

MISSISSIPPI ASBESTOS DEMOLITION/RENOVATION NOTIFICATION FORM

Mail notification to: MDEQ Asbestos and Lead Branch, 515 E. Amite Street, Jackson, MS 39201

MDEQ Use Only: ☒ Email ☐ Mail ☐ Hand Delivery		Postmark (mail only)	Date Received 6/30/2025	AI Number
I. Type of Notification (O=Original R=Revised C=Canceled A= Annual): Original				
II. TYPE OF OPERATION (D=Demo O= Ordered Demo R=Renovation E=Emer. Renovation): R				
III. FACILITY DESCRIPTION (Include building name, number and floor or room number): post office				
Bldg. Name: Lumberton Master Post Office				
Address: 7877 US Hwy 11				
City: Lumberton		State: MS	Zip: 39455	
Site Location: various locations throughout the facility			Tel: 773-899-4879	
Building Size: 7224		# of Floors: 2 plus basement	Age in Years: 93	
Present Use: Post Office		Prior Use: Post Office		
IV. FACILITY INFORMATION (Identify owner, asbestos removal contractor, and other operator)				
OWNER NAME: United States Postal Service				
Address: 401 E South Street				
City: Jackson		State: MS	Zip: 39201	
Contact: Patty Frederick			Tel: 601-968-5760	
ASBESTOS REMOVAL CONTRACTOR: 1 Priority Environmental Services, LLC				
Address: 4028 Daley Ave				
City: Fort Worth		State: TX	Zip: 76180	
Contact: Jeff Ragan Gary Caldwell			Tel: 337-579-8084	
Certification Number: ABC-00013472			Expiration Date: 11/07/2025	
OTHER OPERATOR: WSP				
Address: 30 North LaSalle St Suite 4200				
City: Chicago		State: IL	Zip: 60602	
Contact: Isaac Sageman			Tel: 773-899-4879	
V. WAS SITE INSPECTED TO DETERMINE PRESENCE OF ASBESTOS? (Yes/No): Yes				
WAS ASBESTOS PRESENT? (Yes/No): Yes			Inspection Date: various days in May 1995	
Inspector: Shawn P McCormick		Certification Number: 1801	Expiration Date: 11/29/1995	
VI. SUSPECT MATERIALS SAMPLED AND PROCEDURES USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL: PCM analytical methodology procedure used... full report included				
VII. QUANTITY OF RACM TO BE REMOVED: 360 lft of TSI/Fittings				
Pipes (LN FT): 320		Surface Area (SQ FT): 60	Volume of Facility Components (CU FT):	
VIII. QUANTITY OF NONFRIABLE ASBESTOS NOT REMOVED:				
Category I:		Category II:		
IX. SCHEDULED DATES ASBESTOS REMOVAL (MM/DD/YY) Start: 07/22/25			Complete: 07/28/25	
X. SCHEDULED DATES DEMO/RENOVATION (MM/DD/YY) Start:			Complete:	

XI. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK, AND METHOD(S) TO BE USED:		
Procedures will include wet methods, removal of asbestos materials by hand. And Double bagging all asbestos waste		
XII. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION OR RENOVATION SITE:		
Utilized negative pressure containment ,Work will be performed utilizing wet methods		
XIII. WASTE TRANSPORTER #1		
Name: Waste Management		
Address: 12209 Peters Rd		
City: Harvey	State: LA	Zip: 70058
Contact Person: Kim Herring	Tel: 713-423-1775	
WASTE TRANSPORTER #2		
Name:		
Address:		
City:	State:	Zip:
Contact Person:	Tel:	
XIV. WASTE DISPOSAL SITE		
Name: Pine Belt Regional Solid Waste Management Authority		
Address: 5274 Highway 29 South		
City: Runnelstown	State: MS	Zip: 39401
Contact Person: Tony Harrison	Tel: 601-545-6676 ext 3	
XV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY BELOW:		
Name:	Title:	
Authority:		
Date of Order (MM/DD/YY):	Date Ordered to Begin (MM/DD/YY):	
XVI. FOR EMERGENCY RENOVATIONS:		
Date and Hour of Emergency (MM/DD/YY):		
Description of the sudden unexpected event:		
Explanation of how the event caused unsafe conditions or would cause equipment damage or an unreasonable financial burden:		
XVII. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER:		
Keep materials wet and notify DEQ immediately.		
XVIII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (40 CFR PART 61, SUBPART M) WILL BE ONSITE DURING THE DEMOLITION OR RENOVATION, AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS.		
Brandy Mathews		06/30/2025
Type or Print Name	(Signature of Owner/Operator)	(Date)
XIX. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT:		
Brandy Mathews		06/30/2025
Type or Print Name	(Signature of Owner/Operator)	(Date)

ASBESTOS AND LEAD PAINT SURVEY

LUMBERTON MAIN POST OFFICE LUMBERTON, MISSISSIPPI 39455-9998



CONTRACT NUMBER 475450-94-B-0320
PROJECT NUMBER H00228
WORK ORDER NUMBER 13.00

Prepared for:
Mississippi District
401 E. South Street
Jackson, Mississippi 39201
(601) 968-5760



Prepared by:
Law Environmental, Inc.
114 Town Park Drive
Kennesaw, Georgia 30144-5569
(404) 499-6800

October 2, 1995

1030053905

5890869502

CONTRACT NUMBER 475450-94-B-0320
PROJECT NUMBER H00228
WORK ORDER NUMBER 13.00

ASBESTOS SURVEY OF
LUMBERTON POST OFFICE
7877 U.S. HIGHWAY 11
LUMBERTON, MISSISSIPPI
39455-9998

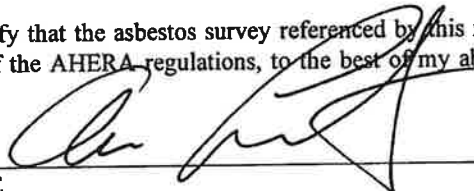
PREPARED FOR
UNITED STATES POSTAL SERVICE
MISSISSIPPI DISTRICT
401 E. SOUTH STREET
JACKSON, MISSISSIPPI 39201
601-968-5760

PREPARED BY
LAW ENVIRONMENTAL, INC.
KENNESAW, GEORGIA
(404) 499-6800

OCTOBER 2, 1995

USER AGENCY: U.S.P.S
FACILITY NAME: LUMBERTON POST OFFICE
FINANCE/SUB. NO.: 27-4537/G01
FACILITY ADDRESS: 7877 U.S. HIGHWAY 11
CITY, STATE, ZIP + 4: LUMBERTON, MISSISSIPPI 39401-9998
DATE OF SURVEY: MAY 3, 1995
CONSULTING FIRM NAME: LAW ENVIRONMENTAL, INC.
CONSULTING FIRM ADDRESS: 114 TOWNPARK DRIVE
CITY, STATE, ZIP + 4: KENNESAW, GEORGIA 30144-5569
CONSULTING FIRM PHONE NO.: (404) 499-6800

I hereby certify that the asbestos survey referenced by this report was conducted in general accordance with intent of the AHERA regulations, to the best of my ability and knowledge.


SIGNATURE

PRINTED NAME: Wm. Allen Lancaster

TITLE: Chief Engineer

**LAW**

ENGINEERING AND ENVIRONMENTAL SERVICES

October 2, 1995

Ms. Patty Frederick
Project Manager
United States Postal Service
928 Nesbit Road
Nesbit, Mississippi 38651-9998

Subject: Report of Survey for Asbestos-Containing Materials
Lumberton Post Office, Lumberton, Mississippi
Contract 475450-94-B-0320, USPS Work Order 13.00
LAW Project 589-0869502/1030053905

Dear Ms. Frederick:

Law Environmental, Inc. (LAW) is pleased to present the United States Postal Service (USPS) with this report of our findings based on a survey for asbestos at the Lumberton Main Post Office, 7877 U.S. Highway 11, Lumberton, Mississippi. The survey was conducted on May 3, 1995, by Messers. Shawn McCormick and Andy Polak of Law Engineering.

Asbestos-containing materials (ACM) are present at the subject facility. An executive summary, findings, recommendations, and supporting documentation are included in this report. A preliminary opinion of costs for the response actions recommended will be submitted under separate cover.

We appreciate the opportunity to provide environmental consulting services on this project. If you have any questions or require additional information or services, please call Bill Wright at (404) 421-3350.

Sincerely,

LAW ENVIRONMENTAL, INC.

Ross D. Marland
Project Professional

Wm. Allen Lancaster
Chief Engineer

R. W. (Bill) Wright, P.E.
Program Manager

G. Kelly Harwell, P.E. BY RDM
Principal Engineer WITH PERMISSION
Mississippi Management Planner
No. MP-235-72-1408
(expires June 1, 1996)

LAW ENVIRONMENTAL, INC.
GOVERNMENT SERVICES DIVISION

114 TOWNPARK DRIVE, SUITE 400 • KENNESAW, GA 30144-5569
(404) 499-6800 • FAX (404) 421-3593

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- K. Air Sampling and Analysis Methodologies
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1.0 EXECUTIVE SUMMARY

Under an indefinite delivery order contract, the U.S. Postal Service (USPS) retained Law Environmental, Inc. (LAW) to perform a survey for asbestos at the Lumberton Main Post Office located at 7877 U.S. Highway 11, Lumberton, Mississippi. The purpose of this survey was to identify asbestos-containing materials (ACM) in general accordance with AHERA protocols, to generally assess the quantity and condition of the identified ACM, and to recommend response actions based on the condition of the materials. The enclosed report describes the survey tasks and presents our observations, findings, and recommendations.

A total of 31 bulk samples of suspect asbestos-containing materials were collected from various locations throughout the facility. Of these 31 samples, 24 samples were analyzed by Polarized Light Microscopy (PLM) using the "first positive analysis" protocol recommended by the U.S. Environmental Protection Agency (EPA). Asbestos-containing materials identified at the facility are listed below:

- White 9 by 9 inch floor tile and associated mastic located in the Postmaster's office. (Non-Friable, Fair to Good Condition)
- Pipe insulation located in the crawl space between floors. (Friable, Fair to Good Condition)
- Pipe fitting insulation located in the crawl space between floors. (Friable, Fair to Good Condition)
- HVAC unit insulation in the 2nd floor mechanical room. (Friable, Fair to Good Condition)

Sampling roofing materials at the facility was specifically excluded from the scope of the survey.

A complete description of suspect asbestos-containing material samples, along with their analytical results, can be found in the attached tables and appendices.

We recommend that the identified ACM materials be removed prior to renovation or demolition activities which may disturb them. If the materials are not likely to be disturbed during renovation or demolition activities, then the ACM materials can be managed and maintained under an

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Operations and Maintenance (O&M) Program designed to reduce asbestos hazards through in-place management.

2.0 METHODOLOGY

This report addresses the asbestos survey performed at the U.S. Postal Service (USPS) Lumberton Main Post Office facility located at 7877 U.S. Highway 11 in Lumberton, Mississippi. In this section we describe the following:

- A description of the subject site
- The purpose and scope of our survey
- Our asbestos survey methodology
 - Field survey and sampling procedures
 - QA/QC sampling procedures
 - Laboratory analytical procedures
 - Air sampling and analytical procedures

2.1 SITE DESCRIPTION

The Lumberton Main Post Office, located at 7877 U.S. Highway 11 in Lumberton, Mississippi, is an active mail processing center serving the public. This post office was constructed in approximately 1931, encompasses approximately 7,224 square feet of floor space, and has two stories plus a basement. The building consists of a concrete floor slab, brick walls, concrete columns, steel beams, and a wooden roof deck. Typical interior finishes include resilient floor tiles, concrete floors, terrazzo floors, wood floors, quarry and ceramic tile floors, plaster walls and ceilings, acoustical ceiling tiles, and wood ceilings. Functional spaces at the facility include: a box lobby, a sorting room, offices, storage rooms, bathrooms, mechanical rooms, an observation room, vestibules, and a loading dock at the exterior. The facility uses a forced-air heating, ventilating, and air conditioning (HVAC) system with insulated metal ducting. Domestic water piping and mechanical system piping are insulated with a variety of materials.

