black Non-Fibrous Homogeneous		94% Non-fibrous (other)	6% Chrysotile	
32 171202002-0032	A/C Duct Mastic				Stop Positive (Not Analyzed)	
33 171202002-0033	A/C Duct Mastic	White Non-Fibrous Homogeneous	5% Wollastonite	95% Non-fibrous (other)	None Detected	
34 171202002-0034	A/C Duct Mastic	White Non-Fibrous Homogeneous	5% Wollastonite	95% Non-fibrous (other)	None Detected	
35 171202002-0035	A/C Duct Insulation	Black/Pink Fibrous Heterogeneous	97% Glass	3% Non-fibrous (other)	None Detected	
36 171202002-0036	A/C Duct Insulation	Black/Pink Fibrous Heterogeneous	97% Glass	3% Non-fibrous (other)	None Detected	
37 171202002-0037	A/C Duct Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected	
38 171202002-0038	Mastic	Brown Non-Fibrous Homogeneous	<1% Wollastonite	100% Non-fibrous (other)	None Detected	

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Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

171202002

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PHONE: (305) 650-0577
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Company: PSI, Miami		EMSL-Bill to: <input type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 7950 NW 64th Street		Third Party Billing requires written authorization from third party	
City: Miami	State/Province: Fla	Zip/Postal Code:	Country:
Report To (Name): Glenn Pothorst		Fax #:	
Telephone #: 786-236-0102		Email Address:	
Project Name/Number: Monroe County Historic Courthouse - 3rd Floor - Phase I - 0552903			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Purchase Order:		U.S. State Samples Taken:	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input checked="" type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
*For TEM Air 3 hr through 6 hr, please call ahead to schedule. There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.			
PCM - Air <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other:	
<input checked="" type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: Manuel Pothorst + K.C.		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1-38	Building Materials	B	4/17/2012
	"Analyze what's only in the asbestos sheet."		
Client Sample # (s):		Total # of Samples:	
Relinquished (Client):		Date:	Time:
Received (Lab): AK-EMSL - FEDEX		Date: 04/18/12	Time: 10 AM
Comments/Special Instructions: * First Stop Positive *			

**EMSL Analytical, Inc.**

19501 NE 10th Ave. Bay A, N. Miami Beach, FL 33179

Phone/Fax: (305) 650-0577 / (305) 650-0578

<http://www.emsl.com>miamilab@emsl.com

EMSL Order: 171202028

CustomerID: PSI59

CustomerPO:

ProjectID:

Attn: **Glenn Potharst**
PSI (Miami)
7950 NW 64th St.
Miami, FL 33166

Phone: (305) 471-7721
Fax: (305) 593-1915
Received: 04/19/12 10:15 AM
Analysis Date: 4/19/2012
Collected: 4/18/2012

Project: **Manatee Courthouse - 3rd Floor - Phase 1 - 0552903****Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy**

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
39 171202028-0001	Concrete	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
40 171202028-0002	Concrete	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
41 171202028-0003	Floor Tile	Green Non-Fibrous Homogeneous		97% Non-fibrous (other)	3% Chrysotile
41A 171202028-0003A	Mastic	Black Non-Fibrous Homogeneous		95% Non-fibrous (other)	5% Chrysotile
42 171202028-0004	Floor Tile				Stop Positive (Not Analyzed)
42A 171202028-0004A	Mastic				Stop Positive (Not Analyzed)
43 171202028-0005	Tile	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
43A 171202028-0005A	Grout	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Kim Wallace (43)

Kimberly Wallace, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. N. Miami Beach, FL NVLAP Lab Code 200204-0

Initial report from 04/19/2012 17:41:05

**EMSL Analytical, Inc.**

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Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
43B 171202028-0005B	Thin Set	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
44 171202028-0006	Tile	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
44A 171202028-0006A	Grout	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
44B 171202028-0006B	Thin Set	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
45 171202028-0007	Liquid Nail	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
46 171202028-0008	Caulk	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
47 171202028-0009	Insulation	Brown Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
48 171202028-0010	Insulation	Brown Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected

Analyst(s)

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Samples analyzed by EMSL Analytical, Inc. N. Miami Beach, FL NVLAP Lab Code 200204-0

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Project: **Manatee Courthouse - 3rd Floor - Phase 1 - 0552903**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
49 171202028-0011	Insulation	Brown Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
50 171202028-0012	Block	White Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (other)	None Detected
51 171202028-0013	Block	White Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (other)	None Detected
52 171202028-0014	Vapor Barrier	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
53 171202028-0015	Vapor Barrier	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
54 171202028-0016	Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
55 171202028-0017	Plaster	Peach Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
56 171202028-0018	Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
57 171202028-0019	Drywall	White/Orange Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
57A 171202028-0019A	Drywall	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
58 171202028-0020	Drywall	White Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
58A 171202028-0020A	Drywall	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
59 171202028-0021	Insulation	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
59A 171202028-0021A	Mastic	Black Non-Fibrous Homogeneous		97% Non-fibrous (other)	3% Chrysotile
60 171202028-0022	Insulation	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
60A 171202028-0022A	Mastic				Stop Positive (Not Analyzed)

Analyst(s)

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Samples analyzed by EMSL Analytical, Inc. N. Miami Beach, FL NVLAP Lab Code 200204-0

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Received: 04/19/12 10:15 AM
Analysis Date: 4/19/2012
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Project: **Manatee Courthouse - 3rd Floor - Phase 1 - 0552903****Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy**

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
61 171202028-0023	Wrap	White Fibrous Homogeneous	100% Cellulose	0% Non-fibrous (other)	None Detected
61A 171202028-0023A	Insulation	White Fibrous Homogeneous		90% Non-fibrous (other)	10% Chrysotile
62 171202028-0024	Wrap	White Fibrous Homogeneous	100% Cellulose	0% Non-fibrous (other)	None Detected
62A 171202028-0024A	Insulation				Stop Positive (Not Analyzed)
63 171202028-0025	Insulation	Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
63A 171202028-0025A	Mastic	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
64 171202028-0026	Insulation	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
64A 171202028-0026A	Mastic	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

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Samples analyzed by EMSL Analytical, Inc. N. Miami Beach, FL NVLAP Lab Code 200204-0

Initial report from 04/19/2012 17:41:05

**EMSL Analytical, Inc.**

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EMSL Order: 171202028

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Attn: **Glenn Potharst**
PSI (Miami)
7950 NW 64th St.
Miami, FL 33166

Phone: (305) 471-7721
Fax: (305) 593-1915
Received: 04/19/12 10:15 AM
Analysis Date: 4/19/2012
Collected: 4/18/2012

Project: **Manatee Courthouse - 3rd Floor - Phase 1 - 0552903****Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy**

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
65 171202028-0027	Insulation	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
65A 171202028-0027A	Mastic	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
66 171202028-0028	Insulation	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
66A 171202028-0028A	Mastic	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
67 171202028-0029	A/C Damper	Black Fibrous Homogeneous	20% Synthetic	80% Non-fibrous (other)	None Detected
68 171202028-0030	A/C Damper	White Fibrous Homogeneous	30% Glass	70% Non-fibrous (other)	None Detected
69 171202028-0031	Pipe Mastic	Black Non-Fibrous Homogeneous		97% Non-fibrous (other)	3% Chrysotile
70 171202028-0032	Pipe Mastic				Stop Positive (Not Analyzed)

Analyst(s)

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or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. N. Miami Beach, FL NVLAP Lab Code 200204-0

Initial report from 04/19/2012 17:41:05



EMSL ANALYTICAL, INC.
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Asbestos Chain of Custody
EMSL Order Number (Lab Use Only):

EMSL Order Number (Lab Use Only)

EMSL ANALYTICAL, INC.
19501 NE 10TH AVE BAY A
NORTH MIAMI BEACH FL 33179
PHONE: (305) 650-0577
FAX: (305) 650-0576

171202028

FAX: (305) 650-0576

Company: PSI, Miami		EMSL-Bill to: <input type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 7950 NW 64th Street		Third Party Billing requires written authorization from third party	
City: Miami State/Province: Fla		Zip/Postal Code:	Country:
Report To (Name): Glenn Rothorst		Fax #:	Email Address:
Telephone #: 786-236-0102			
Project Name/Number: Manatee Courthouse - 3rd Floor - Phase 1 - 0552903		U.S. State Samples Taken:	
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Purchase Order:			
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.			
PCM - Air		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only)	
<input type="checkbox"/> NIOSH 7400		<input type="checkbox"/> AHERA 40 CFR, Part 763	
<input type="checkbox"/> w/ OSHA 8hr. TWA		<input type="checkbox"/> NIOSH 7402	
PLM - Bulk (reporting limit)		<input type="checkbox"/> EPA Level II	
<input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%)		<input type="checkbox"/> ISO 10312	
<input type="checkbox"/> PLM EPA NOB (<1%)		TEM - Bulk	
Point Count		<input type="checkbox"/> TEM EPA NOB	
<input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)		<input type="checkbox"/> NYS NOB 198.4 (non-friable-NY)	
Point Count w/Gravimetric		<input type="checkbox"/> Chatfield SOP	
<input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)		<input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5	
<input type="checkbox"/> NYS 198.1 (friable in NY)		TEM - Water: EPA 100.2	
<input type="checkbox"/> NYS 198.6 NOB (non-friable-NY)		Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
<input type="checkbox"/> NIOSH 9002 (<1%)		All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
<input checked="" type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: Manuel Rojas		Samplers Signature: [Signature]	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
39-70	Building Materials	B	4/18/12
	"Analyze what's only in the asbestos sheet."		
Client Sample # (s):		Total # of Samples:	
Relinquished (Client):		Date: 04/19/12 Time: 10:15 AM	
Received (Lab): AK-EMSL-FEREX		Date: 04/19/12 Time: 10:15 AM	
Comments/Special Instructions: * First Stop Positive *			

ASBESTOS BULK SAMPLE LOG

Homogeneous Area	Sample Number	Material Description	Sample Location	Approximate Quantity	% Asbestos Type	NESHAP Category	Comments
1	1	Terrazo Flooring	North Area	11,900'sg			
1	2		Middle West Court Room				
2	3	Black Floor Mastic	North Area	8,900'sg			
2	4		Middle East Room				
3	5	Yellow Carpet Mastic	N.E. Court Room	6,800'sg			
3	6		Middle West Court Room				
4	7	White Window Caulk	Northwest Area	600' Linear			
4	8		Southeast Court Room				
5	9	Red Fire Caulk	North Room	600' Linear			

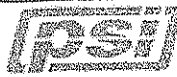
ASBESTOS BULK SAMPLE LOG

Homogeneous Area	Sample Number	Material Description	Sample Location	Approximate Quantity	% Asbestos Type	NESHAP Category	Comments
5	10	Red Fire Caulk	Southeast Wall				
6	11	12"x12" Beige Ft. + yellow Mastic (upper layer)	Northeast Hallway	2,500 ^{sq} _{ft}			
6	12	↓	South Hallway				
7	13	12"x12" Pink Ft. + yellow Mastic (upper layer)	North Hallway	500 ^{sq} _{ft}			
7	14	↓	South Hallway				
8	15	12"x12" Lite Gray Ft. + yellow Mastic (upper layer)	Northeast Room	110 ^{sq} _{ft}			
8	16	↓	North east Room				
⑨	17	12"x12" Beige Ft. + Black Mastic (Lower layer)	Northwest Hallway	2,500 ^{sq} _{ft}			
⑨	18	↓	South Hallway				

Plan of ceiling above 2nd floor - 11/18/82

ASBESTOS BULK SAMPLE LOG

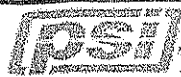
Homogeneous Area	Sample Number	Material Description	Sample Location	Approximate Quantity	% Asbestos Type	NESHAP Category	Comments
10	19	Sheet Vinyl w mastic	Southeast Restroom	200'sg			
10	20	↓	Southwest Restroom				
11	21	Wall Paper + Mastic	Southeast Restroom	800'sg			
11	22	↓	Southwest Restroom				
12	23	Black baseboard + Mastic	Middle West Court room	600'lineal			
12	24	↓	Northwest Hallway				
13	25	Tan baseboard + Mastic	Northeast Office	30'lineal			
14	26	Gray baseboard + Mastic	Northeast Office	30'lineal			
15	27	Burgandy baseboard + Mastic	Northwest Courtroom	990'lineal			



Information
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ASBESTOS BULK SAMPLE LOG

Homogeneous Area	Sample Number	Material Description	Sample Location	Approximate Quantity	% Asbestos Type	NESHAP Category	Comments
15	28	Burgandy Baseboard + Mastic	North Hallway				
16	29	Tan Mastic w/out baseboard	Northwest Area	80'lineal			
17	30	Black Mastic w/out baseboard	North Area	240'lineal			
(18)	31	Black A/C Duct Mastic	Middle East Court room	30'sq'			
(18)	32		Middle Hallway				Remaining "Spots" on the Metal A/C duct
19	33	White A/C Duct Mastic	Middle East Court room	1,150'lineal			
19	34		Middle West Court room				
20	35	Black & Pink A/C Duct Interior Insulation	Middle West Court room	1,100'sq'			This material is inside the A/C duct.
21	36		Middle East Court room				



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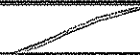

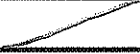

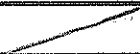
ASBESTOS BULK SAMPLE LOG

Homogeneous Area	Sample Number	Material Description	Sample Location	Approximate Quantity	% Asbestos Type	NESHAP Category	Comments
22	37	Tan A/C Duct Mastic	North Hallway	10'sq'			
23	38	Dark Brown Mastic w/out baseboard	Northeast Room	60'Linear			
24	39	Bare Concrete	New A/C Room	200'sq			
24	40		New A/C Room				
(25)	41	12"x12" Life Green Flt. + Black Mastic	South Stairs Landing	300'sq			
(25)	42		North Stairs Landing				
26	43	1"x1" Tile w/ Grout + Thinset (Multicolor)	Men Restroom	800'sq			
26	44		Southeast Hallway				
27	45	Liquid Nail	South Hallway	2000'sq			3' feet Design Panel (Hallway + Courtroom) "non asbestos suspect" - one sample = only



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ASBESTOS BULK SAMPLE LOG

Homogeneous Area	Sample Number	Material Description	Sample Location	Approximate Quantity	% Asbestos Type	NESHAP Category	Comments
28	46	Wood Trim Caulk	Hallway	820'sg			All around the wood work Non asbestos suspect, collect one sample
29	47	Wall Insulation	Middle West Courtroom	13,000'sg			
29	48		Middle Hallway				
29	49		Southwest Hallway				
30	50		Middle Hallway	6,500'sg			
31	51		Northeast Area				
32	52		Middle West Court room	16,400'sg			
32	53		Middle East Court room				
33	54	Ceiling	Northeast Wall	21,500'sg			
		White Plaster over Peach Coat					

ASBESTOS BULK SAMPLE LOG

Homogeneous Area	Sample Number	Material Description	Sample Location	Approximate Quantity	% Asbestos Type	NESHAP Category	Comments
33	55	Wall White Plaster over Coat	Middle East Wall				
33	56		Middle Hallway				
34	57	Drywall Mud + Tape	Northwest Hallway	12,560'sy			
34	58		Center Hallway				
(35)	59	4" Stink Rock Pipe Insulation w/ black Mastic	Center East Courtroom	120' Lineal			
(35)	60		Hallway west Side				
(36)	61	2" White Rap w/ Pipe Insulation	Center East Courtroom	120' Lineal			
(36)	62		Middle (West Hallway Side)				
37	63	4" Stink Rock Pipe Insulation w/ White Mastic	Southeast AK Room	500' Lineal			

ASBESTOS BULK SAMPLE LOG

Homogeneous Area	Sample Number	Material Description	Sample Location	Approximate Quantity	% Asbestos Type	NESHAP Category	Comments
38	64	4" Stink Rock Pipe Insulation w/ White Mastic	South Hallway A/C Room				
39	65	4" Yellow Fiberglass Pipe Insulation w/ White Mastic	Southeast A/C Room	500' lineal			
39	66		South Hallway A/C Room				
40	67	Black A/C Damper	Middle East Court Room	16' sq			
40	68	White A/C Damper	Southwest Hallway A/C Room	30' sq			
(41)	69	Black Pipe Mastic	Steel Cast A/C Lines - North Side Hallway	950' lineal			
(41)	70		Steel Cast A/C Lines - South Side Hallway				
		South Side is Next					

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EMSL Order: 171202026

CustomerID: PSI59

CustomerPO:

ProjectID:

Attn: **Glenn Potharst**
PSI (Miami)
7950 NW 64th St.
Miami, FL 33166

Phone: (305) 471-7721
Fax: (305) 593-1915
Received: 04/19/12 10:15 AM
Analysis Date: 4/19/2012
Collected: 4/18/2012

Project: **Manatee Courthouse - 3rd Floor - Phase II - 0552903****Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy**

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
71 171202026-0001	Concrete Floor Deck	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
72 171202026-0002	Concrete Floor Deck	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
73 171202026-0003	Concrete Ceiling Deck	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
74 171202026-0004	Concrete Ceiling Deck	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
75 171202026-0005	A/C Duct Mastic	Black Non-Fibrous Homogeneous		91% Non-fibrous (other)	9% Chrysotile
76 171202026-0006	A/C Duct Mastic				Stop Positive (Not Analyzed)
77 171202026-0007	A/C Duct Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
78 171202026-0008	A/C Duct Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Natasha Montoya (39)

Kimberly Wallace, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. N. Miami Beach, FL NVLAP Lab Code 200204-0

Initial report from 04/19/2012 17:44:25

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Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
79 171202026-0009	Baseboard	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
79A 171202026-0009A	Mastic	Brown Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
80 171202026-0010	Baseboard	Red/Purple Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
80A 171202026-0010A	Mastic	Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
81 171202026-0011	Plaster	Gray/Tan Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
81A 171202026-0011A	Coat	Gray Non-Fibrous Homogeneous	<1% Glass	100% Non-fibrous (other)	None Detected
82 171202026-0012	Plaster	Gray/Tan Fibrous Heterogeneous	20% Cellulose <1% Glass	80% Non-fibrous (other)	None Detected
82A 171202026-0012A	Coat	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
83 171202026-0013	Plaster	Gray/Tan Fibrous Heterogeneous	20% Cellulose <1% Glass	80% Non-fibrous (other)	None Detected
83A 171202026-0013A	Coat	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
84 171202026-0014	Block	White Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
85 171202026-0015	Block	White Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
86 171202026-0016	Carpet Mastic	Yellow Non-Fibrous Homogeneous	<1% Synthetic	100% Non-fibrous (other)	None Detected
87 171202026-0017	Carpet Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
88 171202026-0018	Sheet Vinyl Flooring	Gray/Beige Fibrous Heterogeneous	5% Cellulose 20% Synthetic 5% Glass	70% Non-fibrous (other)	None Detected
89 171202026-0019	Wallpaper	Tan/White Fibrous Heterogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
90 171202026-0020	Drywall	Gray/Tan Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
90A 171202026-0020A	Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
91 171202026-0021	Drywall	Gray/Tan Fibrous Heterogeneous	10% Cellulose <1% Glass	90% Non-fibrous (other)	None Detected
91A 171202026-0021A	Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
92 171202026-0022	Caulk	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
93 171202026-0023	Fire Caulk	Red Non-Fibrous Homogeneous	<1% Glass	100% Non-fibrous (other)	None Detected
94 171202026-0024	Liquid Nail	Yellow Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
95 171202026-0025	Sink Undercoat	Black Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile

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Project: **Manatee Courthouse - 3rd Floor - Phase II - 0552903****Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy**

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
96 171202026-0026	Vapor Barrier	Black Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
97 171202026-0027	Floor Tile	Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
97A 171202026-0027A	Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
98 171202026-0028	Floor Tile	Pink Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
98A 171202026-0028A	Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
99 171202026-0029	Floor Tile	Green Non-Fibrous Homogeneous		97% Non-fibrous (other)	3% Chrysotile
99A 171202026-0029A	Mastic	Black Non-Fibrous Homogeneous		93% Non-fibrous (other)	7% Chrysotile
100 171202026-0030	Insulation	Tan Fibrous Homogeneous	100% Cellulose	0% Non-fibrous (other)	None Detected

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Samples analyzed by EMSL Analytical, Inc. N. Miami Beach, FL NVLAP Lab Code 200204-0

Initial report from 04/19/2012 17:44:25



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

171202026

EMSL ANALYTICAL, INC.
19501 NE 10th AVE BAY A
NORTH MIAMI BEACH FL 33179

PHONE: (305) 650-0577

FAX: (305) 650-0576

Company: PSI, Miami		EMSL-Bill to: <input type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 7950 NW 64th Street		Third Party Billing requires written authorization from third party	
City: Miami	State/Province: Fla	Zip/Postal Code:	Country:
Report To (Name): Glenn Pothorst		Fax #:	
Telephone #: 786-236-0102		Email Address:	
Project Name/Number: Monter Court House: 3rd Floor - Phase II 0552903			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Purchase Order:		U.S. State Samples Taken:	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PCM - Air <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)	TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	TEM- Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other: <input type="checkbox"/>
---	--	--

☒ Check For Positive Stop - Clearly Identify Homogenous Group

Samplers Name: Manuel Pothorst	Samplers Signature:
---------------------------------------	---------------------

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
71-100	Building Materials	B	4/18/12
<div style="border: 1px solid black; border-radius: 50%; padding: 20px; text-align: center;"> <p>"Analyze what's only in the asbestos sheet."</p> </div>			

Client Sample # (s):	Total # of Samples:		
Relinquished (Client):	Date:	Time:	
Received (Lab): AK-EMSL-TOX	Date: 4/18/12	Time: 10:15AM	
Comments/Special Instructions: * First Stop Positive *			



Information
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ASBESTOS BULK SAMPLE LOG

Homogeneous Area	Sample Number	Material Description	Sample Location	Approximate Quantity	% Asbestos Type	NESHAP Category	Comments
42	71			8000'sq			
		Bare Concrete Floor Deck	Southeast Room				
42	72						
			South middle Courtroom				
43	73			3000'sq			
		Bare Concrete Ceiling Deck	Southeast Room				
43	74						
			South Middle Courtroom				
44	75			100'sq			
		Black A/C Duct Mastic	Southeast Room				
44	76						
			South Middle Room				
45	77			105'sq			
		Tom A/C Duct Mastic	South Center Courtroom				
45	78						
			South Hallway				
46	79			90' Linear			
		Black Baseboard w/ Mastic	Southeast Hallway	Non asbestos suspect - same as the other Phase I - Confirmation Sample			

ASBESTOS BULK SAMPLE LOG

Homogeneous Area	Sample Number	Material Description	Sample Location	Approximate Quantity	% Asbestos Type	NESHAP Category	Comments
47	80	Burgundy Baseboard w/ Mastic	Northeast Office	190' linear			Non asbestos suspect material - same as the Phase I - Confirmation Sample
48	81	Wall Plaster over Gray Cat	South Room	9000'sg			
48	82		South East Hallway				
48	83		Southwest Wall				
49	84	Pyrobar Block	South Room	5'500'sg			
49	85		South Center Hallway				
50	86	Yellow Carpet Mastic	South East Room	7000'sg			
50	87		Southwest Office				
51	88	Sheet Vinyl/Flooring	Southwest Restroom	120'sg			Same as the other North Side Confirmation Sample

ASBESTOS BULK SAMPLE LOG

Homogeneous Area	Sample Number	Material Description	Sample Location	Approximate Quantity	% Asbestos Type	NESHAP Category	Comments
52	89	Wall Paper	Southwest Restroom	720 sq			Same as the other side - Confirmation Sample
53	90	Drywall Mud + Tape	Southwest Courtroom	13,000 sq			
53	91		South Hallway				
54	92	White Window Caulk	Southwest Courtroom	600 Linear			Same material as the other side Confirmation Sample
55	93	Red Fire Caulk	Southeast Room	600 Linear			
56	94	Liquid Nail	Hallway	6,000 sq			Non asbestos suspect material - Same as the other side - Confirmation sample
57	95	Black Sink Undercoat	Southeast Room	4' sq			
58	96	Black Vapor Barrier	South Wall	1,800 sq			
59	97	12" x 12" Beige Ft. + Yellow Mastic (upper layer)	Hallway	500' sq			Confirmation Sample - Same as the other phase - (Side)

ASBESTOS BULK SAMPLE LOG

Homogeneous Area	Sample Number	Material Description	Sample Location	Approximate Quantity	% Asbestos Type	NESHAP Category	Comments
60	98	12"x12" Pink Ft + Yellow Mastic (Upper Layer)	Hallway	150'sg			Confirmation Sample - Same as the other Side - (Phase-or-North Side)
61	99	12"x12" Lite Green Ft + Black Mastic - (Lower Layer)	South Center Courtroom	4,000'sg			Confirmation Sample - Same as the other side - (North Side)
62	100	Wall Interior Insulation	South Hallway	13,000'sg			Confirmation Sample - Same as the other side (North Side)
63	101	Gray A/C Duct Mastic	Southwest Courtroom	60'sg			
64	102	Black Stink Rock & White Mastic	Southwest A/C Room	80' Lined			Same type as the other side. (North Side)
65	103	Blank & Yellow A/C Duct Interior Insulation	South Center Courtroom	4,500'sg			
66	104	Tom Caulk	South Hallway	100'sg			
67	105	Black Mastic	Steel Cast Pipe - Hallway	300' Lined			Confirmation Sample - Same as the other side (North Side)

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<http://www.emsl.com>miamilab@emsl.com

EMSL Order: 171202068

CustomerID: PSI59

CustomerPO:

ProjectID:

Attn: **Glenn Potharst**
PSI (Miami)
7950 NW 64th St.
Miami, FL 33166

Phone: (305) 471-7721
Fax: (305) 593-1915
Received: 04/23/12 8:00 AM
Analysis Date: 4/23/2012
Collected:

Project: **Manatee Courthouse - Mezzanine PR#0552903****Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy**

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
1 171202068-0001	Ceiling Tile	Gray/White Fibrous Heterogeneous	55% Cellulose 5% Glass	40% Non-fibrous (other)	None Detected
2 171202068-0002	Ceiling Tile	Gray/White Fibrous Heterogeneous	55% Cellulose 5% Glass	40% Non-fibrous (other)	None Detected
3 171202068-0003	Ceiling Tile	Gray/White Fibrous Heterogeneous	55% Cellulose 5% Glass	40% Non-fibrous (other)	None Detected
4 171202068-0004	Drywall	Gray/Tan Fibrous Heterogeneous	20% Cellulose <1% Glass	80% Non-fibrous (other)	None Detected
4A 171202068-0004A	Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5 171202068-0005	Drywall	Gray/Tan Fibrous Heterogeneous	15% Cellulose <1% Glass	85% Non-fibrous (other)	None Detected
5A 171202068-0005A	Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
6 171202068-0006	Drywall	Gray/Tan Fibrous Heterogeneous	15% Cellulose <1% Glass	85% Non-fibrous (other)	None Detected

Analyst(s)

Natasha Montoya (46)

Kimberly Wallace, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. N. Miami Beach, FL NVLAP Lab Code 200204-0

Initial report from 04/23/2012 15:13:56

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Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
6A 171202068-0006A	Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
7 171202068-0007	Vinyl Flooring	Gray/Beige Fibrous Heterogeneous	15% Cellulose 5% Glass 2% Wollastonite	78% Non-fibrous (other)	None Detected
8 171202068-0008	Carpet Mastic	Black/Yellow Non-Fibrous Heterogeneous	2% Cellulose	93% Non-fibrous (other)	5% Chrysotile
9 171202068-0009	Carpet Mastic				Stop Positive (Not Analyzed)
10 171202068-0010	Plaster	White Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
10A 171202068-0010A	Plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
11 171202068-0011	Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
11A 171202068-0011A	Plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
12 171202068-0012	Caulk	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
13 171202068-0013	Baseboard	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
13A 171202068-0013A	Mastic	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
14 171202068-0014	Baseboard	Red/Purple Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
14A 171202068-0014A	Mastic	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
15 171202068-0015	Carpet Glue	Yellow/Green Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
15A 171202068-0015A	Leveling Compound	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
15B 171202068-0015B	Mastic	Black Non-Fibrous Homogeneous		94% Non-fibrous (other)	6% Chrysotile

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Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
16 171202068-0016	Carpet Glue	Yellow/Green Non-Fibrous Heterogeneous	<1% Synthetic	100% Non-fibrous (other)	None Detected
16A 171202068-0016A	Leveling Compound	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
16B 171202068-0016B	Mastic				Stop Positive (Not Analyzed)
17 171202068-0017	Pyrobar Block	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
18 171202068-0018	Pipe Mastic Insulation	White/Yellow Fibrous Heterogeneous	45% Glass <1% Synthetic 2% Cellulose	53% Non-fibrous (other)	None Detected
19 171202068-0019	Insulation	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
19A 171202068-0019A	Mastic	Black Non-Fibrous Homogeneous		85% Non-fibrous (other)	15% Chrysotile
20 171202068-0020	Insulation	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
20A 171202068-0020A	Foil	White/Silver Fibrous Heterogeneous	50% Cellulose	50% Non-fibrous (other)	None Detected
20B 171202068-0020B	Mastic				Stop Positive (Not Analyzed)
21 171202068-0021	Insulation	White Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
21A 171202068-0021A	Mastic	White Non-Fibrous Homogeneous	5% Synthetic	95% Non-fibrous (other)	None Detected
22 171202068-0022	A/C Dampener	Black Non-Fibrous Homogeneous	30% Glass	70% Non-fibrous (other)	None Detected
23 171202068-0023	A/C Mastic	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
23A 171202068-0023A	A/C Mastic	White Non-Fibrous Homogeneous	<1% Synthetic	100% Non-fibrous (other)	None Detected
24 171202068-0024	A/C Mastic	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
25 171202068-0025	Insulation	Yellow Fibrous Heterogeneous	65% Glass 2% Cellulose	33% Non-fibrous (other)	None Detected
26 171202068-0026	Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
27 171202068-0027	Vapor Barrier	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
28 171202068-0028	Plaster	Peach Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
29 171202068-0029	Plaster	Peach Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
30 171202068-0030	Floor Tile	Green Non-Fibrous Homogeneous		97% Non-fibrous (other)	3% Chrysotile
30A 171202068-0030A	Carpet Mastic	Yellow Non-Fibrous Homogeneous	<1% Synthetic	100% Non-fibrous (other)	None Detected
30B 171202068-0030B	Mastic	Black Non-Fibrous Homogeneous		95% Non-fibrous (other)	5% Chrysotile