2.2 PURPOSE AND SCOPE

The purpose of this survey was to identify the presence of asbestos-containing materials (ACM) at the facility using applicable AHERA protocols. Types, locations, and approximate quantities of asbestos-containing materials are identified in this report. Our survey findings have been used to develop recommendations for abatement or in-place management of the identified ACM.

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The asbestos survey was performed on May 3, 1995, by Messers. Shawn McCormick and Andy Polak of Law Engineering, Inc. Mr. McCormick and Mr. Polak are accredited asbestos inspectors in accordance with AHERA requirements.

This survey was performed under USPS Contract No. 475450-94-B-0320. General project scope requirements were outlined in Delivery Order 13.00 of that contract. Assessment of roofing systems, and collection and analysis of samples of roofing materials were specifically excluded by the USPS from the scope of work for this facility.

2.3 ASBESTOS SURVEY METHODOLOGY

The scope of the asbestos survey included the observation of accessible interior and exterior building components at the facility for suspected asbestos-containing materials. The suspect materials observed were categorized by homogeneous material type, functional space, general condition, and friability. A homogeneous material is a suspect material that seems by texture, color, and wear to be uniform, and that appears to have been applied and used during the same time period. For purposes of this survey, functional spaces are defined as a room or group of rooms with the same functional intent such as a box lobby, service lobby, sorting room, etc. EPA has defined as "friable" those materials that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.

Samples from each homogeneous suspect material were taken in accordance with current EPA and OSHA bulk sampling guidelines. These protocols were utilized to reduce the likelihood of "false negative" analyses. The samples were analyzed in accordance with the AHERA "first positive analysis" protocol recommended by the EPA.

2.3.1 Asbestos Field Survey and Sampling Procedures

The following tasks were performed as part of this asbestos survey:

1. A visual survey was performed to identify functional spaces and homogeneous suspect asbestos-containing materials, and to assess their condition, friability, potential for damage/disturbance and potential to expose occupants and visitors of the facility to asbestos fibers.

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2. Samples of accessible suspect materials were collected and analyzed at LAW's laboratory utilizing EPA-recommended procedures.
3. The quantities of sampled and assumed ACM were estimated.
4. Air samples were collected and analyzed to measure airborne fiber concentrations within the facility.

2.3.2 Asbestos Laboratory Analytical Procedures

The suspect ACM samples were collected and delivered to our laboratory in Norcross, Georgia, for visual inspection and microscopic analysis. LAW's Norcross Laboratory is accredited under NVLAP and has been assigned NVLAP Lab Code No. 1235. The samples were analyzed using Polarized Light Microscopy (PLM) coupled with Dispersion Staining, as outlined in the EPA's "Method for the Determination of Asbestos in Bulk Building Materials" (EPA-600/R-93/116, July, 1993). Analysis results of the suspect asbestos-containing bulk samples are located in Table 1.

2.3.3 Asbestos QA/QC Bulk Sampling Procedures

For quality assurance/quality control (QA/QC) purposes, dual samples were collected of randomly selected suspect ACM at a rate of approximately 5 percent. A total of two QA/QC Bulk Samples were obtained and analyzed. The QA/QC samples were sent to LAW's Birmingham, Alabama Laboratory for analysis utilizing PLM. LAW's Birmingham Laboratory is accredited under NVLAP and has been assigned NVLAP Lab Code No. 1066.

Each of the two analytical results of the QA/QC dual samples collected at the facility was similar to its corresponding bulk sample. A summary of results of the QA/QC samples is located in Table 2.

2.3.4 Air Sampling and Analytical Procedures

A total of 5 air samples were collected from the Lumberton Post Office facility. All samples were collected and analyzed in general accordance with the NIOSH Method 7400 for Phase Contrast Microscopy (PCM). The sample with the highest airborne fiber concentration as measured by PCM

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was selected for subsequent analysis using Transmission Electron Microscopy (TEM). The TEM sample was analyzed by LAW's Norcross, Georgia Laboratory using AHERA protocols.

A description of sample results is located in section 3.4. Additional information regarding the air sampling and analysis procedures is contained in Appendix K.

3.0 ASBESTOS SURVEY FINDINGS AND RECOMMENDATIONS

For this facility, suspect ACM was identified and grouped into functional spaces and homogeneous materials by the survey team prior to bulk sample collection. The identified types of suspect asbestos-containing homogeneous materials included:

- Wall and ceiling plaster
- White 9 by 9 inch floor tiles and associated mastic
- Fibrous wall and ceiling panels
- White 12 by 12 inch fissured acoustical ceiling tiles
- Pipe insulation
- Pipe fitting insulation
- Black mastic on piping
- Insulation on HVAC units

Thirty-one bulk samples were collected; however, only 24 were analyzed using the "first positive" analysis protocol recommended by the EPA. The EPA has defined as asbestos-containing materials those materials that contain greater than 1 percent asbestiform minerals.

Homogeneous materials identified as asbestos-containing by laboratory analysis at the facility include:

- White 9 by 9 inch floor tile and associated mastic located in the Postmaster's office - approximately 150 square feet.
- Pipe insulation located in the crawl space between floors - approximately 320 linear feet.
- Pipe fitting insulation located in the crawl space between floors - approximately 100 square feet.
- HVAC unit insulation in the 2nd floor mechanical room - approximately 100 square feet.

Photographs of these materials can be found following Sections 3.1 and 3.2 of this report.

No asbestos was observed in samples collected of acoustical ceiling tiles, fibrous wall and ceiling panels, black mastic on piping, or wall and ceiling plaster. Photographs of these materials can be found following Section 3.3 of this report.

Plans indicating approximate locations of identified asbestos-containing materials are included in Appendix E. A complete listing of materials sampled, the results of laboratory analyses, and plans indicating the sample locations are included in Appendix B, Appendix C, and Appendix D, respectively.

No materials with trace amounts of asbestos were observed at this facility. No materials were assumed to be asbestos-containing at this facility.

3.1 FRIABLE ASBESTOS-CONTAINING MATERIALS

3.1.1 Friable ACM - Thermal System Insulation

The asbestos-containing pipe insulation and pipe fitting insulation was observed to be in fair to good condition and was determined to be friable. This material was found in the crawl space between floors, and was rated as having "low" accessibility and "low" exposure potential.

The asbestos-containing insulation on the HVAC unit was observed to be in fair to good condition and was determined to be friable. This material was found in the 2nd floor mechanical room, and was rated as having "medium" accessibility and "low" exposure potential.

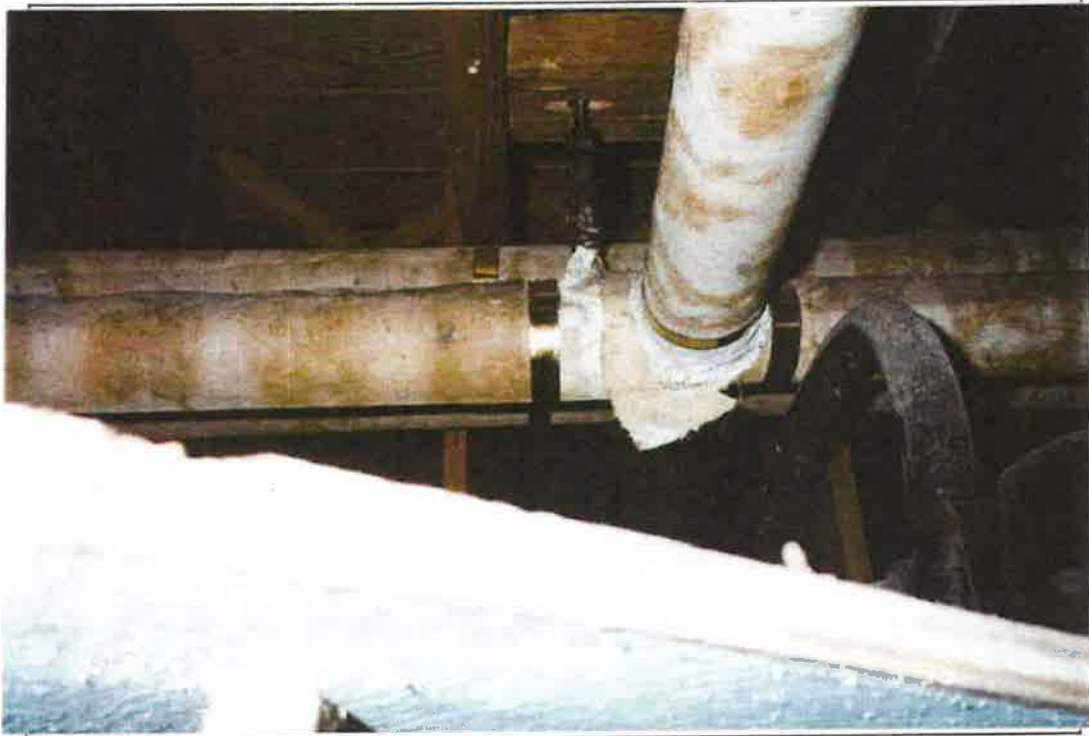
3.1.2 Friable ACM - Surfacing Materials

No friable asbestos-containing surfacing materials were observed at this facility.

3.1.3 Friable ACM - Miscellaneous Materials

No friable asbestos-containing miscellaneous materials were observed at this facility.

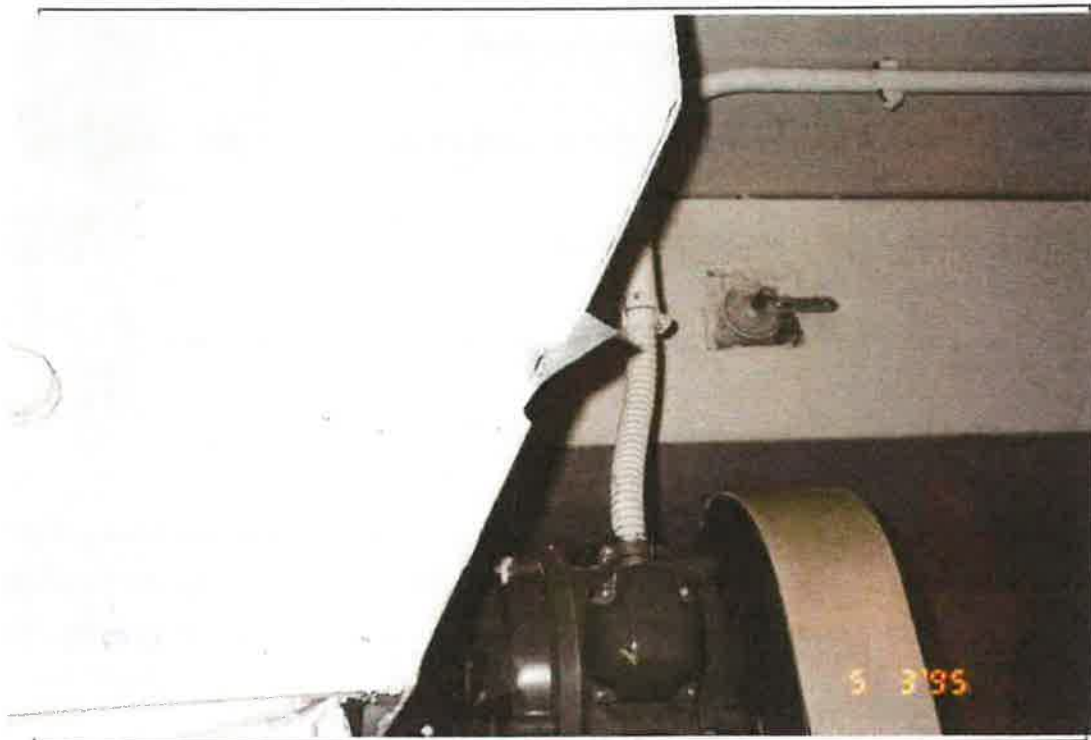
3.1.4 Friable ACM - Photographs



Asbestos-containing pipe insulation.