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Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
31 171202068-0031	Floor Tile				Stop Positive (Not Analyzed)
31A 171202068-0031A	Carpet Mastic	Yellow Non-Fibrous Homogeneous	<1% Synthetic	100% Non-fibrous (other)	None Detected
31B 171202068-0031B	Mastic				Stop Positive (Not Analyzed)

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EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

171202068

EMSL ANALYTICAL, INC.
19501 NE 10th AVE BAY A
NORTH MIAMI BEACH FL 33179
PHONE: (305) 650-0577
FAX: (305) 650-0578

Company: **PSI, Miami**
 Street: **7950 NW 64th Street**
 City: **Miami** State/Province: **Fla**
 Report To (Name): **Glenn Potharst** Zip/Postal Code: Country:
 Telephone #: **786-236-0102** Fax #:
 Project Name/Number: **Manatee Courthouse - Mezzanine PR#0552903** Email Address:
 Please Provide Results: ☐ Fax ☒ Email ☐ Purchase Order

Turnaround Time (TAT) Options* - Please Check
☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week
 *For TEM Air 3 hr through 6 hr, please call ahead to schedule. There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PCM - Air
☐ NIOSH 7400
☐ w/ OSHA 8hr. TWA
PLM - Bulk (reporting limit)
☒ PLM EPA 600/R-93/116 (<1%)
☐ PLM EPA NOB (<1%)
 Point Count
☐ 400 (<0.25%) ☐ 1000 (<0.1%)
 Point Count w/Gravimetric
☐ 400 (<0.25%) ☐ 1000 (<0.1%)
☐ NYS 198.1 (friable in NY)
☐ NYS 198.6 NOB (non-friable-NY)
☐ NIOSH 9002 (<1%)

TEM - Air ☐ 4-4.5hr TAT (AHERA only)
☐ AHERA 40 CFR, Part 763
☐ NIOSH 7402
☐ EPA Level II
☐ ISO 10312

TEM - Bulk
☐ TEM EPA NOB
☐ NYS NOB 198.4 (non-friable-NY)
☐ Chatfield SOP
☐ TEM Mass Analysis-EPA 600 sec. 2.5

TEM - Water: EPA 100.2
 Fibers >10µm ☐ Waste ☐ Drinking
 All Fiber Sizes ☐ Waste ☐ Drinking

TEM - Dust
☐ Microvac - ASTM D 5755
☐ Wipe - ASTM D6480
☐ Carpet Sonication (EPA 600/J-93/167)

Soil/Rock/Vermiculite
☐ PLM CARB 435 - A (0.25% sensitivity)
☐ PLM CARB 435 - B (0.1% sensitivity)
☐ TEM CARB 435 - B (0.1% sensitivity)
☐ TEM CARB 435 - C (0.01% sensitivity)
☐ EPA Protocol (Semi-Quantitative)
☐ EPA Protocol (Quantitative)

Other:

☒ Check For Positive Stop - Clearly Identify Homogenous Group

Samplers Name: **Manuel Rojas** Samplers Signature: *[Signature]*

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1-31	Building Materials	B	4/19/2012
"Analyze what's only in the asbestos sheet."			

Client Sample # (s): Total # of Samples:
 Relinquished (Client): Date: Time:
 Received (Lab): *VU* Date: **4-23-12** Time: **8 AM**
 Comments/Special Instructions: *** First Stop Positive *** **DB**

FF 701 M 226



ASBESTOS BULK SAMPLE LOG

Homogeneous Area	Sample Number	Material Description	Sample Location	Approximate Quantity	% Asbestos Type	NESHAP Category	Comments
1	M 1	2'x2' White Ceiling Tile	Lobby Area	1200'sq.			
M 1	M 2		Room 301				
M 1	M 3		Room 303				
M 2	M 4	Wall Textured Drywall / Joint Compound	Lobby	3000'sq.			
M 2	M 5	Wall	Room 303				
M 2	M 6	Ceiling	Restroom	36'sq.			
M 3	M 7	Sheet Vinyl Flooring	Restroom	36'sq.			
M 4	M 8	Yellow Carpet Mastic over Black Floor Mastic	Room 304	700'sq.			
M 4	M 9		Room 303				



ASBESTOS BULK SAMPLE LOG

Homogeneous Area	Sample Number	Material Description	Sample Location	Approximate Quantity	% Asbestos Type	NESHAP Category	Comments
M5	M10	White over Gray Plaster	Room 301	3000' sq			
M5	M11		Room 303				
M6	M12	White Window Caulk	Lobby	200' lin.			
M7	M13	Black baseboard w/ White Mastic	Lobby	50' lin.			
M8	M14	Burgandy baseboard w/ White Mastic	Room 352	200' lin.			
M9	M15	Green Carpet / Blue / Yellow Carpet / Blue / Leveling Compound / Black Floor Mastic	Lobby	230' sq.			
M9	M16		Lobby entrance				
M10	M17	White Pyrobar Block	Room 302	200' sq.			
M11	M18	White Pipe Mastic Insulation	Room 302	15' lin.			

ASBESTOS BULK SAMPLE LOG

Homogeneous Area	Sample Number	Material Description	Sample Location	Approximate Quantity	% Asbestos Type	NESHAP Category	Comments
M12	M19	4" Black Wrap Stinkrock Insulation w/ Black Mastic	Room 301	50' lin.			
M13	M20	4" Black Stinkrock Insulation w/ Foil and Black Mastic	Room 301	50' lin.			
M14	M21	2" White Cloth Insulation w/ White Mastic	Room 302	10' lin.			
M15	M22	Black A/C Dampener	Room 301	16' lin.			
M16	M23	Light Gray A/C Mastic over White A/C Mastic	Lobby Area	50' sq.			
M17	M24	129 Dark Gray A/C Mastic	Room 301	50' sq.			
M18	M25	130 Interior A/C Duct Insulation	Room 301	300' sq.			
M19	M26	131 White Crown Molding Plaster	Room 301	60' sq.			
M20	M27	132 Black Vapor Barrier	Room 301	200' sq.			

[illegible]

STAFF CERTIFICATIONS

**STATE OF FLORIDA**

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

ASBESTOS LICENSING UNIT
1940 NORTH MONROE STREET
TALLAHASSEE FL 32399-0783

(850) 487-1395

ROTHENBURG, MICHAEL W
1512 S. TRASK ST.
TAMPA FL 33629

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STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND
PROFESSIONAL REGULATION

AC# 5346177

EA0000041 11/17/10 108123520

ASBESTOS CONSULTANT - ENGINEER
ROTHENBURG, MICHAEL WIS LICENSED under the provisions of Ch.469 FS.
Expiration date: NOV 30, 2012 L10111702405

DETACH HERE

AC# 5346177

STATE OF FLORIDADEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
ASBESTOS LICENSING UNIT

SEQ# L10111702405

DATE	BATCH NUMBER	LICENSE NBR
11/17/2010	108123520	EA0000041

The ASBESTOS CONSULTANT - ENGINEER
Named below IS LICENSED
Under the provisions of Chapter 469 FS.
Expiration date: NOV 30, 2012

ROTHENBURG, MICHAEL W
1512 S TRASK ST
TAMPA FL 33629CHARLIE CRIST
GOVERNOR

DISPLAY AS REQUIRED BY LAW

CHARLIE LIEM
SECRETARY



**National Voluntary
Laboratory Accreditation Program**



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

EMSL Analytical, Inc.
Skylake Executive Industrial Park
19501 N.E. 10th Ave., Bay A
N. Miami Beach, FL 33179
Ms. Kimberly A. Wallace
Phone: 305-650-0577 Fax: 305-650-0578
E-Mail: kwallace@emsl.com
URL: <http://www.emsl.com>

BULK ASBESTOS FIBER ANALYSIS (PLM)

NVLAP LAB CODE 200204-0

NVLAP Code Designation / Description

18/A01	EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples
--------	--

2012-04-01 through 2013-03-31

Effective dates

David F. Alderman
For the National Institute of Standards and Technology

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200204-0

EMSL Analytical, Inc.
N. Miami Beach, FL

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

BULK ASBESTOS FIBER ANALYSIS

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2012-04-01 through 2013-03-31

Effective dates



David F. Alderman

For the National Institute of Standards and Technology

Asbestos Consulting & Training Systems

39430.5369CERT/BIR

900 N.W. 5TH Avenue, Fort Lauderdale, Florida 33311 (954) 524-7208

This is to Certify that
Manuel Porras



7950 NW 64th Street , Miami, FL

has successfully completed an English
Asbestos Building Inspection Refresher

10-Jun-11

TO

10-Jun-11

Individual above has completed the requisite training for accreditation under TSCA Title II

Meets state requirements of 326 IAC (IDEM) and FL49-0001020/CN-0006273.

NDAAC Provider #451

Trainer(s): James F. Stump

Training Address: 900 Northwest Fifth Ave., Fort Lauderdale, FL, 33311

Successful course completion based on exam score on: 06/10/11

This Certificate Expires:

9-Jun-12



Processed By:

Seagull

To Authenticate Certificate:

www.seagulltraining.com

1-800-966-9933

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR MAKING OR
SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR
REPRESENTATIONS (18 U.S.C. 1001 AND 11 U.S.C. 15), I
CERTIFY THAT THIS TRAINING COMPLIES WITH ALL APPLICABLE
REQUIREMENTS OF TITLE 40 OF THE "TOXIC SUBSTANCES
CONTROL ACT", 40 CFR PART 745 OR 763, AND ANY OTHER
APPLICABLE FEDERAL, STATE OR LOCAL REGULATIONS, AS
AMENDED.

James F. Stump, Course Sponsor

Certificate Number.....



Course Number SE1123



M·E·T·A
Mayhew Environmental Training Associates
INCORPORATED

Certificate # 7ME12051101AI00008

This is to certify that

Kevin Callahan

has on 12/7/11, in Orlando, FL

completed the requirements for asbestos accreditation under Section 206 of TSCA Title II, 15 U.S.C. 2646

AHERA Asbestos Inspector Training

as approved by the State of Florida and the U.S.E.P.A. under 40 C.F.R. 763 (AHERA)

on 12/5/11 - 12/7/11 and passed the associated examination on 12/7/11

with a score of 70% or better

CM = 3.0



Provider #: FL49-0001221

Course #: FL49-0002839

Soc. Sec #: XXX-XX-0172

Accreditation Expires: 12/7/12

William Z. Young
Instructor
Bill Young

Thomas Bradford Mayhew
President
Thomas Bradford Mayhew

META - P.O. Box 786 - Lawrence KS 66044 - 800-444-6382

FIELD DRAWINGS WITH SAMPLE LOCATIONS

SUBJECT Mezzanine

PROJECT No. 0552903

CALCULATED BY M.P.

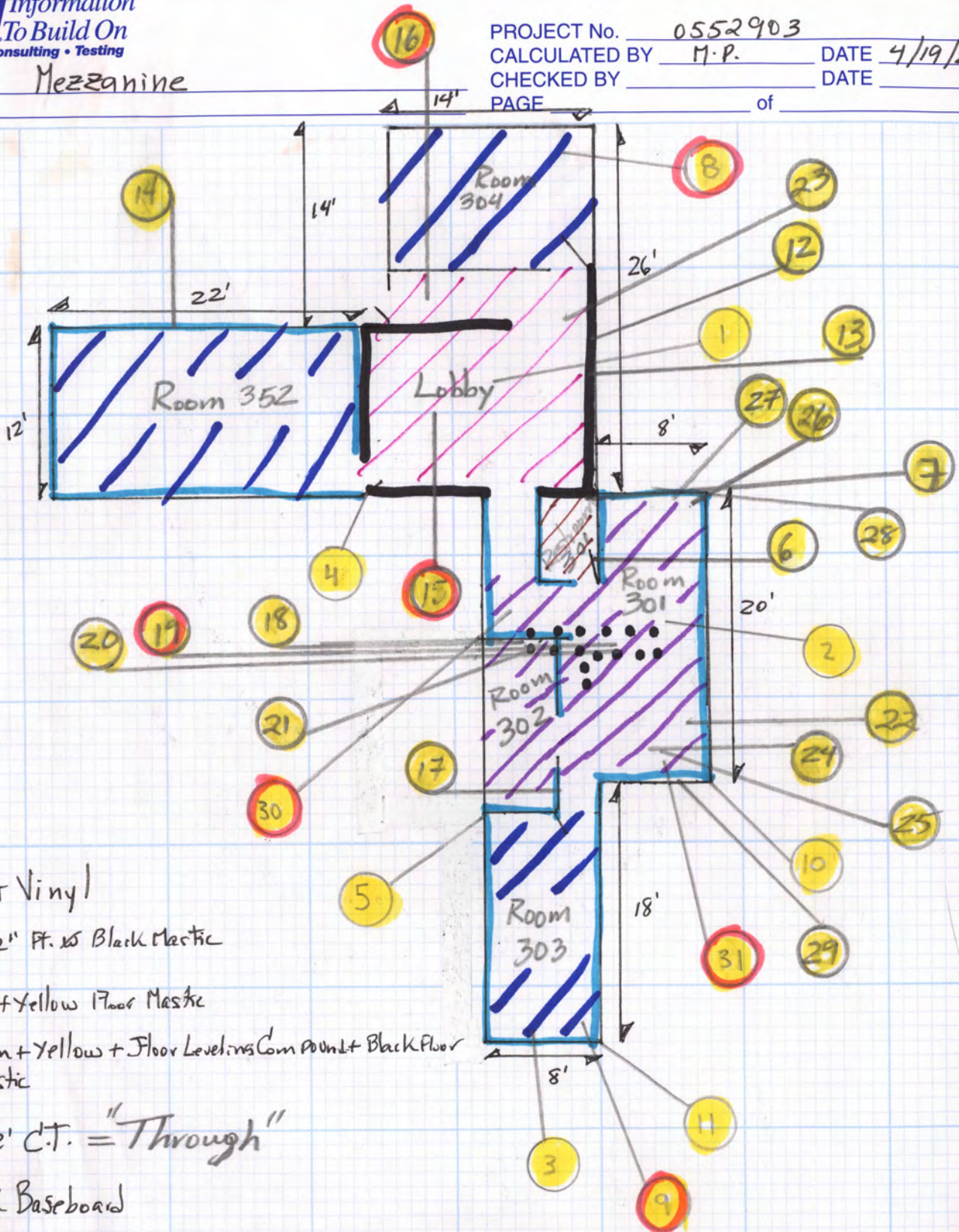
DATE 4/19/2012

CHECKED BY

DATE

PAGE

of



Sheet Vinyl

12"x12" Ft. w Black Mastic

Black + Yellow Floor Mastic

Green + Yellow + Floor Leveling Compound + Black Floor Mastic

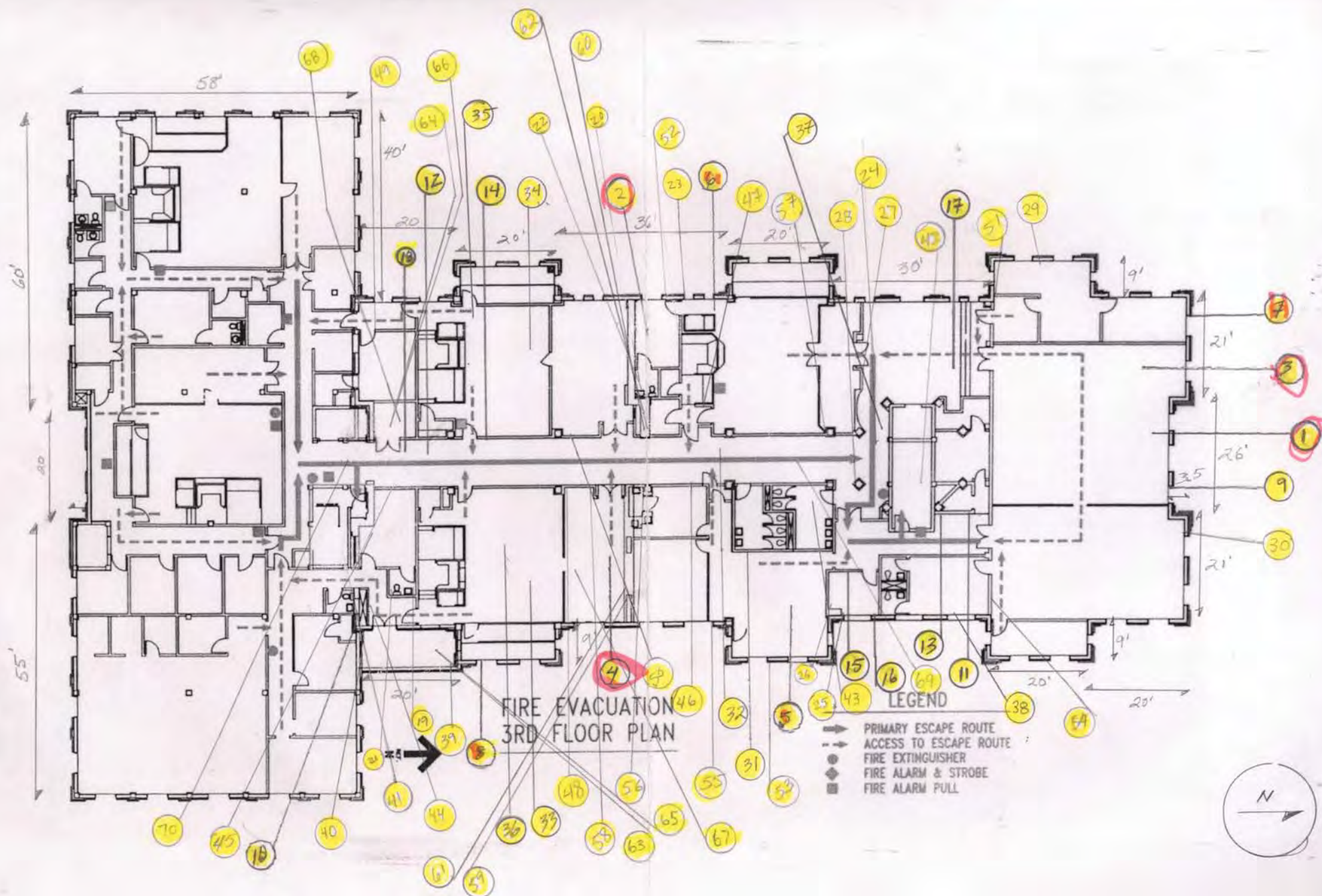
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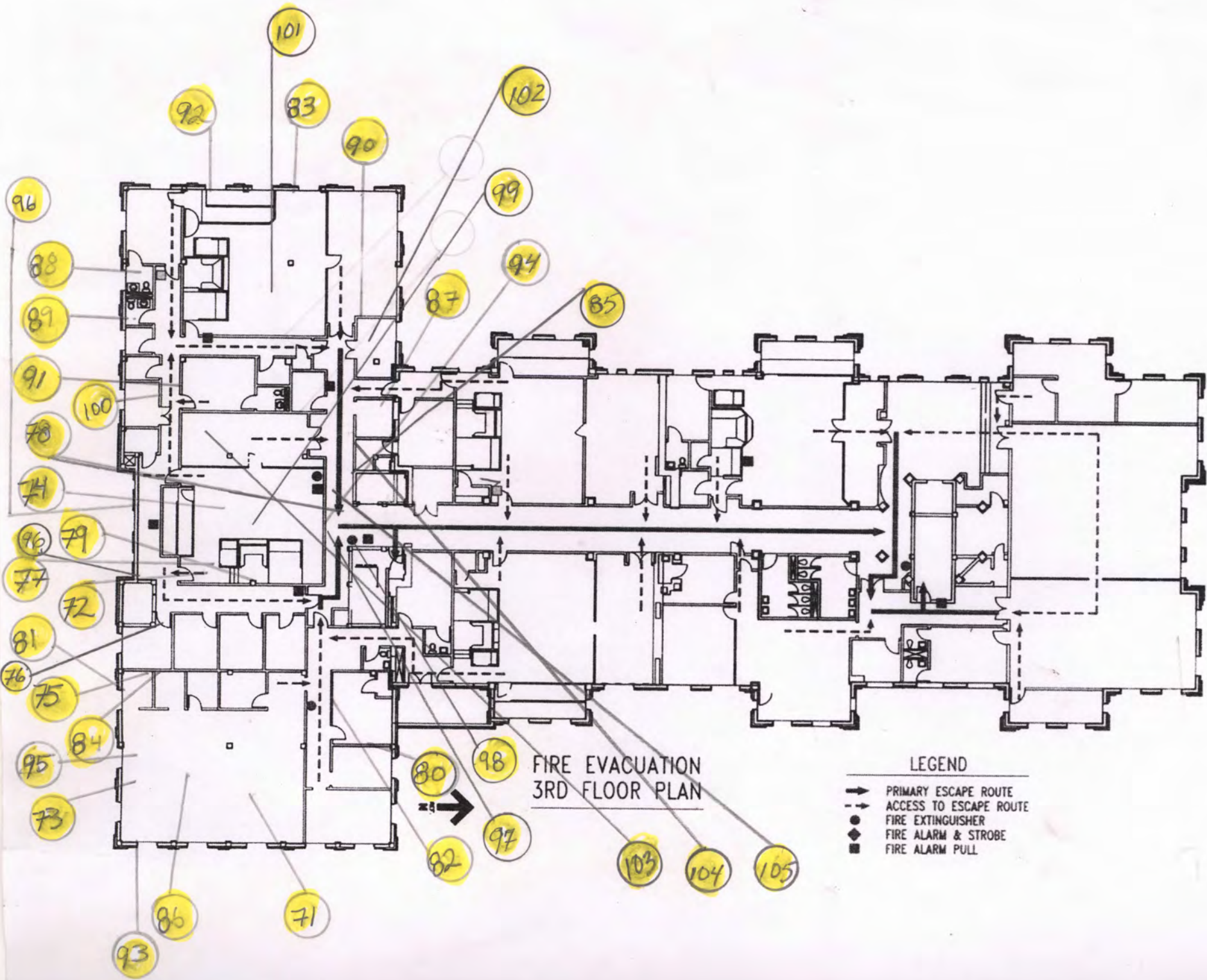
Black Baseboard

Burgandy Baseboard

Black A/C Mastic









FIRE EVACUATION
3RD FLOOR PLAN

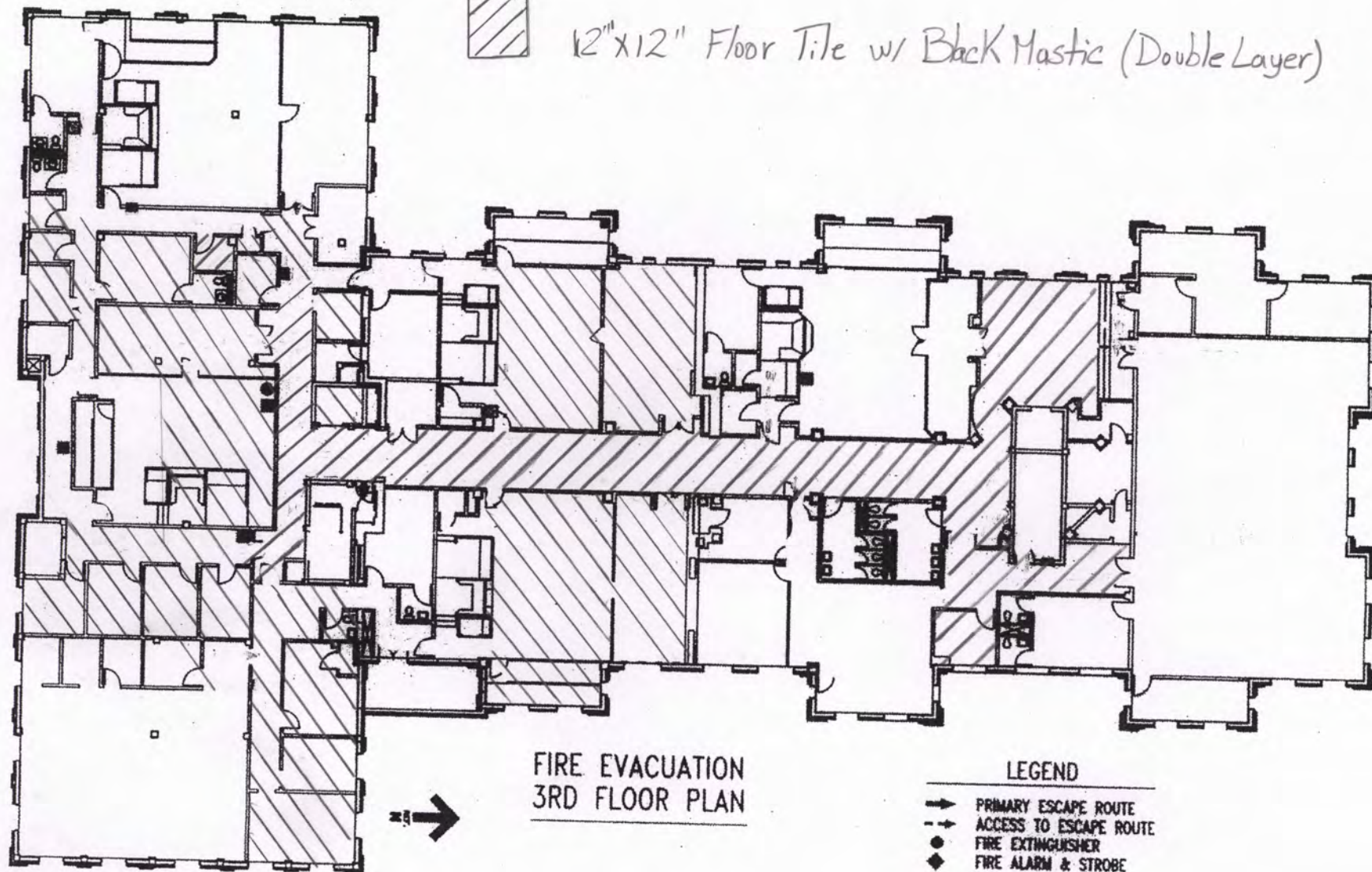
LEGEND

- PRIMARY ESCAPE ROUTE
- - - ACCESS TO ESCAPE ROUTE
- FIRE EXTINGUISHER
- ◆ FIRE ALARM & STROBE
- FIRE ALARM PULL

**FIELD DRAWINGS OF ASBESTOS CONTAINING MATERIALS
LOCATIONS**

 12"x12" Floor Tile w/ Black Mastic (Single Layer)


 12"x12" Floor Tile w/ Black Mastic (Double Layer)