Asbestos-containing pipe fitting insulation.



Asbestos-containing HVAC insulation.

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3.2 NON-FRIABLE ASBESTOS-CONTAINING MATERIALS

3.2.1 Non-Friable ACM - Thermal System Insulation

No non-friable asbestos-containing thermal system insulation materials were observed at this facility.

3.2.2 Non-Friable ACM - Surfacing Materials

No non-friable asbestos-containing surfacing materials were observed at this facility.

3.2.3 Non-Friable ACM - Miscellaneous Materials

The white 9 by 9 inch floor tiles and associated mastics identified as asbestos-containing were found to be in fair to good condition and were determined to be nonfriable. This material was limited to the Postmaster's office, was rated as having "medium" accessibility and "low" exposure potential.

3.2.4 Non-Friable ACM - Photographs



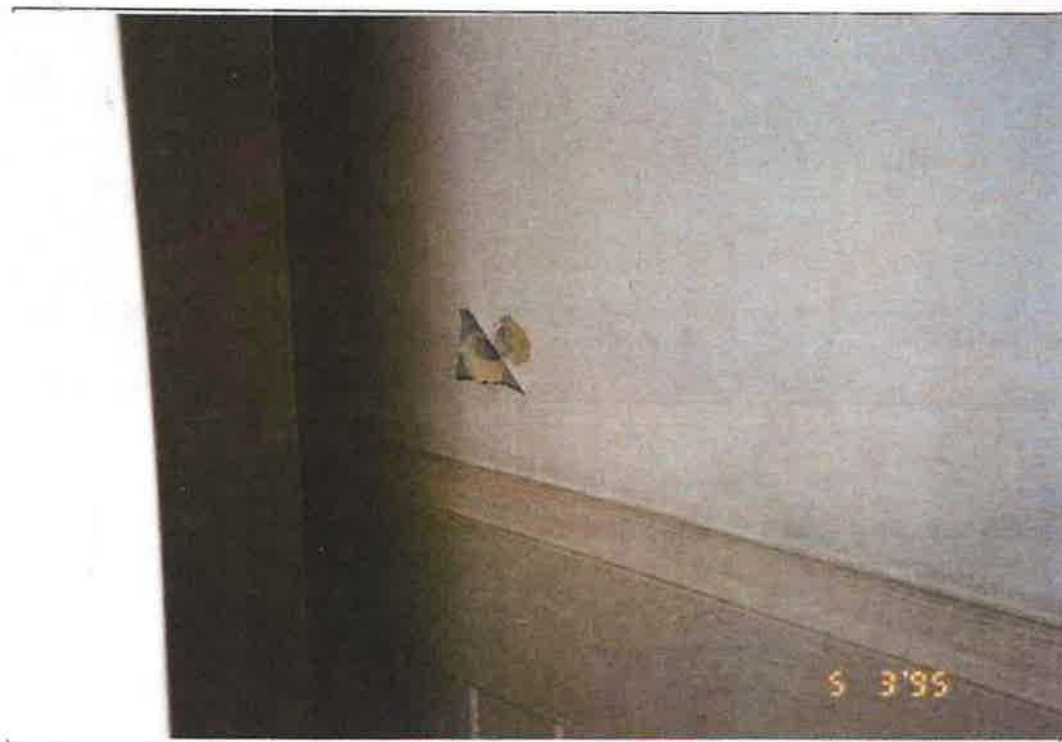
Asbestos-containing white 9 by 9 inch floor tile and associated mastic.

3.3 NON-ASBESTOS-CONTAINING MATERIALS

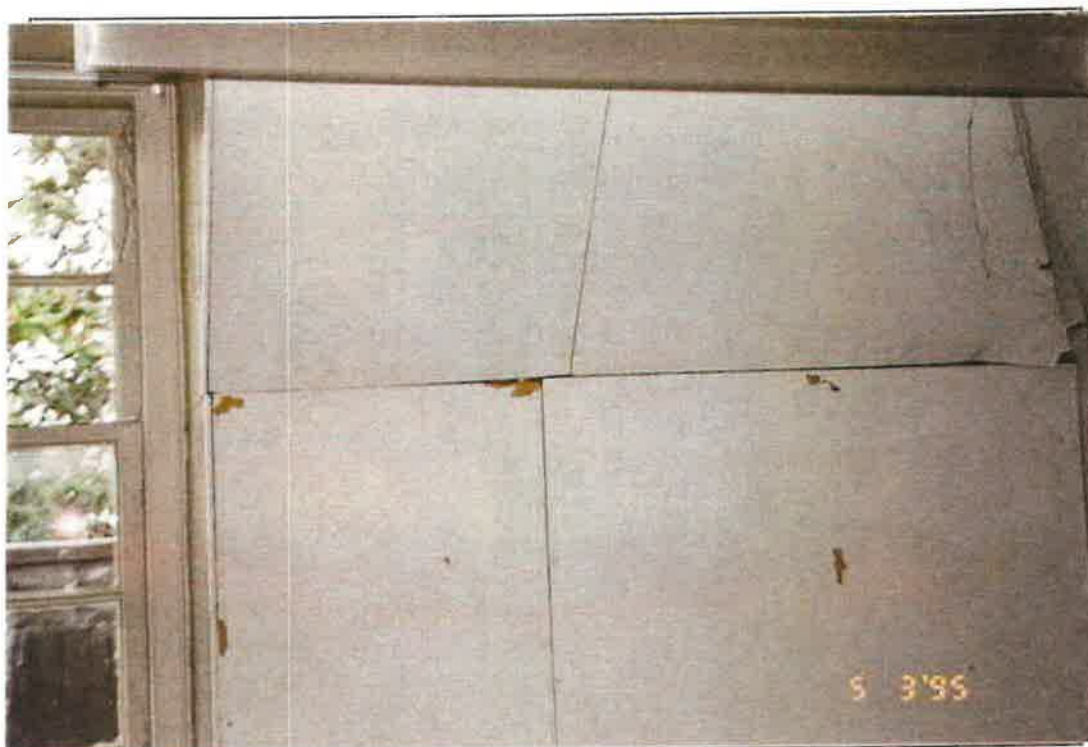
The following materials were found to be non-asbestos-containing:

- Wall and ceiling plaster
- Fibrous wall and ceiling panels
- White 12 by 12 inch fissured acoustical ceiling tiles
- Black mastic on piping

3.3.1 Non-Asbestos-Containing Materials - Photographs



Non-ACM wall plaster.



Non-ACM fibrous wall and ceiling panels.

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Non-ACM black mastic on piping.



Non-ACM white 12 by 12 fissured acoustical ceiling tiles.

3.4 AIR SAMPLE ANALYSIS RESULTS

PCM analysis of the 5 air samples collected revealed airborne fiber concentrations of less than 0.01 fibers per cubic centimeter (f/cc) of air using a 95% confidence level. These fiber concentrations are below both the accepted industry standard level of 0.01 f/cc, and the Permissible Exposure Limit of 0.1 f/cc, as established by OSHA.

The sample with the highest fiber concentration as measured by PCM was subsequently analyzed by TEM methods. No asbestos was detected on the sample analyzed by TEM. A complete listing of the samples collected, sample locations, and analytical results is presented in Appendix I.

3.5 ASBESTOS RECOMMENDATIONS

The recommendations for response actions at the facility have been based on the current condition of the ACM identified and exposure potential for postal personnel and visitors. Alternatives and guidelines for performing any necessary management or abatement of ACM are included in Appendix L.

The materials identified as asbestos-containing at this facility were: (1) white 9 by 9 inch floor tiles and associated mastics, (2) pipe insulation, (3) pipe fitting insulation, and (4) HVAC insulation.

The flooring materials were observed to be in fair to good condition, were considered nonfriable, and were judged as having limited ("low") exposure potential. The pipe insulation and pipe fitting insulation were observed to be in fair to good condition, were considered friable, and were judged as having limited ("low") exposure potential. The HVAC insulation was observed to be in fair to good condition was considered friable, and was judged as having a "low" exposure potential.

We recommend that all asbestos-containing materials identified at the site be included in an Operations and Maintenance (O&M) Program for in-place management. If these materials are likely to be disturbed during renovation activities, they should be properly abated by a qualified contractor under a strict specification prior to the renovation activities.

3.5.1 Asbestos Removal

Asbestos-containing material at the facility should be removed if it will be impacted by future renovation work. The following general recommendations are made with regard to any removal activities to be conducted at the site:

- Any damaged ACM, or ACM in areas scheduled to undergo renovation should be removed or repaired in accordance with Federal, State, and local regulations and guidelines.
- Any asbestos contractor hired for such work should be experienced and properly licensed and certified to conduct asbestos abatement.
- Materials which can potentially be rendered friable and release asbestos fibers should be wetted using amended water before and during handling, and should be removed only under adequate containment and engineering controls by a qualified asbestos removal contractor.
- Nonfriable materials should be removed in a manner which reduces the chances of breaking the material and avoids fiber release from the broken area.
- All ACM should be containerized either by double wrapping it in 6-mil polyethylene sheeting with labels, or in 6-mil polyethylene prelabeled bags. The containerized ACM should be disposed in a landfill approved for handling asbestos wastes.
- The asbestos abatement contractor should be released only after the work area has been cleared by visual inspections and rigorous air tests, conducted in accordance with Federal, State, and local regulations and guidelines.
- Plans and specifications for removing ACM from this site should be developed by a qualified architectural or engineering design firm independent from the abatement contractor. The abatement contractor selected for the work should be required to follow these plans and specifications.
- The abatement work should be monitored by an independent consultant, and compliance testing should be accomplished by an accredited laboratory.

3.5.2 Asbestos-Containing Materials Operations and Maintenance

Friable and nonfriable damaged ACM may release fibers during routine worker activities, including activities such as floor care and minor repair and installation work. As defined in National Emission Standards For Hazardous Air Pollutants (NESHAP) Regulations, 40 CFR 61, Subpart M,

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"friable asbestos material" is any material containing more than 1 percent asbestos that can be crumbled, pulverized, or reduced to powder by hand pressure when dry. Nonfriable, undamaged ACM generally does not release asbestos fibers into the air, unless disturbed by sanding, cutting, or grinding, or unless the material is otherwise damaged.

An O&M program should be developed for all remaining ACM identified at this post office facility. Employee training should be implemented immediately to reduce the potential for disturbing ACM and thus possibly causing release of asbestos fibers. The EPA document entitled "Managing Asbestos In Place" (EPA OPTS 20T-2003, July 1990) may be used as a guide in developing the O&M Program Plan. The NESHAP Regulations 40 CFR 61, Subpart M, require removal of ACM before renovation or demolition that will disturb those materials and render them friable. Therefore, any future renovation, expansion, or demolition activities at the facility should follow the NESHAP regulations in addition to the guidelines set forth in a site-specific O&M program.

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4.0 QUALIFICATIONS OF THE REPORT

This report presents the general description of various suspect ACM identified in the building, and the general locations where these materials were observed. The conclusions and recommendations contained in this report are based upon the background information furnished to us and the test data obtained during this limited survey. Destructive activities, such as breaking through walls or ceilings, were not performed for the purpose of obtaining samples, and no attempt was made to disassemble equipment. Therefore, it is possible that other suspect asbestos-containing materials are present within the building, but were inaccessible during our survey. If questions arise during the planning for renovation or construction projects as to the presence of identified or additional suspect ACM, we should be notified in order to review the conditions and present recommendations.

This report has been prepared on behalf of and exclusively for the use of the United States Postal Service. This report and the findings contained herein shall not, in whole or in part, be disseminated or conveyed to any other party or be used or relied upon by any other party, in whole or in part, without LAW's prior written consent.

TABLE 1
ASBESTOS BULK SAMPLE ANALYSIS RESULTS

TABLE 2
ASBESTOS BULK SAMPLE QA/QC ANALYSIS RESULTS

**Asbestos Bulk Sample
QA/QC Analysis Results**

Lumberton Post Office
Lumberton, Mississippi

Page 1 of 1

Sample Number	Analysis Result	Corresponding Sample No.	Corresponding Result	Results Agree?
02-32	ACM	02-30	ACM	YES
02-33	NAO	02-7	NAO	YES

NAO - No Asbestos Observed
ACM - Asbestos-Containing Material
ACM* - Determined to be ACM based on analysis of other samples within the homogeneous material group
Refer to Appendix C for more information.
LAW PROJECT 5890869502

TABLE 3
ASBESTOS AIR MONITORING RESULTS

Asbestos Bulk Sample Analysis Results

Lumberton Post Office

Lumberton, Mississippi

Page 1 of 2

Sample Number	Functional Space	Homogeneous Material No.	Homog. Assay No.	Sample Location	Material Description	Analysis Result
02-1	11	1	1	Sorting Room	Plaster	NAO
02-2	12	1	2	Postmaster's Office	Plaster	NAO
02-3	12	1	3	Postmaster's Office	Plaster	NAO
02-4	12	1	4	Postmaster's Office	Plaster	NAO
02-5	6	1	5	Office #1	Plaster	NAO
02-6	7	1	6	Office #2	Plaster	NAO
02-7	3	1	7	Hallway #1	Plaster	NAO
02-8	12	2	1	Postmaster's Office	White 9" x 9" Floor Tile and Mastic	ACM
02-9	12	2	2	Postmaster's Office	White 9" x 9" Floor Tile and Mastic	ACM*
02-10	12	2	3	Postmaster's Office	White 9" x 9" Floor Tile and Mastic	ACM*
02-11	23	6	1	Crawlspace between floors	White Pipe Fitting Insulation	ACM
02-12	23	6	2	Crawlspace between floors	White Pipe Fitting Insulation	ACM*
02-13	23	6	3	Crawlspace between floors	White Pipe Fitting Insulation	ACM*
02-14	12	5	1	Postmaster's Office	12" by 12" Fissured Ceiling Tile	NAO
02-15	12	5	2	Postmaster's Office	12" by 12" Fissured Ceiling Tile	NAO
02-16	12	5	3	Postmaster's Office	12" by 12" Fissured Ceiling Tile	NAO
02-17	23	7	1	Crawlspace between floors	Brown Pipe Insulation	ACM
02-18	23	7	2	Crawlspace between floors	Brown Pipe Insulation	ACM
02-19	23	7	3	Crawlspace between floors	Brown Pipe Insulation	ACM*
02-20	19	8	1	Storage Room #2	Black Wall Mastic	NAO
02-21	2	3	1	Attic	Brown Ceiling Board above ceiling Tiles	NAO
02-22	2	3	2	Attic	Brown Ceiling Board above ceiling Tiles	NAO
02-23	2	3	3	Attic	Brown Ceiling Board above ceiling Tiles	NAO
02-24	8	4	1	Office #3	Brown Wall Board	NAO
02-25	8	4	2	Office #3	Brown Wall Board	NAO

NAO - No Asbestos Observed

ACM - Asbestos-Containing Material

ACM* - Determined to be ACM based on analysis of other samples within the homogeneous material group.

Refer to Appendix C for more information.

LAW PROJECT 5890869502

Asbestos Bulk Sample Analysis Results

Lumberton Post Office
Lumberton, Mississippi

Page 2 of 2

Sample Number	Functional Space	Homogeneous Material No.	Homog. Assay No.	Sample Location	Material Description	Analysis Result
02-26	8	4	3	Office #3	Brown Wall Board	NAO
02-27	19	8	2	Storage Room #2	Black Wall Mastic	NAO
02-28	19	8	3	Storage Room #2	Black Wall Mastic	NAO
02-29	21	9	1	2nd Floor HVAC Room	Duct Insulation	ACM
02-30	21	9	2	2nd Floor HVAC Room	Duct Insulation	ACM*
02-31	21	9	3	2nd Floor HVAC Room	Duct Insulation	ACM*
02-32	Sample Number Used For QA/QC					
02-33	Sample Number Used For QA/QC					

NAO - No Asbestos Observed
ACM - Asbestos-Containing Material
ACM* - Determined to be ACM based on analysis of other samples within the homogeneous material group.
Refer to Appendix C for more information.
LAW PROJECT 5890869502

Asbestos Air Sample Analysis Results

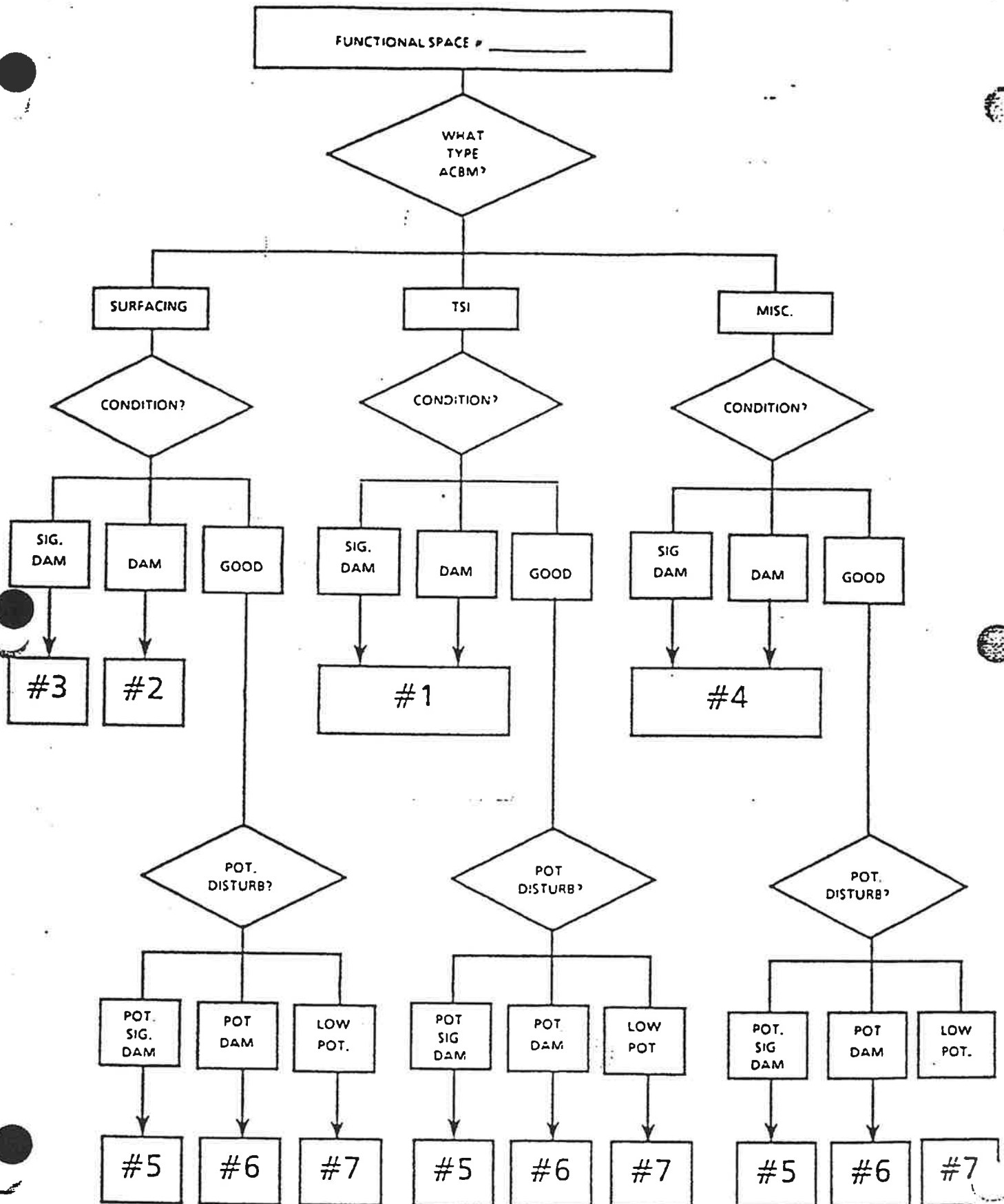
Lumberton Post Office
Lumberton, Mississippi

Sample Number	Date	Sample Location	Volume (liters)	Fibers Counted	Fiber Concentration
02-A-1	5/3/95	Sorting Room - N.E. Area	5370	9	<0.01 f/cc
02-A-2	5/3/95	Sorting Room - S.W. Area	5370	12.5	<0.01 f/cc
02-A-3	5/3/95	2nd Floor - Central	5250	11.5	<0.01 f/cc
02-A-4	5/3/95	S. Side of Basement	5150	9.5	<0.01 f/cc
02-A-5	5/3/95	N. Side of Basement	5130	11.5	<0.01 f/cc
As the sample with the highest fiber concentration as measured by PCM, Sample No. 02-A-2 was submitted for analysis by TEM. No asbestos structures were observed during TEM analysis of the sample.					

APPENDIX A

DECISION TREE FLOW CHART/STATEMENT OF LABORATORY PROTOCOLS

EXHIBIT H-3 CATEGORIZING ASSESSED MATERIAL



APPENDIX B
ASBESTOS BULK SAMPLE LOG

ASBESTOS BULK SAMPLING LOG

Bull: Lumberport, MS
Surveyor: S. M. Cornick

Seq #	Func. Space #	Field Sample #	Mat. Type	Mat. Code #	Homog. Mat. #	Homog. Assay #	Location (in functional space)	Material Description	Roll/Photo #	Material Condition	Amount of Material (for Assay #2 & above per. n/a)	Quantification Units (SF, SF, etc.)
1	11	Sur	11		1	1	Sitting Room - NW Area, by 41 window from front but before 5 window material with granular material mix in T-2-1	White powder material & grey cementitious material with granular material mix in T-2-1		6	43,000	SF
2	12	Sur	21		1	2	Postmaster's office near center @ access panel			6	N/A	N/A
3	12	Sur	11		1	3	Beneath stair next window on the South wall of the Box Lobby			6	N/A	N/A
4	12	Sur	11		1	4	SW Area of Box Lobby between 1st and 2nd window from entrance			6	N/A	N/A
5	6	Sur	11		1	5	SW Corner of Office #2 above door to access observation walkway			6	N/A	N/A
6	7	Sur	21		1	6	SW Corner of Office #2 by roof access in ceiling			6	N/A	N/A
7	3	Sur	11		1	7	North wall near the center of the hallway behind pine hwc.			6	N/A	N/A
8	12	Sur	01		2	1	Northern Corner by entrance in Eastside by wall in	9' x 9' White Floor Tile with Green Strakes & Black mastic	T-2-2	7	154	SF
9	12	Sur	01		2	2	N.E. Corner by observation walkway down entrance			7	N/A	N/A
10	12	Sur	01		2	3	S.West area between windows			7	N/A	N/A

Seq #: Number all samples at site sequentially.