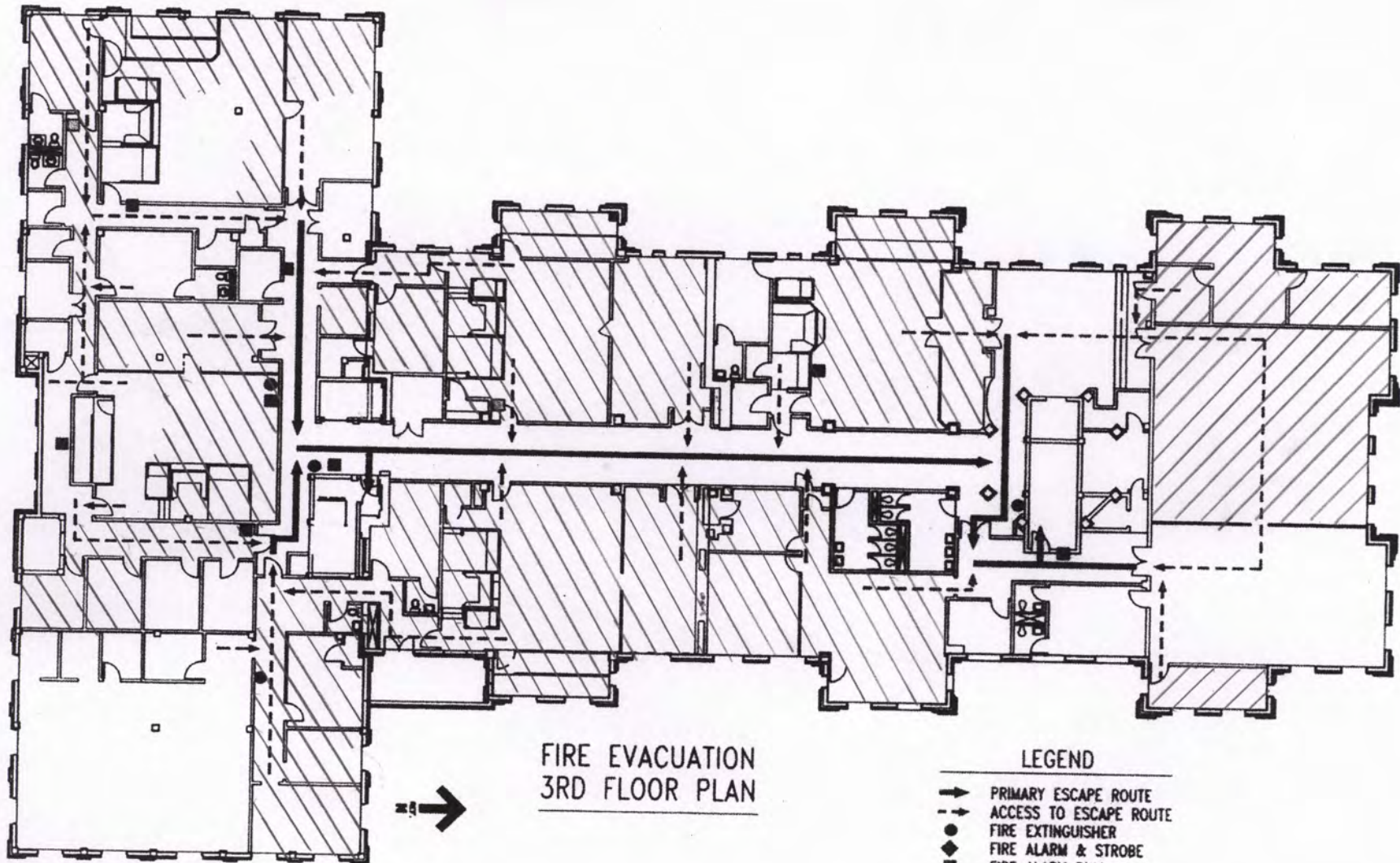
FIRE EVACUATION
3RD FLOOR PLAN

LEGEND






- PRIMARY ESCAPE ROUTE
- - - ACCESS TO ESCAPE ROUTE
- FIRE EXTINGUISHER
- ◆ FIRE ALARM & STROBE
- FIRE ALARM PULL

 Black Mastic under Carpet

 Black Floor Mastic over Bare Concrete Deck



LEGEND

-  PRIMARY ESCAPE ROUTE
-  ACCESS TO ESCAPE ROUTE
-  FIRE EXTINGUISHER
-  FIRE ALARM & STROBE
-  FIRE ALARM PULL



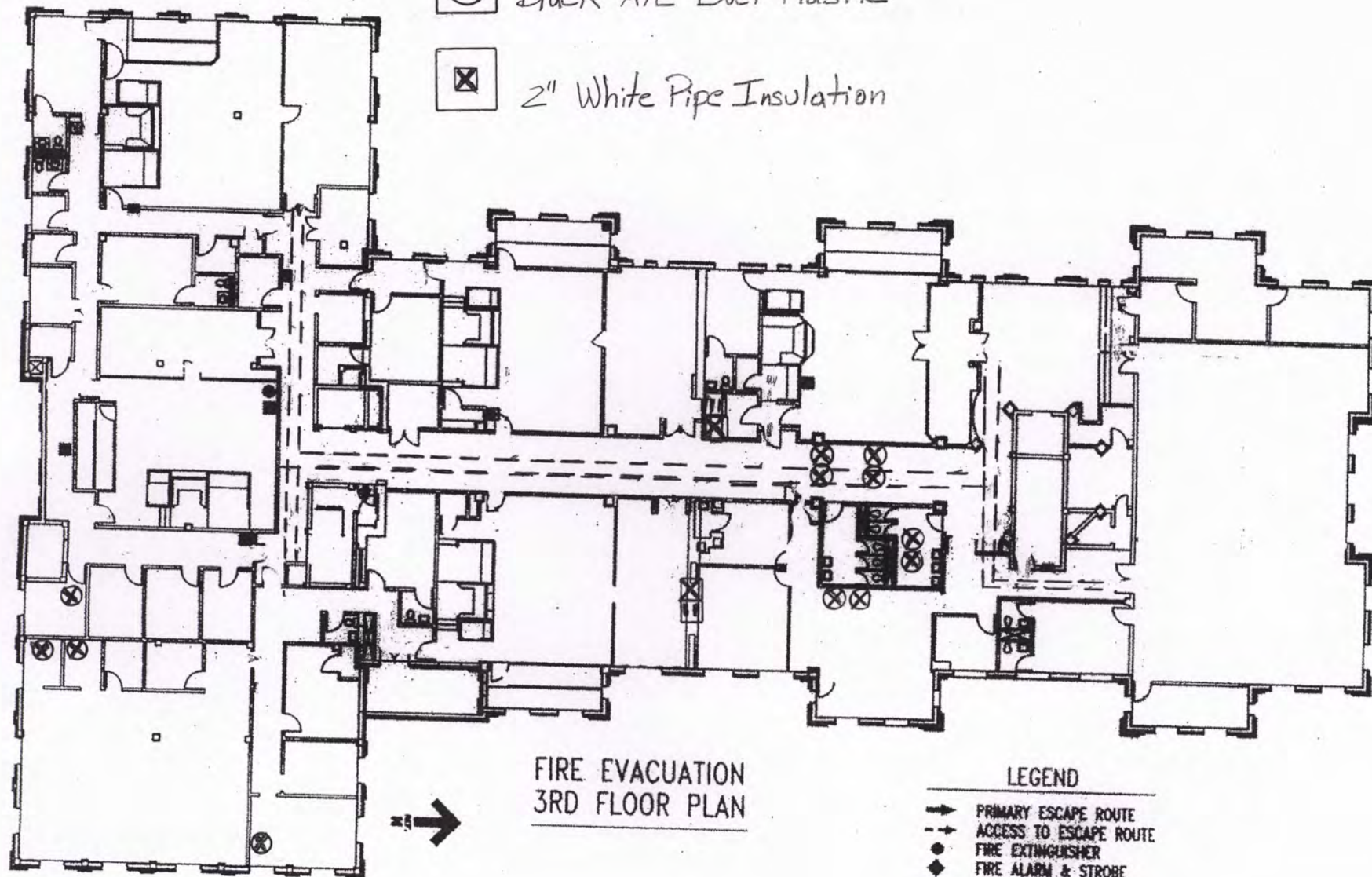
Black Pipe Mastic



Black A/C Duct Mastic



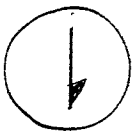
2" White Pipe Insulation



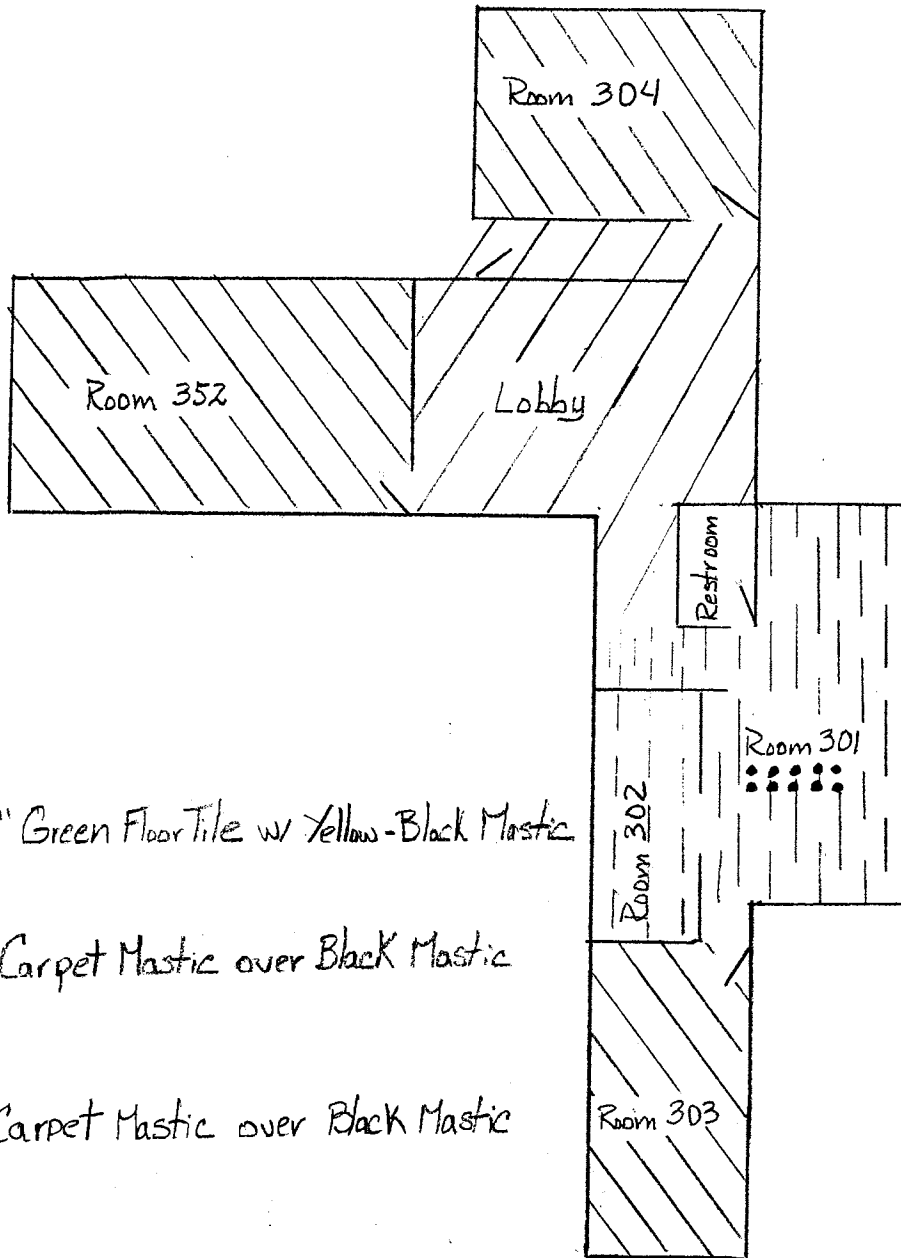
FIRE EVACUATION
3RD FLOOR PLAN

LEGEND

- PRIMARY ESCAPE ROUTE
- - - ACCESS TO ESCAPE ROUTE
- FIRE EXTINGUISHER
- ◆ FIRE ALARM & STROBE
- FIRE ALARM PULL



Mezzanine



12"x12" Green Floor Tile w/ Yellow-Black Mastic



Yellow Carpet Mastic over Black Mastic



Green Carpet Mastic over Black Mastic



Blue Pipe Mastic

**PRE-RENOVATION
ASBESTOS INSPECTION REPORT**

FOR

**MANATEE COUNTY HISTORICAL COURTHOUSE
SECOND FLOOR - FLOORING AND WALL RENOVATIONS
1115 MANATEE AVENUE WEST
BRADENTON, FLORIDA 34205**

Prepared for

CROSS ENVIRONMENTAL SERVICES
PO BOX 229
CRYSTAL SPRINGS, FLORIDA 33524

ATTENTION: MR. ROSS WORLEY

Prepared by



EE&G Environmental Services, LLC
5005 West Laurel Street, Suite 110
Tampa, Florida 33607
(813) 287-1005

April 7, 2011
EE&G Project No. 2011-4210

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APPENDIX B	Laboratory Report
APPENDIX C	Certificates

SECTION 1.0**INTRODUCTION**

An asbestos inspection was conducted at the Manatee County Historical Courthouse located at 1115 Manatee Avenue West in Bradenton, Florida. The inspection was conducted on March 30, 2011 by AHERA-certified inspector Michael H. Reid of EE&G Environmental Services, LLC (EE&G).

The purpose of this asbestos inspection was to identify the presence, extent, and condition of asbestos-containing materials (ACM) in the surveyed areas of this facility. The areas surveyed during this inspection included flooring and walls located on the second floor of the building, which were indicated by County representatives to be impacted during upcoming renovation activities. All observed suspect materials were either sampled to determine asbestos content or assumed to contain asbestos.

Terms used in this report are defined in the General Terms section located in Appendix A. Additional information on the classification of ACM for National Emissions Standards for Hazardous Air Pollutants (NESHAP) is also located in Appendix A. These NESHAP categories are helpful in determining the need for asbestos abatement and must be used in the NESHAP notification of intent to renovate or demolish.

SECTION 2.0**BUILDING DESCRIPTION**

The structure was observed to be a four-story building constructed of masonry-on-slab. Interior walls were finished with drywall, wood paneling, vinyl wall covering, and stucco/plaster. Interior floors were finished with multiple layers of combinations of vinyl floor tile (VFT), vinyl floor covering (VFC), and carpet; judges desks located in the courtrooms were placed on raised wooden platforms, inspection beneath these platforms was not performed, as the use of destructive assessment methods would have been necessary; ceramic tile flooring was observed in bathrooms, however EE&G was informed that these materials would not be impacted during the renovations and were not sampled. Interior ceilings were not observed, but the remains of a drop-in ceiling tile grid were present. Other locations at the facility, as well as heating, ventilation, and air conditioning, plumbing, and roofing systems were not included in this survey.

SECTION 3.0

METHODS AND LIMITATIONS

3.1 ASBESTOS SURVEY METHODS

The renovation areas were inspected for suspect ACM, unless otherwise noted. Each observed suspect material was assigned a homogenous area number, described, and measured. Each observed suspect material was either sampled or assumed to be asbestos-containing. Samples of suspect ACM were collected using procedures established by the United States (US) Environmental Protection Agency (EPA) Code of Federal Regulations (CFR) Title 40 Part 763 Subpart E, Asbestos-Containing Materials in Schools.

3.2 LABORATORY ANALYSIS METHODS

Samples were delivered to American Asbestos Laboratories, Inc. in Tampa, Florida for analysis. Upon arrival at the laboratory, the samples were logged-in and stored for analysis. Analyses were performed using the polarized light microscopy (PLM) method of asbestos detection using guidelines and procedures established in the Method for the Determination of Asbestos in Bulk Building Materials (EPA-600/R-93-116 July, 1993).

3.3 LIMITATIONS

This asbestos inspection 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. The intent of this survey report is to assist the owner or client in locating ACM. Under no circumstances is this survey to be utilized as a proposal or a project specification document without the expressed written consent of EE&G.

The survey was conducted to identify suspect ACM in accessible areas of the structure. The inspection was limited to flooring and wall materials located on the second floor of the building (not including bathrooms), which were reported to be impacted by upcoming renovation activities. Judges desks located in the courtrooms were placed on raised wooden platforms, inspection beneath these platforms was not performed, as the use of destructive assessment methods would have been necessary. If other areas at this location are to be impacted during planned or future renovations, a separate asbestos survey of these areas will be required. Some ACM may not have been discovered due to inaccessibility or missing/incomplete plans. Any suspect materials discovered subsequent to the issue of this survey report should be sampled and analyzed to determine asbestos content and to initiate appropriate responses.

Analyses were carried out by PLM. While the most commonly accepted analytical method for detecting asbestos in bulk materials, PLM is known to have limited resolution and may not detect extremely small asbestos fibers. Certain materials, notably vinyl floor tiles, may contain extremely fine asbestos fibers that are beyond the resolution of PLM.

EE&G's interpretations and recommendations are based upon the results of sample collection and analyses in compliance with environmental regulations, quality control and assurance standards, and the scope of work as indicated in EE&G's proposal, dated March 23, 2011. The results, conclusions, and recommendations contained in this report pertain to conditions observed at the time of the survey. Other conditions elsewhere in the subject building(s) may differ from those in the inspected/surveyed 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 thereunder, 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

SURVEY RESULTS

4.1 ASBESTOS ANALYSIS RESULTS

The results of the PLM analyses and assessment of suspect ACM are summarized in Table 1. The original laboratory report is attached as Appendix B.

4.1.1 Asbestos-containing materials

Asbestos was identified in amounts greater than 1 percent in the following materials:

- Black floor mastic.
- 12"x12" Grey vinyl floor tile (VFT) and black mastic.
- White/tan VFT and black mastic.
- 12"x12" Grey with blue streaks VFT and black mastic.
- 12"x12" Grey with green specks VFT and black mastic.

Refer to Table 1 for the location, quantity, and condition of these materials.

4.1.2 Nonasbestos-containing materials

Asbestos was not detected or was found in amounts less than or equal to 1 percent in the following materials:

- Black baseboard mastic.
- White lightweight concrete.
- White stucco-finished wall.
- Tan 12"x12" VFT and yellow glue.
- Red vinyl cove base (VCB) and brown glue.
- Grey VCB and brown glue.
- White drywall system.
- Pink 12"x12" VFT and yellow glue.
- Brown carpet glue.
- Black VCB and brown glue.
- Black sink undercoating.
- Green/white drywall/stucco system.
- White block wall.
- Tan pebble patterned vinyl floor covering (VFC) and white glue.

Refer to Table 1 for the location of these materials.