Functional Space #: Refer to Sampling Plan

Material Types
MIS - MISCELLANEOUS
SUR - SURFACING
TSI - THERMAL SYSTEM INSULATION

Material Code Numbers:

01 9" x 12" resilient floor tile & mastic	20 ceiling gypsum board & joint compound	42 pipe insulation > 6" & < 12" dia	60 built-up roof core
02 12" x 12" resilient floor tile & mastic	21 ceiling plaster brown/scratch coat	43 pipe filling insulation > 6" & < 12" dia	61 roofing shingle
03 resilient sheet flooring	22 ceiling plaster finish coat	44 pipe insulation > 12" dia	62 rolled roofing
04 floor mastic only	23 ceiling plaster composite	45 pipe filling insulation > 12" dia	63 roofing mastic
05 carpet mastic	24 1/2" lay-in type ceiling tile	46 CAB pipe	64 roofing felt
06 cementitious underlayment	25 2x2" lay-in type ceiling tile	47 boiler insulation	65 roof flashing
07 leveling compound	26 2x4" lay-in type ceiling tile	48 breaching insulation	70 fire-rated/insulated door core
08 coverbase & mastic	27 12" square ceiling tile	49 other insulation	71 fire stop material
09 coverbase mastic only	28 12" square ceiling tile	50 tank/exchanger insulation	72 sink under coating material
10 wall gypsum board & joint compound	29 12" x 12" glued ceiling tile	51 pump house insulation	73 cement asbestos board
11 wall plaster finish coat	30 spray applied ceiling finish	52 gasket material	74 cement asbestos board
12 wall plaster composite	31 textured ceiling finish	53 bus insulation	75 cooling lower honey comb
13 wall plaster composite	32 ceiling dot mastic	54 DUCT INSULATION	76 mortar/grout
14 spray-applied wall finish	33 ceiling dot mastic	55 duct tape	77 wire covering material
15 textured wall finish	34 spray applied fireproofing	56 duct lining	78 fabric/rope
16 CAB walls	35 cementitious fireproofing	57 duct ventilation isolation cloth	79 paint/coating
17 exterior stucco material	36 fireproofing overspray	58 duct seam mastic	80 debris
18 wall paper	37 pipe insulation > 6" dia		81

Homogeneous Mat. #: Refer to Sampling Plan

Homogeneous Assay #: Use #1 for the first sample of each type of homogeneous material, #2 for the second, etc. Sample Each homogeneous material at least 3 times

Material Condition: Use Standard AHERA Conditions and Damage Descriptions for each sample.

Roll/Photo #: Indicate Sample# and Roll/Photo# for all samples. Include Sample# and Roll/Photo# in each photograph.

Bull Loc: Lumberyard #15
Surveyor: S. McGowan

ASBESTOS BULK SAMPLING LOG

PROJECT # 58019501.00
Date: 3/13/95

FIELD SAMPLE #				Material Description	Roll/Photo #	Material Condition	Amount of Material (for Assay #2 & above pd. - n/a)	Quantification Units (SF, LF, etc.)
Seq #	Func. Space #	Mat. Type	Mat. Code #					
11	23	TSI	41	In crawl space near crawl space access in Post Master's office	T-2-3	5	100	SF
12	23	TSI	41	In crawl space near latter in observation walk way		5	N/A	N/A
13	23	TSI	41	In crawl space near center of west wall of Office 3		5	N/A	N/A
14	12	(MIS) SW	28	North Side above light fixture	T-2-4	6	154	SF
15	12	(MIS) SW	28	South Side above light fixture		6	N/A	N/A
16	12	(MIS) SW	28	West side above light fixture		6	N/A	N/A
17	23	TSI	40	Post Master's office above ceiling on N side of access door	T-2-5	6	320	LF
18	23	TSI	40	Post Master's office above ceiling on S side of access door		6	N/A	N/A
19	23	TSI	40	In crawl space near latter in observation walkway		6	N/A	N/A
20	19	MIS	81	East Corner Area above pipe going through wall on pipe	T-2-6	6	N/A	N/A

Seq #:

Number all samples at site sequentially.

Functional Space #:

Refer to Sampling Plan

Material Types

MIS - MISCELLANEOUS
SUR - SURFACING
TSI - THERMAL SYSTEM INSULATION

Material Code Numbers:

81 3" x 3" resilient floor tile & mastic
82 12" x 12" resilient floor tile & mastic
83 resilient sheet flooring
84 floor mastic only
85 carpet mastic
86 cementitious underlayment
87 leveling compound
88 concrete & mastic
89 concrete mastic only
90 wall gypsum board & joint compound
91 wall plaster brown/scratch coat
92 wall plaster finish coat
93 well plaster composite
94 spray-applied wall finish
95 textured wall finish
96 CAB walls
97 exterior stucco material
98 wall paper

Homogeneous Matl. #:

Refer to Sampling Plan

Homogeneous Assay #:

Use #1 for the first sample of each type of homogeneous material, #2 for the second, etc. Sample Each homogeneous material at least 3 times.

Material Condition:

Use Standard AHERA Conditions and Damage Descriptions for each sample.

Roll/Photo #:

Indicate Sample# and Roll/Photo# for all samples. Include Sample# and Roll/Photo# in each photograph.

40 built-up roof core
41 roofing single
42 rolled roofing
43 roofing mastic
44 roofing felt
45 roof flashing
46 breaching insulation
47 tank/exchanger insulation
48 pump house insulation
49 gasket material
50 flue insulation
51 duct insulation
52 duct tape
53 duct lining
54 cementitious fireproofing
55 cementitious fireproofing
56 fireproofing overspray
57 pipe insulation < 4" dia
58 pipe filling insulation < 4" dia

40 built-up roof core
41 roofing single
42 rolled roofing
43 roofing mastic
44 roofing felt
45 roof flashing
46 breaching insulation
47 tank/exchanger insulation
48 pump house insulation
49 gasket material
50 flue insulation
51 duct insulation
52 duct tape
53 duct lining
54 cementitious fireproofing
55 cementitious fireproofing
56 fireproofing overspray
57 pipe insulation < 4" dia
58 pipe filling insulation < 4" dia

Bull oc: Lumberberg MS
Surveyor: S. A. Carmichael

ASBESTOS BOX SAMPLING LOG

PROJECT # 589-69501.02
Date: 5/2/95

FIELD SAMPLE #			Location (in functional space)		Material Description		Roll/Photo#	Material Condition	Amount of Material (for Assay #2 & above pd - n/a)	Quantification Units (LF, SF, etc)
Seq #	Func. Space #	Mat. Type	Mat. Code	Mat. #	Homog. Assay #	Mat. #				
21	2	MS	19	3	1	North end of attic access above ceiling	1-2-7	6	6,000	SF
22	2	MS	19	3	2	South end of attic access above ceiling		6	N/A	N/A
23	2	MS	19	3	3	East side of attic access above ceiling		6	N/A	N/A
24	8	Sur	33	4	1	East Corner on N. Wall	T-2-8	6	800	SF
25	8	Sur	33	4	2	East Wall Center		6	N/A	N/A
26	8	Sur	33	4	3	S.W. Corner S. Wall.		6	N/A	N/A
27	19	MS	81	8	2	East Corner area where pipe goes through Wall on Wall		6	N/A	N/A
28	19	MS	81	8	3			6	N/A	N/A
29	21	TSI	54	9	1	Front of duct in HVAC room in 2nd floor. HVAC closet	T-2-9	6	100	SF
30	21	TSI	54	9	2	Back of front duct in HVAC Room on 2nd floor		6	N/A	N/A

Seq #: Number all samples at site sequentially.	Material Code Numbers: 01 9"x9" resilient floor tile & mastic 02 12"x12" resilient floor tile & mastic 03 resilient sheet flooring 04 floor mastic only 05 carpet mastic 06 cementitious underlayment 07 leveling compound 08 concrete & mastic 09 concrete mastic only 10 wall gypsum board & joint compound 11 wall plaster brown/scratch coat 12 wall plaster finish coat 13 wall plaster composite 14 spray-applied wall finish 15 finished wall finish 16 CAB walls 17 exterior stucco material 18 wall paper 19 ceiling support	Functional Space #: Refer to Sampling Plan	Material Types MIS - MISCELLANEOUS SUR - SURFACING TSI - THERMAL SYSTEM INSULATION
Homogeneous Mat. #: Refer to Sampling Plan	Homogeneous Assay #: Use #1 for the first sample of each type of homogeneous material, #2 for the second, etc. Sample Each homogeneous material at least 3 times	Material Condition: Use Standard AHERA Conditions and Damage Descriptions for each sample.	Roll/Photo#: Indicate Sample# and Roll/Photo# for all samples. Include Sample# and Roll/Photo# in each photograph.

40 built-up roof core 41 roofing shingle 42 rolled roofing 43 roofing mastic 44 roofing felt 45 roof flashing 46 re-entrained door core 47 fire stop material 48 shik under coating material 49 cement asbestos board 50 cement asbestos board 51 cooking tower honey comb 52 metal/porcelain 53 wire covering material 54 backdrops 55 patchcoating 56 debris 57 pipe	43 pipe insulation > 4" & < 17" dia 44 pipe fluting insulation > 4" & < 17" dia 45 pipe fluting insulation > 12" dia 46 CAB pipe 47 boiler insulation 48 breaching insulation 49 chiller insulation 50 tank/pressure insulation 51 pump house insulation 52 gasket material 53 fire insulation 54 duct insulation 55 duct tape 56 duct lining 57 duct vibration isolation cloth 58 duct seam mastic 59 pipe	30 ceiling gypsum board & joint compound 31 ceiling plaster brown/scratch coat 32 ceiling plaster finish coat 33 ceiling plaster composite 34 1"x1" lay-in type ceiling tile 35 2"x2" lay-in type ceiling tile 36 2"x4" lay-in type ceiling tile 37 1"x2" plaster ceiling tile 38 1"x1" plaster ceiling tile 39 1"x1" grid ceiling tile 30 spray applied ceiling finish 31 finished ceiling finish 32 ceiling dot mastic 33 Fiberglass Wood 34 spray applied fireproofing 35 cementitious fireproofing 36 fireproofing over spray 37 pipe insulation < 4" dia 41 pipe fluting insulation < 4" dia
---	---	---

Build Loc: Lumberton, MS
Surveyor: S. M. Cornick

ASBESTOS Bulk Sampling Log

PROJECT # 58-69501-02

Date: 5/3/85

Seq #	FIELD SAMPLE #			Material Description	Roll/Photo#	Material Condition	Amount of Material (for Assay 22 & above put - n/a)	Quantification Units (L.F. SF, etc.)
	Func. Space #	Mat. Type	Mat. Code#					
31	21	TSI	54	9	3	Back of Back duct in HVAC Room on 2nd Floor	N/A	N/A
32	21	TSI	54	9	QC-1	Same as Sample 30		
33	3	Sur	41	1	QC-2	Same as Sample 7		
34								
35								
36								
37								
38								
39								
40								

Seq #:

Number all samples at site sequentially.

Functional Space #:

Refer to Sampling Plan

Material Types

MIS - MISCELLANEOUS
SUR - SURFACING
TSI - THERMAL SYSTEM
INS - INSULATION

Material Code Numbers:

01 9"x9" resilient floor tile & mastic
02 12"x12" resilient floor tile & mastic
03 resilient sheet flooring
04 floor mastic only
05 carpet mastic
06 cementitious underlayment
07 leveling compound
08 concrete & mastic
09 concrete mastic only
10 wall gypsum board & joint compound
11 wall plaster brown/scratch coat
12 wall plaster finish coat
13 wall plaster composite
14 spray-applied wall finish
15 textured wall finish
16 CAB walls
17 exterior stucco material
18 wall paper
20 ceiling gypsum board & joint compound
21 ceiling plaster brown/scratch coat
22 ceiling plaster finish coat
23 ceiling plaster composite
24 1"x1" lay-in type ceiling tile
25 2"x2" lay-in type ceiling tile
26 2"x4" lay-in type ceiling tile
27 1"x2" adobe ceiling tile
28 1"x2" adobe ceiling tile
29 1"x2" glued ceiling tile
30 spray applied ceiling finish
31 textured ceiling finish
32 ceiling dot mastic
37 spray applied fireproofing
38 cementitious fireproofing
39 fireproofing overspray
40 pipe insulation < 6" dia
41 pipe fitting insulation < 6" dia

Homogeneous Matl. #:

Refer to Sampling Plan

Homogeneous Assay #:

Use #1 for the first sample of each type of homogeneous material, #2 for the second, etc. Sample Each homogeneous material at least 3 times

Material Condition:

Use Standard AHERA Conditions and Damage Descriptions for each sample.