4.2 ADDITIONAL OBSERVATIONS

In addition to the results presented in Section 4.1, EE&G observed the following:

- Other potential asbestos-containing materials were observed within the building. These materials were reported to be outside the renovation scope of work.

**TABLE 1. SURVEY RESULTS FOR SECOND FLOOR FLOORING AND WALL RENOVATION PROJECT AT
THE MANATEE COUNTY HISTORICAL COURTHOUSE**

HA	Material Description	Sample ID	HA Location	Approx. Quantity	Asbestos Content	Friability	Condition	NESHAP Category
01	Black floor mastic	001-003	Court rooms B (beneath red and blue carpet), D E and G, bailiff's offices (3), court room E – jury room.	8,220 SF	2-5% C	Nonfriable	Good	I
02	Black baseboard mastic	004-006	Interior walls	NA	NAD	NA	NA	NA
03	White lightweight concrete	007-009	Interior walls	NA	NAD	NA	NA	NA
04	White stucco-finished walls	010-012	Interior walls	NA	NAD	NA	NA	NA
05	Tan 12"x12" VFT and yellow glue	013-015	Hall outside court room G (top layer)	NA	NAD	NA	NA	NA
06	Grey 12"x12" VFT and black mastic	013A-015A	Hall outside court room G (beneath tan 12" VFT)	270 SF	2-5% C in VFT; 2-5% C in mastic	Nonfriable	Good	I
07	Red VCB and brown glue	016-018	Interior walls	NA	NAD	NA	NA	NA
08	Grey VCB and brown glue	019-021	Interior walls	NA	NAD	NA	NA	NA

NA = Not Applicable

HA = Homogenous Area

NAD = No Asbestos Detected

TSI = Thermal System Insulation

VFT = Vinyl Floor Tile

VCB = Vinyl Cove Base

SF = Square Feet

LF = Linear Feet

CT = Ceiling Tile

All quantities are approximate. All asbestos detected is chrysotile unless otherwise noted.

HA	Material Description	Sample ID	HA Location	Approx. Quantity	Asbestos Content	Friability	Condition	NESHAP Category
09	White drywall system	022-024	Interior walls	NA	NAD	NA	NA	NA
10	12"x12" Pink VFT and yellow glue	025-027	Hallways (top layer) and landing by elevator (top layer)	NA	NAD	NA	NA	NA
11	12"x12" White/tan VFT and black mastic	025A-027A	Hallways (top layer) and landing by elevator (top layer)	650 SF	2-5% C in VFT; 5-10% C in mastic	Nonfriable	Good	I
12	Brown carpet glue	028-030	Beneath blue and red carpet	NA	NAD	NA	NA	I
13	12"x12" Grey with blue streaks VFT and black mastic	031-033	Landing by elevator (bottom layer), court rooms a (beneath carpet), c (beneath carpet) and f, mechanical room at south end of hallway, southeast offices (2 – beneath red carpet), librarians office (beneath red carpet), bailiff's office (1), and restrooms (2 – beneath VFC)	5,266 SF	2-5% C in VFT; 5-10% C in mastic	Nonfriable	Good	I

 NA = Not Applicable
 HA = Homogenous Area

 NAD = No Asbestos Detected
 TSI = Thermal System Insulation

 VFT = Vinyl Floor Tile
 VCB = Vinyl Cove Base

 SF = Square Feet
 LF = Linear Feet

CT = Ceiling Tile

All quantities are approximate. All asbestos detected is chrysotile unless otherwise noted.

HA	Material Description	Sample ID	HA Location	Approx. Quantity	Asbestos Content	Friability	Condition	NESHAP Category
14	12"x12" Grey with green specks VFT and black mastic	034-036	Hallways (bottom layer) and in front of bailiff's offices (beneath carpet)	1,666 SF	2-5% C in VFT; 5-10% in mastic	Nonfriable	Good	I
15	Black cove base and brown glue	037-039	Interior walls	NA	NAD	NA	NA	NA
16	Black sink undercoating	040	Records room	NA	<1% C	NA	NA	NA
17	Green/white drywall/stucco system	041-043	Interior walls	NA	NAD	NA	NA	NA
18	White block wall	044-046	Interior walls	NA	NAD	NA	NA	NA
19	Tan pebble pattern VFC and white glue	047-049	Bathrooms (top layer)	NA	NAD	NA	NA	NA

NA = Not Applicable

HA = Homogenous Area

NAD = No Asbestos Detected

TSI = Thermal System Insulation

VFT = Vinyl Floor Tile

VCB = Vinyl Cove Base

SF = Square Feet

LF = Linear Feet

CT = Ceiling Tile

All quantities are approximate. All asbestos detected is chrysotile unless otherwise noted.

SECTION 5.0**RECOMMENDATIONS****5.1 RECOMMENDATIONS FOR REGULATED ACM (RACM)**

No materials were identified as RACM.

5.2 RECOMMENDATIONS FOR CATEGORY I NONFRIABLE ACM

The following materials were identified as Category I Nonfriable ACM:

- Black floor mastic.
- 12"x12" Grey VFT and black mastic.
- White VFT and black mastic.
- 12"x12" Grey streak VFT and black mastic.
- 12"x12" Grey speckled VFT and black mastic.

These materials must be removed prior to any activities that would release asbestos fibers. Specifically, any renovation activity that will crush, abrade, or dissolve the matrix of these materials must be performed by a Florida-licensed Asbestos Contractor. If they will not be impacted during renovation, then no other special handling is required.

5.3 RECOMMENDATIONS FOR CATEGORY II NONFRIABLE ACM

No materials were identified as Category II Nonfriable ACM.

5.4 GENERAL RECOMMENDATIONS

- If other areas at this location are to be impacted during renovation, an asbestos survey of these areas will be required.
- Suspect materials discovered after this inspection should be sampled and analyzed to determine asbestos content and to initiate appropriate responses.
- An operations and maintenance (O&M) program should be implemented to manage ACM that will remain in the building. An O&M program will prevent asbestos fiber release, resuspension of previously released fibers, and ensure proper control of asbestos fibers if a release occurs.
- Damaged ACM should be repaired or removed at the start of the O&M program. The O&M program should be continued until renovation or demolition activities result in the removal of the ACM or until the condition of the ACM requires removal.

- Any repair and maintenance activities where the ACM is likely to release asbestos fibers must be conducted by personnel who have attended a 16-hour OSHA Class III operations training course.
- Any maintenance and custodial activities where the ACM is contacted but asbestos fibers are unlikely to be released must be conducted by personnel who have attended a 2-hour OSHA Class IV operations training course.

5.5 SPECIFIC RECOMMENDATIONS

Based on the results of this renovation survey, EE&G has the following specific recommendations:

- Removal and disposal of ACM for the purposes of renovation must be performed by a Florida-licensed asbestos contractor.
- If damaged ACM was identified during this survey, it should be repaired or removed regardless of the scope of the renovation.
- A licensed asbestos consulting firm should perform daily air monitoring of the renovation areas during asbestos removal to document the air quality, perform daily inspections, and provide final visual inspections and final air clearance testing.
- Prior to renovation activities, the renovation areas should be inspected for potentially hazardous materials, such as Freon, mercury, lead, solvents, caustic materials, and flammable materials. The identified materials should be removed from the area, and properly disposed of in accordance with federal, state, and local regulations.
- EE&G recommends a hazards communications program be implemented to protect workers in other trades from inadvertent exposure to asbestos fibers during the renovation.
- Since the flooring materials are Category I Nonfriable ACM, The Florida Department of Environmental Protection Southwest District does not require 10-day notification prior to removal, however a courtesy notification may be requested before project commencement. Additionally, if structural or load bearing walls are to be demolished as part of the renovation activities, the Department may require 10-day notification prior to commencement of the work. The general contractor should also keep a copy of this survey at the construction site during the entire construction project as proof of compliance with 40 CFR 61 (NESHAP).

SECTION 6.0

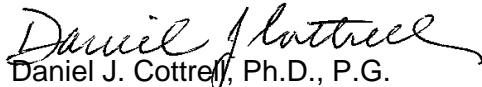
SIGNATURE PAGE

Submitted by



D. Kirk Smith
Senior Project Professional, EE&G

Reviewed by



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

APPENDIX A

GENERAL TERMS:

**TYPES OF ASBESTOS-CONTAINING MATERIALS
TYPES OF ASBESTOS-CONTAINING ROOFING MATERIALS
NESHAP CATEGORIES FOR ACM**

TYPES OF ASBESTOS-CONTAINING MATERIALS

Asbestos-Containing Material (ACM)

Asbestos-containing materials, as defined by National Emission Standards for Hazardous Air Pollutants (NESHAP), are materials that have an asbestos content of greater than 1 percent.

Friable Material

Material that can be crumbled or reduced to a powder using normal hand pressure. Nonfriable material is too hard to be crumbled or reduced to a powder without the use of tools. Nonfriable materials may become friable if abraded or broken.

Suspect Materials

There are three broad classes that define suspect, asbestos-containing materials. These are: 1) surfacing material, 2) thermal system insulation, and 3) miscellaneous material. All materials that fit the description of these materials (as described below) are suspected to contain asbestos, until sampled and analyzed.

- **Surfacing Material** - Materials applied by spray or trowel are classified as surfacing materials. Asbestos was used in a variety of surfacing materials for fireproofing, acoustic dampening, condensation control, and decorative purposes. Surfacing materials that contain asbestos usually occur as fireproofing on steel-frame members, textured ceilings, or acoustic plaster ceilings.
- **Thermal System Insulation (TSI) Material** - Chill water, hot water, and steam-generating mechanical systems are frequently insulated with materials that contain asbestos. Pipes may be insulated with a nonasbestos-containing material, but have mastic or plastered joints that contain asbestos. Insulation materials that contain asbestos are generally found in boiler rooms and chiller rooms, in pipe chases in walls, in pipe runs above suspended ceilings, or in crawl spaces under buildings. Insulation covered with an undamaged jacket or wrap is classified as nonfriable. Adhesives used to hold insulation in place or provide an airtight seal are also nonfriable materials. Most other types of thermal insulation are friable.
- **Miscellaneous Material** - Miscellaneous building materials are materials that are used for finishing of interior spaces, or adhesive materials applied to building materials and roofs. These materials have been manufactured with asbestos for strength enhancement, fire retardation, condensation control, acoustical dampening, or corrosion resistance. The most common type of friable miscellaneous material is ceiling tile. Most other miscellaneous materials are nonfriable materials such as vinyl floor tile, adhesives, and cementitious panels (Transite™).

TYPES OF ASBESTOS-CONTAINING ROOFING MATERIALS (ACRM)**Field Membrane**

This area is usually the predominant part of any roof deck and is comprised of all nonflashed areas and is applied directly to the roof substrate over an intermediate insulating layer. It usually consists of alternating layers of rolled-out felts and hot tar, topped with more hot tar to waterseal, and gravel. The asbestos, if found, is in one or more of the layers of tar or may be in the felts themselves.

Edge Flashing

This component consists of a cold bull/pitch applied to the substrate around the perimeter of a flat roof deck. An additional 8" - 12" of felt is applied to the bull/pitch to seal the edge of the roof substrate before a 4" - 6" piece of metal drip guard is placed over these materials to counterflash and protect against wind and rain. The field membrane felts are then blended in with the inner edge to conform with the rest of the roof. The asbestos, if found, is in the layers of bull/pitch, tar, or may be in the flashing felts themselves.

Wall Base/Parapet Flashing

This component consists of a cold bull/pitch applied to the roof substrate, adjoining wall base, fan/vent, scupper trough, hatch, chimney, or raised parapet wall. An additional 12" - 48" of felt (often painted silver) is applied to the bull/pitch to seal the edges of the roof substrate, wall(s), or the side or top of the concrete parapet wall. The field membrane felts are then blended in with the inner edge to conform with the rest of the roof. The asbestos, if found, is in the layers of bull/pitch, tar, or may be in the flashing felts themselves.

Roof Fixture Flashing

This component consists of a cold bull/pitch applied to the roof substrate around any of the following fixtures: roof drain, vent-thru-roof stack (VTR), pitch pan, gooseneck vents, mechanical equipment supports, or any other roof penetration. An additional sheet of metal counterflashing (extending 4" - 24" from the center) is applied to the bull/pitch to seal the edges to the roof substrate. The field membrane felts are placed over up to the fixture sides to conform with the rest of the roof. The asbestos, if found, is in the layers of bull/pitch, tar, or may be in the flashing felts themselves.

NESHAP CATEGORIES FOR ACM**Regulated ACM (RACM)**

All ACM that is friable or likely to become friable during renovation or demolition activities is considered to be RACM. These materials must be removed from buildings prior to renovation or demolition activities that will disturb them.

Category I Nonfriable ACM

Resilient flooring, such as vinyl floor tile and rolled vinyl sheeting, valve packings and gaskets, and asphalt (bituminous) roofing materials are all classified as Category I Nonfriable materials. If these materials are in good condition, they are not likely to become friable during demolition, and therefore, may remain in place for demolition. However, these materials must be removed prior to renovations if the renovation involves alteration that would render them friable.

Category II Nonfriable ACM

Category II materials are all other nonfriable materials that are not classified as Category I. Asbestos cement products and plaster are the most common types of Category II materials. Most Category II materials are likely to become friable during demolition, and therefore, must be removed prior to demolition. These materials must be removed prior to renovations if the renovation involves alteration that would render them friable.

APPENDIX B
LABORATORY ANALYSIS REPORT
PLM RESULTS

April 7, 2011 10:02

REPORT

SENT **CROSS ENVIRONMENTAL SERVICES**
TO: **P.O. BOX 1229**
CRYSTAL SPRINGS, FL 33524
ROSS WORLEY
813-783-1688/FAX:813-788-9114

PREPARED BY: **AAL**
Asbestos Department
5005 WEST LAUREL STREET
SUITE 110
TAMPA, FL 33607
NVLAP Code 101775
(813) 287-1005

Thank you for your business.

Analysis: Polarized Light Microscopy (PLM) with dispersion staining techniques according to the United States (US) Environmental Protection Agency (EPA) "Method for the Determination of Asbestos in Bulk Building Materials," EPA/600/R-93-116, July, 1993.

Sample Type : BULK
#Of Samples : 52

Date in : March 31, 2011
Date out : April 7, 2011

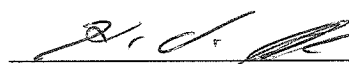
Work Order# : M104124
EE&G Project# : 2011 4210
Project : MANATEE CTY HISTORICAL CRTHSE

Collected by : M.R.
Delivery by : M.R.
Received by : KIA

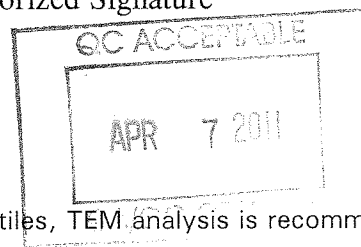
Analyzed By:



Khandaker I. Anam



Authorized Signature



Due to the small size of asbestos fibers associated with vinyl floor tiles, TEM analysis is recommended for all floor tiles containing <1% or no detectable asbestos by visual estimation.

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The following analytical results presented in this report pertain only to the samples analyzed. American Asbestos Laboratories assumes no responsibility for whether the samples accurately represent the material in question.

LABORATORY BULK SAMPLE ANALYSIS REPORT

CLIENT : CROSS ENVIRONMENTAL SERVICES
PROJECT : MANATEE CTY HISTORICAL CRTHSE

Samples were analyzed in accordance with the Interim
Method as described in 40 CFR, Part 763, Vol. 52, No. 210

WORK ORDER NUMBER: M104124

ID#	ANA	DESCRIPTION	LOCATION	SAMPLE NUMBER	CHRY	PERCENT ASBESTOS FIBERS			ANTH	OTHER	%NON-ASB FIBERS
						AMOS	CROC	TREM			
01A	KIA	BLACK FLOOR MASTIC	MAIN CTRM-N.SIDE	001	2-5						1-2
01B	KIA	BLACK FLOOR MASTIC	MAIN CTRM-E.SIDE	002	2-5						1-2
01C	KIA	BLACK FLOOR MASTIC	MAIN CTRM-W.SIDE	003	5-10						1-2
02A	KIA	BLACK BASEBOARD MASTIC	MAIN CT RM-LEFT	004		NO ASBESTOS DETECTED					1-2
02B	KIA	BLACK BASEBOARD MASTIC	MAIN CTRM-MIDDLE	005		NO ASBESTOS DETECTED					1-2
02C	KIA	BLACK BASEBOARD MASTIC	MAIN CT RM-RIGHT	006		NO ASBESTOS DETECTED					1-2
03A	KIA	WHITE LGT WEIGHT CONCRETE	MAIN CT-N.WINDOW	007		NO ASBESTOS DETECTED					1-2
03B	KIA	WHITE LGT WEIGHT CONCRETE	MAIN CT-E.WINDOW	008		NO ASBESTOS DETECTED					1-2
03C	KIA	WHITE LGT WEIGHT CONCRETE	MAIN CT-S.WINDOW	009		NO ASBESTOS DETECTED					1-2
04A	KIA	WHITE STUCCO WALL	NORTH SIDE WALL	010		NO ASBESTOS DETECTED					1-2
04B	KIA	WHITE STUCCO WALL	EAST SIDE WALL	011		NO ASBESTOS DETECTED					1-2
04C	KIA	WHITE STUCCO WALL	SOUTH SIDE WALL	012		NO ASBESTOS DETECTED					1-2
05A	KIA	TAN 12"X12" VFT	HALL OUTS. CTRM	013		NO ASBESTOS DETECTED					1-2
*		Comments: NO ASBESTOS DETECTED IN YELLOW GLUE									

Report Continued on Next Page

CLIENT : CROSS ENVIRONMENTAL SERVICES
PROJECT : MANATEE CTY HISTORICAL CRTHSE

LABORATORY BULK SAMPLE ANALYSIS REPORT CONTINUED

WORK ORDER NUMBER: M104124

ID#	ANA	DESCRIPTION	LOCATION	SAMPLE NUMBER	CHRY	PERCENT ASBESTOS FIBERS			ANTH	OTHER	%NON-ASB FIBERS
05B	KIA	TAN 12"X12" VFT	HALL OUTS. CTRM	014		NO ASBESTOS DETECTED	NO ASBESTOS DETECTED	NO ASBESTOS DETECTED			1-2
* Comments:											
05C	KIA	TAN 12"X12" VFT	HALL OUTS. CTRM	015		NO ASBESTOS DETECTED	NO ASBESTOS DETECTED	NO ASBESTOS DETECTED			1-2
* Comments:											
06A	KIA	GREY 12" VFT & BLK MASTIC	HALL OUTS. CTRM	013A	2-5	5-10% CHRYSOTILE DETECTED IN BLACK MASTIC					1-2
* Comments:											
06B	KIA	GREY 12" VFT & BLK MASTIC	HALL OUTS. CTRM	014A	2-5	5-10% CHRYSOTILE DETECTED IN BLACK MASTIC					1-2
* Comments:											
06C	KIA	GREY 12" VFT & BLK MASTIC	HALL OUTS. CTRM	015A	2-5	5-10% CHRYSOTILE DETECTED IN BLACK MASTIC					1-2
* Comments:											
07A	KIA	RED COVE BASE	THROUGHOUT BM	016		NO ASBESTOS DETECTED	NO ASBESTOS DETECTED	NO ASBESTOS DETECTED			1-2
* Comments:											
07B	KIA	RED COVE BASE	THROUGHOUT BM	017		NO ASBESTOS DETECTED	NO ASBESTOS DETECTED	NO ASBESTOS DETECTED			1-2
* Comments:											
07C	KIA	RED COVE BASE	THROUGHOUT BM	018		NO ASBESTOS DETECTED	NO ASBESTOS DETECTED	NO ASBESTOS DETECTED			1-2
* Comments:											
08A	KIA	GREY COVE BASE	THROUGHOUT BM	019		NO ASBESTOS DETECTED	NO ASBESTOS DETECTED	NO ASBESTOS DETECTED			1-2
* Comments:											
08B	KIA	GREY COVE BASE	THROUGHOUT BM	020		NO ASBESTOS DETECTED	NO ASBESTOS DETECTED	NO ASBESTOS DETECTED			1-2
* Comments:											

Report Continued on Next Page

CLIENT : CROSS ENVIRONMENTAL SERVICES
PROJECT : MANATEE CTY HISTORICAL CRTHSE

LABORATORY BULK SAMPLE ANALYSIS REPORT CONTINUED

WORK ORDER NUMBER: M104124

ID#	ANA	DESCRIPTION	LOCATION	SAMPLE NUMBER	CHRY	AMOS	CROC	TREM	ANTH	OTHER	%NON-ASB FIBERS
08C	KIA	GREY COVE BASE	THROUGHOUT BM	021		NO ASBESTOS DETECTED					1-2
* Comments:											
09A	KIA	WHITE DRYWALL SYSTEM Layer 1: NO ASBESTOS DETECTED IN WHITE DRYWALL Layer 2: NO ASBESTOS DETECTED IN WHITE JOINT COMPOUND	COURT RM G	022		NO ASBESTOS DETECTED					10-15
09B	KIA	WHITE DRYWALL SYSTEM Layer 1: NO ASBESTOS DETECTED IN WHITE DRYWALL Layer 2: NO ASBESTOS DETECTED IN WHITE JOINT COMPOUND	COURT RM F	023		NO ASBESTOS DETECTED					10-15
09C	KIA	WHITE DRYWALL SYSTEM Layer 1: NO ASBESTOS DETECTED IN WHITE DRYWALL Layer 2: NO ASBESTOS DETECTED IN WHITE JOINT COMPOUND	COURT RM C	024		NO ASBESTOS DETECTED					10-15
10A	KIA	PINK 12"X12" VFT	THROUGHOUT HLWY	025		NO ASBESTOS DETECTED					1-2
* Comments:											
10B	KIA	PINK 12"X12" VFT	THROUGHOUT HLWY	026		NO ASBESTOS DETECTED					1-2
* Comments:											
10C	KIA	PINK 12"X12" VFT	THROUGHOUT HLWY	027		NO ASBESTOS DETECTED					1-2
* Comments:											
11A	KIA	WHITE VFT & BLACK MASTIC	THROUGHOUT HLWY	025A	2-5	5-10% CHRYSOTILE DETECTED IN BLACK MASTIC					1-2
* Comments:											
11B	KIA	WHITE VFT & BLACK MASTIC	THROUGHOUT HLWY	026A	2-5	5-10% CHRYSOTILE DETECTED IN BLACK MASTIC					1-2
* Comments:											

Report Continued on Next Page

CLIENT : CROSS ENVIRONMENTAL SERVICES
PROJECT : MANATEE CTY HISTORICAL CRTHSE

LABORATORY BULK SAMPLE ANALYSIS REPORT CONTINUED

WORK ORDER NUMBER: M104124

ID#	ANA	DESCRIPTION	LOCATION	SAMPLE NUMBER	CHRY	AMOS	CROC	TREM	ANTH	OTHER	%NON-ASB FIBERS
11C	KIA	WHITE VFT & BLACK MASTIC	THROUGHOUT HLWY	027A	2-5						1-2
* Comments: 5-10% CHRYSOTILE DETECTED IN BLACK MASTIC											
12A	KIA	BLUE CARPET & GLUE	COURT ROOM C	028				NO ASBESTOS DETECTED			20-25
* Comments: NO ASBESTOS DETECTED IN BROWN GLUE											
12B	KIA	BLUE CARPET & GLUE	COURT ROOM C	029				NO ASBESTOS DETECTED			1-2
* Comments: NO ASBESTOS DETECTED IN BROWN GLUE											
12C	KIA	BLUE CARPET & GLUE	COURT ROOM C	030				NO ASBESTOS DETECTED			1-2
* Comments: NO ASBESTOS DETECTED IN BROWN GLUE											
13A	KIA	GREY 12"X12" VFT & MASTIC	CT RM F THROUGH.	031	2-5						1-2
* Comments: 5-10% CHRYSOTILE DETECTED IN BLACK MASTIC											
13B	KIA	GREY 12"X12" VFT & MASTIC	CT RM F THROUGH.	032	2-5						1-2
* Comments: 5-10% CHRYSOTILE DETECTED IN BLACK MASTIC											
13C	KIA	GREY 12"X12" VFT & MASTIC	CT RM F THROUGH.	033	2-5						1-2
* Comments: 5-10% CHRYSOTILE DETECTED IN BLACK MASTIC											
14A	KIA	GREY 12"X12" VFT	ADJ.RMS TO RECRM	034	2-5						1-2
* Comments: 5-10% CHRYSOTILE DETECTED IN BLACK MASTIC											
14B	KIA	GREY 12"X12" VFT	ADJ.RMS TO RECRM	035	2-5						1-2
* Comments: 5-10% CHRYSOTILE DETECTED IN BLACK MASTIC											
14C	KIA	GREY 12"X12" VFT	ADJ.RMS TO RECRM	036	2-5						1-2
* Comments: 5-10% CHRYSOTILE DETECTED IN BLACK MASTIC											

Report Continued on Next Page

CLIENT : CROSS ENVIRONMENTAL SERVICES
PROJECT : MANATEE CTY HISTORICAL CRTHSE

LABORATORY BULK SAMPLE ANALYSIS REPORT CONTINUED

WORK ORDER NUMBER: M104124

ID#	ANA	DESCRIPTION	LOCATION	SAMPLE NUMBER	CHRY	PERCENT ASBESTOS FIBERS AMOS CROC TREM	ANTH	OTHER	%NON-ASB FIBERS
15A	KIA	BLACK COVE BASE	REC RM THROUGH.	037	NO ASBESTOS DETECTED	NO ASBESTOS DETECTED IN BROWN GLUE			1-2
* Comments:									
15B	KIA	BLACK COVE BASE	REC RM THROUGH.	038	NO ASBESTOS DETECTED	NO ASBESTOS DETECTED IN BROWN GLUE			1-2
* Comments:									
15C	KIA	BLACK COVE BASE	REC RM THROUGH.	039	NO ASBESTOS DETECTED	NO ASBESTOS DETECTED IN BROWN GLUE			1-2
* Comments:									
16A	KIA	BLACK SINK UNDERCOATING	REC RM	40	<1				1-2
17A	KIA	GREEN/WH DRYWALL & STUCCO Layer 1: NO ASBESTOS DETECTED IN WHITE/GREY DRYWALL Layer 2: NO ASBESTOS DETECTED IN GREEN STUCCO	REC RM THROUGH.	41	NO ASBESTOS DETECTED				12-20
17B	KIA	GREEN/WH DRYWALL & STUCCO Layer 1: NO ASBESTOS DETECTED IN WHITE/GREY DRYWALL Layer 2: NO ASBESTOS DETECTED IN GREEN STUCCO	REC RM THROUGH.	42	NO ASBESTOS DETECTED				12-20
17C	KIA	GREEN/WH DRYWALL & STUCCO Layer 1: NO ASBESTOS DETECTED IN WHITE/GREY DRYWALL Layer 2: NO ASBESTOS DETECTED IN GREEN STUCCO	REC RM THROUGH.	43	NO ASBESTOS DETECTED				12-20
18A	KIA	WHITE BLOCK WALL	MAIN COURT ROOM	44	NO ASBESTOS DETECTED				2-5
18B	KIA	WHITE BLOCK WALL	REC RM	45	NO ASBESTOS DETECTED				2-5
18C	KIA	WHITE BLOCK WALL	AT ROOM C	46	NO ASBESTOS DETECTED				1-2

Analytical results pertain only to the sample(s) analyzed.

Quality Control Officer

ABBREVIATIONS: ANA=Analyst; ASB=Asbestos; CHRY=Chrysotile; AMOS=Amosite; CROC=Crocidolite; TERM=Term/Act; ANTH=Anthophyllite; ACT=Actinolite; AL=Aluminum; ANTH=Anthophyllite; BLK=Black; BACK=Backing; BL=Blue; BRN=Brown; C=Cellulose; CALC=Calcareous; CPT=Carpet; CTL=Ceiling tile; CEM=Cement; COV=Cover; DEB=Debris; FC=Fiberglass; FIB=Fibrous; fibers; MAS=Mastic; MAT=Material; MIC=Micaceous; MW=Mineral wool; ORG=Orange; PAI=Paint; PAP=Paper; PL=Plaster; PLAS=Plastic; PWDR=Powder; RCF=Refractory ceramic fiber; RUB=Rubber; SIL=Silver; SR=Sheet rock; SUB=Substance; S=Synthetic; TEXT=Textured; TR=Trace; TRAN=Transite; TREM=Tremolite; VERM=Vermiculite; VYL=Vinyl; W=Wollastonite; WH=White; YEL=Yellow.



EE&G Environmental Services, LLC
5005 West Laurel Street, Suite 110
Tampa, Florida 33607

M/04/24

BULK TRANSMITTAL FORM CHAIN OF CUSTODY

CLIENT: Ces

PROJECT: Manatee County Hist Court House

CLIENT CONTACT: Ross Worley

PROJECT NUMBER: 2011-4210

DATE COLLECTED: 3-30-11

PHASE/TASK: Survey

DATE SENT: 3-30-11

DATE VERBAL NEEDED: 4-5-11

STOP AT FIRST POSITIVE: Y ☒ (circle one)

DATE WRITTEN NEEDED: 4-5-11

SAMPLE PREFIX

SAMPLE NUMBER	COLOR	SAMPLE DESCRIPTION	SAMPLE LOCATION
1. 001	Black	Main Ct Room floor mastic	N side of room MAIN CT
2. 002	↓	↓	E side of room
3. 003	↓	↓	W side of room
4. 004	Black	Base Board mastic	Left
5. 005	↓	↓	middle
6. 006	↓	↓	right
7. 007	White	Lgt wood contact on	N window
8. 008	↓	Window sill ledge	E window
9. 009	↓	↓	S window
10. 010	White	Stucco wall	N side wall
11. 011	↓	↓	E side wall
12. 012	↓	↓	S side wall
13. 013	Tan	Tan speckled 12' over grey	Hall outside of ct room to main
14. 014	↓	12' tile on mastic	Rm & Bathroom
15. 015	↓	↓	↓
16. 016	Red	Red core base	Through out B/M
17. 017	↓	↓	↓
18. 018	↓	↓	↓
19. 019	Grey	Core base	Through B/M
20. 020	↓	↓	↓

CHAIN OF CUSTODY:

DATE/TIME

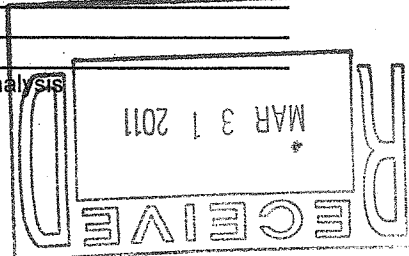
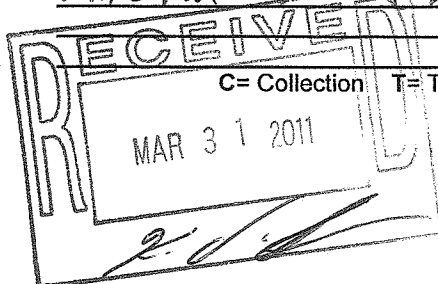
PRINT NAME/SIGNATURE

PURPOSE

3-30-11

Mike Paul

CCT A



C= Collection T= Transportation A= Analysis

CCT A
CCT A
CCT A



CONTINUATION OF
BULK TRANSMITTAL FORM
CHAIN OF CUSTODY

Page 2 of 7

PROJECT NUMBER: 2011-4510

SAMPLE PREFIX PDJ

PHASE/TASK: TSU-0

M104124

SAMPLE NUMBER	COLOR	SAMPLE DESCRIPTION	SAMPLE LOCATION
1. <u>021</u>	<u>Grey</u>	<u>Cove Bath</u>	<u>Throughout R/A</u>
2. <u>022</u>	<u>White</u>	<u>Drywall system</u>	<u>ct rm 6</u>
3. <u>023</u>	<u>↓</u>	<u>↓</u>	<u>ct rm F</u>
4. <u>024</u>	<u>↓</u>	<u>↓</u>	<u>ct rm c</u>
5. <u>025</u>	<u>White/pink</u>	<u>12 Pink/white VFT over</u>	<u>Throughout HAWAII</u>
6. <u>026</u>	<u>↓</u>	<u>yellow & pebble sheet vinyl</u>	<u>↓</u>
7. <u>027</u>	<u>↓</u>	<u>& Black Mastic</u>	<u>ct rm c</u>
8. <u>028</u>	<u>Blue</u>	<u>Blue Carpet & Glue</u>	<u>↓</u>
9. <u>029</u>	<u>↓</u>	<u>↓</u>	<u>ct rm F</u>
10. <u>030</u>	<u>↓</u>	<u>Grey streak 12 VFT &</u>	<u>Throughout</u>
11. <u>031</u>	<u>Grey</u>	<u>Mastic</u>	<u>↓</u>
12. <u>032</u>	<u>↓</u>	<u>↓</u>	<u>ADJ Rooms to</u>
13. <u>033</u>	<u>↓</u>	<u>12' VFT</u>	<u>Records RM</u>
14. <u>034</u>	<u>Sik/Gres</u>	<u>↓</u>	<u>↓</u>
15. <u>035</u>	<u>↓</u>	<u>↓</u>	<u>In rec RM Throughout</u>
16. <u>036</u>	<u>Black</u>	<u>Cove Bath</u>	<u>↓</u>
17. <u>037</u>	<u>↓</u>	<u>↓</u>	<u>Rec rm</u>
18. <u>038</u>	<u>↓</u>	<u>Sink underlayment</u>	<u>Rec RM Throughout</u>
19. <u>039</u>	<u>Black</u>	<u>Drywall & Stucco</u>	<u>↓</u>
20. <u>040</u>	<u>Green/white</u>	<u>↓</u>	<u>main ct rm</u>
21. <u>041</u>	<u>↓</u>	<u>↓</u>	<u>Rec Row</u>
22. <u>042</u>	<u>↓</u>	<u>↓</u>	<u>ct rm c</u>
23. <u>043</u>	<u>White</u>	<u>Black and Reddish Stucco & Drywall</u>	
24. <u>044</u>	<u>↓</u>	<u>↓</u>	
25. <u>045</u>	<u>↓</u>	<u>↓</u>	
26. <u>046</u>	<u>↓</u>	<u>↓</u>	
27.			
28.			
29.			
30.			
31.			
32.			
33.			
34.			
35.			

CHAIN OF CUSTODY:

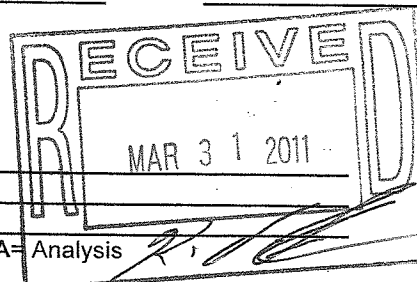
DATE/TIME

3-30-11

PRINT NAME/SIGNATURE

Mike Ed

Mike Ed



PURPOSE

CTA
CTA
CTA

C= Collection T= Transportation A= Analysis

April 15, 2011 13:17

REPORT

SENT **CROSS ENVIRONMENTAL SERVICES**
TO: **P.O. BOX 1229**
CRYSTAL SPRINGS, FL 33524
ROSS WORLEY
813-783-1688/FAX:813-788-9114

PREPARED BY: **AAL**
Asbestos Department
5005 WEST LAUREL STREET
SUITE 110
TAMPA, FL 33607
NVLAP Code 101775
(813) 287-1005

Thank you for your business.

Analysis: Polarized Light Microscopy (PLM) with dispersion staining techniques according to the United States (US) Environmental Protection Agency (EPA) "Method for the Determination of Asbestos in Bulk Building Materials," EPA/600/R-93-116, July, 1993.

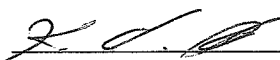
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#Of Samples : 3

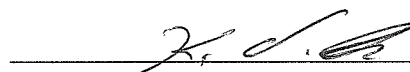
Date in : April 15, 2011
Date out : April 15, 2011

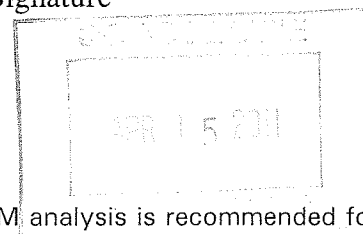
Work Order# : M104161
EE&G Project# : 2011 4210
Project : MANATEE CTY HISTORICAL CRTHSE

Collected by : M.R.
Delivery by : M.R.
Received by : KIA

Analyzed By:


Khandaker I. Anam


Authorized Signature



Due to the small size of asbestos fibers associated with vinyl floor tiles, TEM analysis is recommended for all floor tiles containing <1% or no detectable asbestos by visual estimation.

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The following analytical results presented in this report pertain only to the samples analyzed. American Asbestos Laboratories assumes no responsibility for whether the samples accurately represent the material in question.

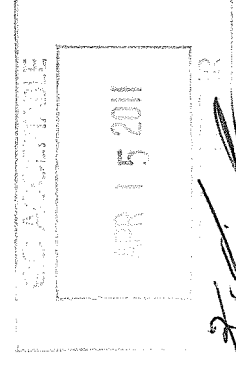
LABORATORY BULK SAMPLE ANALYSIS REPORT

CLIENT : CROSS ENVIRONMENTAL SERVICES
PROJECT : MANATEE CTY HISTORICAL CRTHSE

Samples were analyzed in accordance with the Interim
Method as described in 40 CFR, Part 763, Vol. 52, No. 210

WORK ORDER NUMBER: M104161

ID#	ANA	DESCRIPTION	LOCATION	SAMPLE NUMBER	PERCENT ASBESTOS FIBERS					%NON-ASB FIBERS
					CHRY	AMOS	CROC	TREM	ANTH	
01A	KIA	TAN PEBBLE VINYL SHEET	#1 ON MAP	047	NO ASBESTOS DETECTED					15-25
* Comments:										
01B	KIA	TAN PEBBLE VINYL SHEET	#2 ON MAP	048	NO ASBESTOS DETECTED					15-25
* Comments:										
01C	KIA	TAN PEBBLE VINYL SHEET	#3 ON MAP	049	NO ASBESTOS DETECTED					15-25
* Comments:										



Analytical results pertain only to the sample(s) analyzed.

Quality Control Officer

ABBREVIATIONS: ANA = Analyst; ASB = Asbestos; CHRY = Chrysotile; AMOS = Amosite; CROC = Crocidolite; TERM = Term/Act; ANTH = Anthophyllite; ACT = Actinolite; AL = Aluminum; ANTH = Anthophyllite; BLK = Black; BACK = Backing; BL = Blue; BRN = Brown; C = Cellulose; CALC = Calcareous; CPT = Carpet; CTL = Ceiling tile; CEM = Cement; COV = Cover; DEB = Debris; FG = Fiberglass; FIB = Fibrous, fibers; MAS = Mastic; MAT = Material; MIC = Micaceous; MW = Mineral wool; ORG = Orange; PAL = Paint; PAP = Paper; PL = Plaster; PLAS = Plastic; PWDR = Powder; RCF = Refractory ceramic fiber; RUB = Rubber; SIL = Silver; SR = Sheet rock; SUB = Substance; S = Synthetic; TEXT = Textured; TR = Trace; TRAN = Transite; TREM = Tremolite; VERM = Vermiculite; VYL = Vinyl; W = Wollastonite; WH = White; YEL = Yellow.



5005 W. Laurel Street, Suite 110
Tampa, Florida 33607
(813) 287-1005 Phone
(813) 287-8545 Fax

★ ADD ON SURV
Sample
M104161

BULK TRANSMITTAL FORM CHAIN OF CUSTODY

CLIENT: CES

CLIENT CONTACT: Ross worky

DATE COLLECTED: 4/14/11

DATE SENT: 4-15-11

PROJECT: MANATEE COUNTY HIST COURT HOUSE

PROJECT NUMBER: 2011-4210

DATE VERBAL NEEDED: 4-15-11

DATE WRITTEN NEEDED: 4-18-11

STOP AT FIRST POSITIVE: Y ☒ (circle one)

SAMPLE PREFIX 001

SAMPLE NUMBER	COLOR	SAMPLE DESCRIPTION	SAMPLE LOCATION
1. <u>047</u>	<u>TAN</u>	<u>PEBBLE SHED UYNLE</u>	<u>#1 ON MAP</u>
2. <u>048</u>	<u>↓</u>	<u>↓</u>	<u>#2 ON MAP</u>
3. <u>049</u>	<u>↓</u>	<u>↓</u>	<u>#3 ON MAP</u>
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			

CHAIN OF CUSTODY:

DATE/TIME

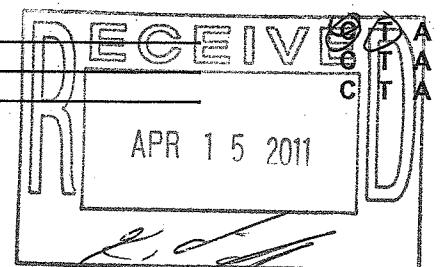
4.14.11

PRINT NAME/SIGNATURE

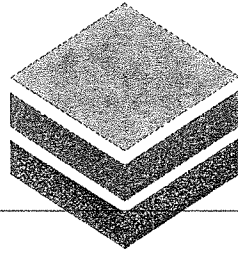
MIKE RUD MAN R

PURPOSE

C= Collection T= Transportation A= Analysis



APPENDIX C
CERTIFICATES



M·E·T·A
Mayhew Environmental Training Associates
I N C O R P O R A T E D

Certificate # 7ME05131001AIR0017

This is to certify that

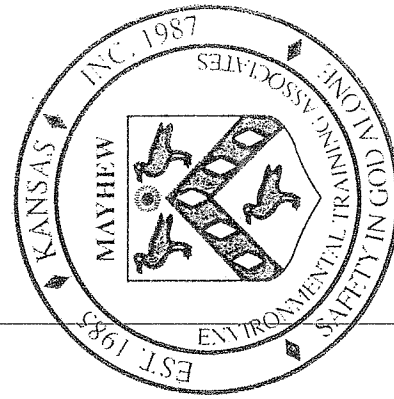
Michael H. Reid

*has on 5/13/10, in Tampa, FL
completed the requirements for asbestos accreditation under Section 206 of TSCA Title II, 15 U.S.C. 2646*

AHERA Asbestos Building Inspector Refresher Course

*as approved by the State of Florida and the U.S.E.P.A. under 40 C.F.R. 763 (AHERA)
on 5/13/10 - 5/13/10 and passed the associated examination on 5/13/10
with a score of 70% or better*

CM = 0.5



Provider #: FL49-0001221
Course #: FL49-0004718

Soc. Sec #: XXX-XX-4273
Accreditation Expires: 5/13/11

Dean C. Althage

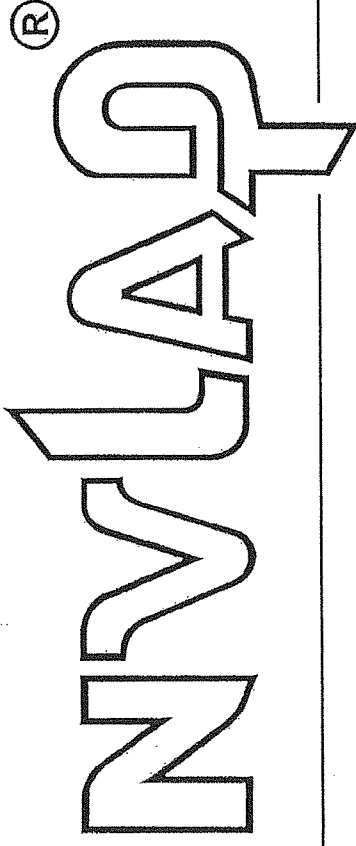
Instructor
Dean Althage

Thomas Bradford Mayhew

President
Thomas Bradford Mayhew

META - P.O. Box 786 - Lawrence KS 66044 - 800-444-6382

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 101775-0

American Asbestos Laboratories, Inc.
Tampa, FL

is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:

BULK ASBESTOS FIBER ANALYSIS

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communiqué dated January 2009).*

2010-04-01 through 2011-03-31

Effective dates



Dolly J. Bruce
For the National Institute of Standards and Technology

AC# 4590097

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
ASBESTOS LICENSING UNIT

SEQ# L09091503701

DATE	BATCH NUMBER	LICENSE NBR
09/15/2009	090140625	ZA344

The ASBESTOS BUSINESS ORGANIZATION
Named below IS LICENSED
Under the provisions of Chapter 469 FS.
Expiration date: NOV 30, 2011

EE & G ENVIRONMENTAL SERVICES LLC
JAY W SALL
14505 COMMERCE WAY SUITE 400
MIAMI LAKES FL 33014

CHARLIE CRIST
GOVERNOR

CHARLES W. DRAGO
SECRETARY

DISPLAY AS REQUIRED BY LAW

AC# 5227070

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
ASBESTOS LICENSING UNIT

SEQ# L10092501299

DATE	BATCH NUMBER	LICENSE NBR
09/25/2010	100120327	DD0000010

The ASBESTOS CONSULTANT
Named below IS LICENSED
Under the provisions of Chapter 469 FS.
Expiration date: NOV 30, 2012

COTTRELL, DANIEL JOSEPH
6367 SW 44 ST
MIAMI

FL 33155-5142

CHARLIE CRIST
GOVERNOR

CHARLIE LIEM
SECRETARY

DISPLAY AS REQUIRED BY LAW