Roll/Photo#:

Indicate Sample# and Roll/Photo# for all samples. Include Sample# and Roll/Photo# in each photograph.

Sample Example (seq#-Func. Space #-Mat. Type-Mat. Code#-Homog. Area#-Homog. Assay#) = 1-12-S-99-12-1

INITIAL: SC

APPENDIX C

**ASBESTOS LABORATORY ANALYSIS DATA SHEETS,
CHAIN-OF-CUSTODY FORMS**



MATERIALS
ANALYTICAL
SERVICES

May 18, 1995

Ross Marland
LAW ENGINEERING
396 Plasters Avenue
Atlanta, Georgia 30324

RE: Asbestos Sample Analysis
LAW #589-0869501-02 / USPS - Lumberton, MS

Dear Mr. Marland:

Enclosed is a summary and the analyses of the samples which were delivered to MAS on May 10, 1995. It was requested that we analyze these samples using polarized light microscopy (PLM) to determine the percentages of asbestos. The 31 samples were labeled "1" through "31".

The samples were analyzed in accordance with EPA document 600/R-93/116, "Method for the Determination of Asbestos in Bulk Building Materials". These analysis results relate only to the specific items analyzed. Any reproduction of the Bulk Analysis Report may not be made without the consent of Materials Analytical Services. This report may not be used to imply product endorsement or certification by Materials Analytical Services, the National Voluntary Laboratory Accreditation Program (EPA), or the U.S. Government.

Materials Analytical Services appreciates this opportunity to have been of service to you. We look forward to working with you on future projects.

Sincerely,

William B. Egeland, P.G.
Optical Microscopy Manager

WBE/sdw

M13005
enclosure

Raleigh Office:
616 Hutton Street • Suite 101
Raleigh, North Carolina 27606
(919) 829-7041 • FAX (919) 829-5518

Atlanta Office:
3597 Parkway Lane • Suite 250
Norcross, Georgia 30092
(404) 448-3200 • FAX (404) 368-8256



**MATERIALS
ANALYTICAL
SERVICES**

MATERIALS ANALYTICAL SERVICES, INC.
3597 PARKWAY LANE, SUITE 250
NORCROSS, GA 30092
(404) 448-3200

**Summary of Results of Analyses by
Polarized Light Microscopy (PLM)**

Client Name: Law Engineering / Atlanta
Client Job Number/Name: 589-0869501-02 / USPS - Lumberton, MS
MAS Project Number: M13005
Reviewer: William B. Egeland

Client Sample Number	MAS Sample Number	Location	Material	Asbestos Detected
1	M13005-01	Sorting room, NW area	Wht powdery/granular material	NAO
2	M13005-02	Center of Post Master's office	Wht powdery/granular material	NAO
3	M13005-03	Box lobby, S wall	Wht powdery/granular material	NAO
4	M13005-04	SW box lobby	Wht powdery/granular material	NAO
5	M13005-05	Office #1	Wht powdery/granular material	NAO
6	M13005-06	Office #2	Wht powdery/granular material	NAO
7	M13005-07	Hallway	Wht powdery/granular material	NAO
8	M13005-08A	Post Master's office	9"x9" wht grn streaked floor tile	15% Chrysotile
8	M13005-08B	Post Master's office	Mastic on wht grn streaked FT	15% Chrysotile
9	M13005-09A	Post Master's office	9"x9" wht grn streaked floor tile	Not Analyzed
9	M13005-09B	Post Master's office	Mastic on wht grn streaked FT	Not Analyzed
10	M13005-10A	Post Master's office	9"x9" wht grn streaked floor tile	Not Analyzed
10	M13005-10B	Post Master's office	Mastic on wht grn streaked FT	Not Analyzed
11	M13005-11	Crawl space	Wht fibrous mat. on pipe fittings	10% Chrysotile 15% Amosite
12	M13005-12	Crawl space	Wht fibrous mat. on pipe fittings	Not Analyzed
13	M13005-13	Crawl space	Wht fibrous mat. on pipe fittings	Not Analyzed
14	M13005-14	N side Post Master's office	1'x1' white fissured ceiling tile	NAO

NAO = No Asbestos Observed

Raleigh Office:
616 Hutton Street • Suite 101
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Atlanta Office:
3597 Parkway Lane • Suite 250
Norcross, Georgia 30092
(404) 448-3200 • FAX (404) 368-8256

Client Sample Number	MAS Sample Number	Location	Material	Asbestos Detected
15	M13005-15	S side Post Master's office	1'x1' white fissured ceiling tile	NAO
16	M13005-16	W side Post Master's office	1'x1' white fissured ceiling tile	NAO
17	M13005-17	N side Post Master's office	Brn fibrous well-bound material	Trace Chrysotile *
18	M13005-18	S side Post Master's office	Brn fibrous well-bound material	5% Chrysotile
19	M13005-19	Observation walkway	Brn fibrous well-bound material	Not Analyzed
20	M13005-20	Storage area #2	Black mastic	NAO
21	M13005-21	Attic access	Brown fibrous material	NAO
22	M13005-22	Attic	Brown fibrous material	NAO
23	M13005-23	Attic	Brown fibrous material	NAO
24	M13005-24	Office #3	Brown fibrous material	NAO
25	M13005-25	Office #3	Brown fibrous material	NAO
26	M13005-26	Office #3	Brown fibrous material	NAO
27	M13005-27	Storage area #2	Black mastic	NAO
28	M13005-28	Storage area #2	Black mastic	NAO
29	M13005-29	2nd floor HVAC room	Gray cementitious material	50% Chrysotile
30	M13005-30	2nd floor HVAC room	Gray cementitious material	Not Analyzed
31	M13005-31	2nd floor HVAC room	Gray cementitious material	Not Analyzed

* Sample ashed. Chrysotile detected in ash.

NAO = No Asbestos Observed

JOB NUMBER 5890869501.02

ORIGINAL TRANSFER:

JOB NAME Lumberton, MS

FROM _____

SAMPLES OBTAINED: 31

TO _____

BY Shawn P. McConichRECEIVED BY SWDATE 5/3/95DATE 5.12.95

ANALYZE TO (ST. POSITIVE IN EACH GROUP)

SAMPLE NO.	MATERIAL	LOCATION	REMARKS
1	White powdery material & cementitious materials with granular material mixed in	Sorting Room N.W. Area	
2		Center of Post Masters Office	
3		Box Lobby S. Wall	
4		S.W. Box Lobby	
5		Office #1	
6		Office #2	
7		Hallway	
8	9x9" White Floor Tile with Green Streaks & Black Mastic	Post Master Office	
9			
10			
11	White fibrous powdery material on pipe fittings	Crawl Space	
12			
13			
14	1x1' White Fissured Ceiling Tile	North side P.M. Office	
15		South side " "	
16		West side " "	
17	Brown fibrous well bound material	N. side, P.M. Office	

ADDITIONAL TRANSFERS

TO _____ MODE _____ REC'D. BY _____ DATE _____



Law Engineering

Geotechnical and Materials Engineers

ASBESTOS SAMPLE CHAIN OF CUSTODY

P.C.
PAGE 2 OF 2

JOB NUMBER 5890869601.02

ORIGINAL TRANSFER:

JOB NAME Lumberton MS

FROM

SAMPLES OBTAINED: 31

TO

BY

H. P. McLean

RECEIVED BY

J. Lib

DATE

5/3/95

DATE

5.12.95

SAMPLE NO.	MATERIAL	LOCATION	REMARKS
18	Brown Fibrous well bound material	S. side P.M. Office	
19	↓	Observation Walkway	
20	Black Mastec	Storage Area #2	
21	Brown Fibrous Material	AHIC Access	
22	↓	AHIC	
23	↓	AHIC	
24	Brown Fibrous Material	Office #3	
25	↓	↓	
26	↓	↓	
27	Black Mastec	Storage Area #2	
28	↓	↓	
29	Grey Cementitious Material	2nd Floor HVAC Room	
30	↓	↓	
31	↓	↓	

ADDITIONAL TRANSFERS

TO

MODE

REC'D. BY

DATE

Law Engineering

Geotechnical and Materials Engineers

**MATERIALS ANALYTICAL SERVICES, INC.
BULK ASBESTOS ANALYSIS**

Project # - Spl #: M13005-01

Date: 5/15/95

Project Name: LAW ENG. ATL. JOB # 5890869501, USPS Lumberton, MS

Analyst: Paul Hess

Sample Identification: SAMPLE # 01 - Sorting room, NW area

Gross Visual Description: White, fibrous, granular, moderately bound powdery & cementitious material

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology _____
Pleochroism _____
Refractive Index // ⊥ _____
Sign of Elongation _____
Extinction _____
Birefringence _____
Melt _____
Fiber Name _____

ASBESTOS MINERALS:

Est. Vol. %

Chrysotile	<u>NO ASBESTOS OBSERVED</u>
Amosite	_____
Actinolite	_____
Tremolite/Actinolite	_____
Anthophyllite	_____

OTHER FIBROUS COMPONENTS:

Mineral/Rock wool	_____
Fibrous glass	_____
Cellulose	<u>02</u>
Synthetic	_____
Hair	<u>03</u>

NON FIBROUS COMPONENTS:

Vermiculite	_____
Mineral Grains	<u>X</u>
BINDERS:	<u>X</u>

EFFERVESCENCE: _____

COMMENTS:

X = Material detected.

**MATERIALS ANALYTICAL SERVICES, INC.
BULK ASBESTOS ANALYSIS**

Project # - Spl #: M13005-02

Project Name: LAW ENG. ATL. JOB # 5890869501, USPS Lumberton, MS

Date: 5/15/95

Sample Identification: SAMPLE # 02 - Center of Postmaster's office

Analyst: Paul Hess

Gross Visual Description: White, fibrous, granular, moderately bound powdery & cementitious material

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology _____
Pleochroism _____
Refractive Index // / 1 _____
Sign of Elongation _____
Extinction _____
Birefringence _____
Melt _____
Fiber Name _____

SBESTOS MINERALS:

hrysotile
nosite
ocidolite
e/Actinolite
th phyllite

Est. Vol. %

NO ASBESTOS OBSERVED

HER FIBROUS COMPONENTS:

neral/Rock wool
rous glass
ilulose
thetic

Trace
Trace

I FIBROUS COMPONENTS:

miculite
eral Grains

X
X

ERS:

RVESCENCE:

IENTS:

X = Material detected

MATERIALS ANALYTICAL SERVICES, INC.
BULK ASBESTOS ANALYSIS

Project # - Spl #: M13005-03

Project Name: LAW ENG. ATL. JOB # 5890869501, USPS Lumberton, MS

Sample Identification: SAMPLE # 03 - Box lobby, south wall

Date: 5/15/95

Analyst: Paul Hess

Gross Visual Description: White, fibrous, granular, moderately bound powdery & cementitious material

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology
Pleochroism
Refractive Index // 1
Sign of Elongation
Extinction
Birefringence
Melt
Fiber Name

BESTOS MINERALS:

Est. Vol. %

rysotile
osite
cidolite
e/Actinolite
ophyllite

NO ASBESTOS OBSERVED

IER FIBROUS COMPONENTS:

eral/Rock wool
ous glass
ulose
hetic

Trace
Trace

FIBROUS COMPONENTS:

iculite
ral Grains

X
X

ERS:

VESENCE:

ENTS:

< = Material detected

**MATERIALS ANALYTICAL SERVICES, INC.
BULK ASBESTOS ANALYSIS**

Project # - Spl #: M13005-04

Date: 5/15/95

Project Name: LAW ENG. ATL JOB # 5890869501, USPS Lumberton, MS

Analyst: Paul Hess

Sample Identification: SAMPLE # 04 - Box lobby, SW

Gross Visual Description: White, fibrous, granular, moderately bound powdery & cementitious material

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology _____
Pleochroism _____
Refractive Index // ⊥ _____
Sign of Elongation _____
Extinction _____
Birefringence _____
Melt _____
Fiber Name _____

ASBESTOS MINERALS:

Est. Vol. %

Chrysotile	<u>NO ASBESTOS OBSERVED</u>
Amosite	_____
Actinolite	_____
Tremolite/Actinolite	_____
Anthophyllite	_____

OTHER FIBROUS COMPONENTS:

Mineral/Rock wool	_____
Fibrous glass	_____
Cellulose	<u>Trace</u>
Synthetic	_____
Hair	<u>Trace</u>

NON FIBROUS COMPONENTS:

Vermiculite	_____
Mineral Grains	<u>X</u>

BINDERS:

X

EFFERVESCENCE: _____

COMMENTS:

X = Material detected

MATERIALS ANALYTICAL SERVICES, INC.
BULK ASBESTOS ANALYSIS

ect # - Spl #: M13005-05

Date: 5/15/95

ect Name: LAW ENG. ATL. JOB # 5890869501, USPS Lumberton, MS

Analyst: Paul Hess

ple Identification: SAMPLE # 05 - Office # 1

Visual Description: White (black), fibrous, granular, moderately bound powdery & cementitious material

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	_____	_____	_____
Pleochroism	_____	_____	_____
Refractive Index // / ⊥	_____	_____	_____
Sign of Elongation	_____	_____	_____
Extinction	_____	_____	_____
Birefringence	_____	_____	_____
Melt	_____	_____	_____
Fiber Name	_____	_____	_____

ESTOS MINERALS:

Est. Vol. %

otile	<u>NO ASBESTOS OBSERVED</u>
.....	_____
olite/Actinolite	_____
ophyllite	_____

ER FIBROUS COMPONENTS:

ral/Rock wool	_____
us glass	_____
lose	<u>02</u>
netic	<u>03</u>

FIBROUS COMPONENTS:

iculite	_____
eral Grains	<u>X</u>
ERS:	<u>X</u>

RVESCENCE: _____

MENTS:

Material detected.

**MATERIALS ANALYTICAL SERVICES, INC.
BULK ASBESTOS ANALYSIS**

Project # - Spl #: M13005-06

Date: 5/15/95

Project Name: LAW ENG ATL JOB # 5890869501, USPS Lumberton, MS

Analyst: Paul Hess

Sample Identification: SAMPLE # 06 - Office # 2

Gross Visual Description: White, fibrous, granular, moderately bound powdery & cementitious material

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	_____	_____	_____
Pleochroism	_____	_____	_____
Refractive Index // 1	_____	_____	_____
Sign of Elongation	_____	_____	_____
Extinction	_____	_____	_____
Birefringence	_____	_____	_____
Melt	_____	_____	_____
Fiber Name	_____	_____	_____

ASBESTOS MINERALS:

Est. Vol. %

Chrysotile	<u>NO ASBESTOS OBSERVED</u>
Amosite	_____
Anthophyllite	_____
Tremolite/Actinolite	_____
Anthophyllite	_____

OTHER FIBROUS COMPONENTS:

Mineral/Rock wool	_____
Fibrous glass	_____
Cellulose	<u>02</u>
Synthetic	_____
Hair	<u>03</u>

NON FIBROUS COMPONENTS:

Vermiculite	_____
Mineral Grains	<u>X</u>
BINDERS:	<u>X</u>

EFFERVESCENCE: _____

COMMENTS:

X = Material detected.

MATERIALS ANALYTICAL SERVICES, INC.
BULK ASBESTOS ANALYSIS

Project # - Spl #: M13005-07

Project Name: LAW ENG. ATL JOB # 5890869501, USPS Lumberton, MS

Sample Identification: SAMPLE # 07 - Hallway

Date: 5/15/95

Analyst: Paul Hess

Gross Visual Description: White, fibrous, granular, moderately bound powdery & cementitious material

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology _____
Pleochroism _____
Refractive Index // 1 _____
Sign of Elongation _____
Extinction _____
Birefringence _____
Melt _____
Fiber Name _____

ASBESTOS MINERALS:

Est. Vol. %

Trysotile
Nosite
Ocidolite
Actinolite
Thophyllite

NO ASBESTOS OBSERVED

OTHER FIBROUS COMPONENTS:

General/Rock wool
Fibrous glass
Cellulose
Synthetic

02

03

OTHER FIBROUS COMPONENTS:

Miculite

General Grains

X

OTHERS:

X

FLUORESCENCE:

REMARKS:

X = Material detected

**MATERIALS ANALYTICAL SERVICES, INC.
BULK ASBESTOS ANALYSIS**

Project # - Spl #: M13005-08A

Project Name: LAW ENG. ATL. JOB # 5890869501 USPS Lumberton, MS

Sample Identification: SAMPLE # 08 - Postmaster's office

Date: 5/15/95

Analyst: Paul Hess

Gross Visual Description: 9" X 9" green marbled off-white floor tile

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	<u>wavy</u>		
Pleochroism	<u>none</u>		
Refractive Index	<u>1.555/1.545</u>		
Sign of Elongation	<u>positive</u>		
Extinction	<u>Parallel</u>		
Birefringence	<u>low</u>		
Melt	<u>no</u>		
Fiber Name	<u>Chrysotile</u>		

ASBESTOS MINERALS:

	Est. Vol. %
Chrysotile	<u>15</u>
Mossite	
Actinolite	
Actinolite/Actinolite	
Anthophyllite	

OTHER FIBROUS COMPONENTS:

Mineral/Rock wool	
Fibrous glass	
Cellulose	
Synthetic	
Air	

NON FIBROUS COMPONENTS:

Permiculite	
Mineral Grains	<u>X</u>
Others:	<u>X</u>

EFFERVESCENCE: _____

REMARKS:

X = Material detected

**MATERIALS ANALYTICAL SERVICES, INC.
BULK ASBESTOS ANALYSIS**

Project # - Spl #: M13005-08B

Date: 5/15/95

Project Name: LAW ENG. ATL. JOB # 5890869501, USPS Lumberton, MS

Analyst: Paul Hess

Sample Identification: SAMPLE # 08 - Postmaster's office

Gross Visual Description: Black mastic on 9" X 9" green marbled off-white floor tile

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	<u>wavy</u>	<u></u>	<u></u>
Pleochroism	<u>none</u>	<u></u>	<u></u>
Refractive Index // / ⊥	<u>1.555/1.545</u>	<u></u>	<u></u>
Sign of Elongation	<u>positive</u>	<u></u>	<u></u>
Extinction	<u>Parallel</u>	<u></u>	<u></u>
Birefringence	<u>low</u>	<u></u>	<u></u>
Melt	<u>no</u>	<u></u>	<u></u>
Fiber Name	<u>Chrysotile</u>	<u></u>	<u></u>

ASBESTOS MINERALS:

Est. Vol. %

Chrysotile	<u>15</u>
Amosite	<u></u>
Tricidolite	<u></u>
Tremolite/Actinolite	<u></u>
Anthophyllite	<u></u>

OTHER FIBROUS COMPONENTS:

Mineral/Rock wool	<u></u>
Fibrous glass	<u></u>
Cellulose	<u>02</u>
Synthetic	<u></u>
Hair	<u></u>

NON FIBROUS COMPONENTS:

Vermiculite	<u></u>
Mineral Grains	<u>X</u>

BINDERS:

Bitumen	<u>X</u>
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EFFERVESCENCE:

COMMENTS:

X = Material detected

**MATERIALS ANALYTICAL SERVICES, INC.
BULK ASBESTOS ANALYSIS**

Project # - Spl #: M13005-09A

Date: 5/15/95

Project Name: LAW ENG. ATL. JOB # 5890869501, USPS Lumberton, MS

Analyst: Paul Hess

Sample Identification: SAMPLE # 09 - Postmaster's office

Gross Visual Description: 9" X 9" green marbled off-white floor tile

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	_____	_____	_____
Pleochroism	_____	_____	_____
Refractive Index <u>// / 1</u>	_____	_____	_____
Sign of Elongation	_____	_____	_____
Extinction	_____	_____	_____
Birefringence	_____	_____	_____
Melt	_____	_____	_____
Fiber Name	_____	_____	_____

ASBESTOS MINERALS:

Est. Vol. %

Chrysotile	<u>NOT ANALYZED</u>
Amosite	_____
Actinolite	_____
Tremolite/Actinolite	_____
Anthophyllite	_____

OTHER FIBROUS COMPONENTS:

Mineral/Rock wool	_____
Fibrous glass	_____
Cellulose	_____
Synthetic	_____
Hair	_____

NON FIBROUS COMPONENTS:

Vermiculite	_____

Mineral Grains	_____

BINDERS:

EFFERVESCENCE: _____

COMMENTS:

Not Analyzed, Previous Positive

**MATERIALS ANALYTICAL SERVICES, INC.
BULK ASBESTOS ANALYSIS**

Project # - Spl #: M13005-09B

Date: 5/15/95

Project Name: LAW ENG ATL JOB # 5890869501, USPS Lumberton, MS

Analyst: Paul Hess

Sample Identification: SAMPLE # 09 - Postmaster's office

Gross Visual Description: Black mastic on 9" X 9" green marbled off-white floor tile

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	_____	_____	_____
Pleochroism	_____	_____	_____
Refractive Index // 1	_____	_____	_____
Sign of Elongation	_____	_____	_____
Extinction	_____	_____	_____
Birefringence	_____	_____	_____
Melt	_____	_____	_____
Fiber Name	_____	_____	_____

ASBESTOS MINERALS:

Est. Vol. %

Chrysotile	NOT ANALYZED
Amosite	_____
Anthophyllite	_____
Tremolite/Actinolite	_____
Anthophyllite	_____

OTHER FIBROUS COMPONENTS:

Mineral/Rock wool	_____
Fibrous glass	_____
Cellulose	_____
Synthetic	_____
Hair	_____

NON FIBROUS COMPONENTS:

Vermiculite	_____
Mineral Grains	_____

BINDERS:

EFFERVESCENCE: _____

COMMENTS:

Not Analyzed, Previous Positive

MATERIALS ANALYTICAL SERVICES, INC.
BULK ASBESTOS ANALYSIS

Project # - Spl #: M13005-10A

Date: 5/15/95

Project Name: LAW ENG. ATL JOB # 5890869501, USPS Lumberton, MS

Analyst: Paul Hess

Sample Identification: SAMPLE # 10 - Postmaster's office

Gross Visual Description: 9" X 9" green marbled off-white floor tile

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	_____	_____	_____
Pleochroism	_____	_____	_____
Refractive Index // $\perp$	_____	_____	_____
Sign of Elongation	_____	_____	_____
Extinction	_____	_____	_____
Birefringence	_____	_____	_____
Melt	_____	_____	_____
Fiber Name	_____	_____	_____

ASBESTOS MINERALS:

Est. Vol. %

Chrysotile	<u>NOT ANALYZED</u>
Amosite	_____
Anthophyllite	_____
Tremolite/Actinolite	_____
Anthophyllite	_____

OTHER FIBROUS COMPONENTS:

Mineral/Rock wool	_____
Fibrous glass	_____
Cellulose	_____
Synthetic	_____
Hair	_____

NON FIBROUS COMPONENTS:

Vermiculite	_____
Mineral Grains	_____

BINDERS:

EFFERVESCENCE: _____

COMMENTS:

Not Analyzed, Previous Positive

MATERIALS ANALYTICAL SERVICES, INC.
BULK ASBESTOS ANALYSIS

Project # - Spl #: M13005-10B

Date: 5/15/95

Project Name: LAW ENG ATL JOB # 5890869501, USPS Lumberton, MS

Analyst: Paul Hess

Sample Identification: SAMPLE # 10 - Postmaster's office

Gross Visual Description: Black mastic on 9" X 9" green marbled off-white floor tile

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	_____	_____	_____
Pleochroism	_____	_____	_____
Refractive Index // $\perp$	_____	_____	_____
Sign of Elongation	_____	_____	_____
Extinction	_____	_____	_____
Birefringence	_____	_____	_____
Melt	_____	_____	_____
Fiber Name	_____	_____	_____

ASBESTOS MINERALS:

Est. Vol. %

Chrysotile	_____
Amosite	_____
Actinolite	_____
Tremolite/Actinolite	_____
Anthophyllite	_____

NOT ANALYZED

OTHER FIBROUS COMPONENTS:

Mineral/Rock wool	_____
Fibrous glass	_____
Cellulose	_____
Synthetic	_____
Hair	_____

NON FIBROUS COMPONENTS:

Vermiculite	_____
Mineral Grains	_____

BINDERS:

EFFERVESCENCE: _____

COMMENTS:

Not Analyzed, Previous Positive

**MATERIALS ANALYTICAL SERVICES, INC.
BULK ASBESTOS ANALYSIS**

Project # - Spl #: M13005-11

Date: 5/15/95

Project Name: LAW ENG. ATL. JOB # 5890869501, USPS Lumberton, MS

Analyst: Paul Hess

Sample Identification: SAMPLE # 11 - Crawl space

Gross Visual Description: White fibrous powdery material on pipe fittings

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	<u>wavy</u>	<u>straight</u>	<u></u>
Pleochroism	<u>none</u>	<u>none</u>	<u></u>
Refractive Index // ⊥	<u>1.555/1.545</u>	<u>1.698/1.680</u>	<u></u>
Sign of Elongation	<u>positive</u>	<u>positive</u>	<u></u>
Extinction	<u>Parallel</u>	<u>Parallel</u>	<u></u>
Birefringence	<u>low</u>	<u>moderate</u>	<u></u>
Melt	<u>no</u>	<u>no</u>	<u></u>
Fiber Name	<u>Chrysotile</u>	<u>Amosite</u>	<u></u>

ASBESTOS MINERALS:

Est. Vol. %

Chrysotile	<u>10</u>
Amosite	<u>15</u>
Actinolite	<u></u>
Tremolite/Actinolite	<u></u>
Anthophyllite	<u></u>

OTHER FIBROUS COMPONENTS:

Mineral/Rock wool	<u></u>
Fibrous glass	<u></u>
Cellulose	<u>10</u>
Synthetic	<u></u>
Hair	<u></u>

NON FIBROUS COMPONENTS:

Vermiculite	<u></u>
Mineral Grains	<u></u>

BINDERS:

X

EFFERVESCENCE:

COMMENTS:

X = Material detected

**MATERIALS ANALYTICAL SERVICES, INC.
BULK ASBESTOS ANALYSIS**

Project # - Spl #: M13005-12

Date: 5/15/95

Project Name: LAW ENG. ATL JOB # 5890869501, USPS Lumberton, MS

Analyst: Paul Hess

Sample Identification: SAMPLE # 12 - Crawl space

Gross Visual Description: White fibrous powdery material on pipe fittings

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	_____	_____	_____
Pleochroism	_____	_____	_____
Refractive Index // 1	_____	_____	_____
Sign of Elongation	_____	_____	_____
Extinction	_____	_____	_____
Birefringence	_____	_____	_____
Melt	_____	_____	_____
Fiber Name	_____	_____	_____

ASBESTOS MINERALS:

Est. Vol. %

Chrysotile	<u>NOT ANALYZED</u>
Amosite	_____
Tricidolite	_____
Tremolite/Actinolite	_____
Anthophyllite	_____

OTHER FIBROUS COMPONENTS:

Mineral/Rock wool	_____
Fibrous glass	_____
Cellulose	_____
Synthetic	_____
Hair	_____

NON FIBROUS COMPONENTS:

Vermiculite	_____

Mineral Grains	_____

BINDERS:

EFFERVESCENCE: _____

COMMENTS:

Not Analyzed, Previous Positive

MATERIALS ANALYTICAL SERVICES, INC.
BULK ASBESTOS ANALYSIS

Project # - Spl #: M13005-13

Date: 5/15/95

Project Name: LAW ENG ATL JOB # 5890869501, USPS Lumberton, MS

Analyst: Paul Hess

Sample Identification: SAMPLE # 13 - Crawl space

Gross Visual Description: White fibrous powdery material on pipe fittings

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	_____	_____	_____
Pleochroism	_____	_____	_____
Refractive Index // $\perp$	_____	_____	_____
Sign of Elongation	_____	_____	_____
Extinction	_____	_____	_____
Birefringence	_____	_____	_____
Melt	_____	_____	_____
Fiber Name	_____	_____	_____

ASBESTOS MINERALS:

Est. Vol. %

Chrysotile	<u>NOT ANALYZED</u>
Amosite	_____
Crocidolite	_____
Tremolite/Actinolite	_____
Anthophyllite	_____

OTHER FIBROUS COMPONENTS:

Mineral/Rock wool	_____
Fibrous glass	_____
Cellulose	_____
Synthetic	_____
Hair	_____

NON FIBROUS COMPONENTS:

Vermiculite	_____

Mineral Grains	_____

BINDERS:

EFFERVESCENCE: _____

COMMENTS:

Not Analyzed, Previous Positive

**MATERIALS ANALYTICAL SERVICES, INC.
BULK ASBESTOS ANALYSIS**

Project # - Spl #: M13005-14

Date: 5/15/95

Project Name: LAW ENG. ATL JOB # 5890869501, USPS Lumberton, MS

Analyst: Paul Hess

Sample Identification: SAMPLE # 14 - Postmaster's office, northside

Gross Visual Description: 1' X 1' White/yellow fissured ceiling tile

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	_____	_____	_____
Pleochroism	_____	_____	_____
Refractive Index // / ⊥	_____	_____	_____
Sign of Elongation	_____	_____	_____
Extinction	_____	_____	_____
Birefringence	_____	_____	_____
Melt	_____	_____	_____
Fiber Name	_____	_____	_____

ASBESTOS MINERALS:

Est. Vol. %

Chrysotile	<u>NO ASBESTOS OBSERVED</u>
Amosite	_____
Crocidolite	_____
Tremolite/Actinolite	_____
Anthophyllite	_____

OTHER FIBROUS COMPONENTS:

Mineral/Rock wool	<u>95</u>
Fibrous glass	_____
Cellulose	_____
Synthetic	_____
Hair	_____

NON FIBROUS COMPONENTS:

Vermiculite	_____
Wollastonite	<u>X</u>
Mineral Grains	<u>X</u>

BINDERS: _____

EFFERVESCENCE: _____

COMMENTS:

X = Material detected.

**MATERIALS ANALYTICAL SERVICES, INC.
BULK ASBESTOS ANALYSIS**

Project # - Spl #: M13005-15

Date: 5/15/95

Project Name: LAW ENG. ATL JOB # 5890869501, USPS Lumberton, MS

Analyst: Paul Hess

Sample Identification: SAMPLE # 15 - Postmaster's office, southside

Gross Visual Description: 1' X 1' White/yellow fissured ceiling tile

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	_____	_____	_____
Pleochroism	_____	_____	_____
Refractive Index // ⊥	_____	_____	_____
Sign of Elongation	_____	_____	_____
Extinction	_____	_____	_____
Birefringence	_____	_____	_____
Melt	_____	_____	_____
Fiber Name	_____	_____	_____

ASBESTOS MINERALS:

Est. Vol. %

Chrysotile	<u>NO ASBESTOS OBSERVED</u>
Amosite	_____
Crocidolite	_____
Tremolite/Actinolite	_____
Anthophyllite	_____

OTHER FIBROUS COMPONENTS:

Mineral/Rock wool	<u>95</u>
Fibrous glass	_____
Cellulose	_____
Synthetic	_____
Hair	_____

NON FIBROUS COMPONENTS:

Vermiculite	_____
Wollastonite	<u>X</u>
Mineral Grains	<u>X</u>

BINDERS:

X

EFFERVESCENCE: _____

COMMENTS:

X = Material detected.

**MATERIALS ANALYTICAL SERVICES, INC.
BULK ASBESTOS ANALYSIS**

Project # - Spl #: M13005-16

Date: 5/15/95

Project Name: LAW ENG. ATL. JOB # 5890869501, USPS Lumberton, MS

Analyst: Paul Hess

Sample Identification: SAMPLE # 16 - Postmaster's office, westside

Gross Visual Description: 1' X 1' White/yellow fissured ceiling tile

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	_____	_____	_____
Pleochroism	_____	_____	_____
Refractive Index // ⊥	_____	_____	_____
Sign of Elongation	_____	_____	_____
Extinction	_____	_____	_____
Birefringence	_____	_____	_____
Melt	_____	_____	_____
Fiber Name	_____	_____	_____

ASBESTOS MINERALS:

Est. Vol. %

Chrysotile	<u>NO ASBESTOS OBSERVED</u>
Amosite	_____
Crocidolite	_____
Tremolite/Actinolite	_____
Anthophyllite	_____

OTHER FIBROUS COMPONENTS:

Mineral/Rock wool	<u>95</u>
Fibrous glass	_____
Cellulose	_____
Synthetic	_____
Hair	_____

NON FIBROUS COMPONENTS:

Vermiculite	_____
Wollastonite	<u>X</u>
Mineral Grains	<u>X</u>

BINDERS:	<u>X</u>
-----------------	----------

EFFERVESCENCE: _____

COMMENTS:

X = Material detected

**MATERIALS ANALYTICAL SERVICES, INC.
BULK ASBESTOS ANALYSIS**

Project # - Spl #: M13005-17

Date: 5/15/95

Project Name: LAW ENG. ATL. JOB # 5890869501, USPS Lumberton, MS

Analyst: Paul Hess

Sample Identification: SAMPLE # 17 - Postmaster's office, northside

Gross Visual Description: Brown fibrous material

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	<u>wavy</u>		
Pleochroism	<u>none</u>		
Refractive Index // /⊥	<u>1.555/1.545</u>		
Sign of Elongation	<u>positive</u>		
Extinction	<u>Parallel</u>		
Birefringence	<u>low</u>		
Melt	<u>no</u>		
Fiber Name	<u>Chrysotile</u>		

ASBESTOS MINERALS:

Est. Vol. %

Chrysotile	<u>TRACE</u>
amosite	
Crocidolite	
Tremolite/Actinolite	
Anthophyllite	

OTHER FIBROUS COMPONENTS:

Mineral/Rock wool	
Fibrous glass	
Cellulose	<u>90</u>
Synthetic	
Hair	<u>05</u>

NON FIBROUS COMPONENTS:

Vermiculite	
Wollastonite	
Mineral Grains	

BINDERS: X

EFFERVESCENCE: _____

COMMENTS:

X = Material detected. Sample ashed. Chrysotile observed in ash.

**MATERIALS ANALYTICAL SERVICES, INC.
BULK ASBESTOS ANALYSIS**

Project # - Spl #: M13005-18

Date: 5/15/95

Project Name: LAW ENG. ATL. JOB # 5890869501, USPS Lumberton, MS

Analyst: Paul Hess

Sample Identification: SAMPLE # 18 - Postmaster's office, southside

Gross Visual Description: Brown fibrous material

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	<u>wavy</u>		
Pleochroism	<u>none</u>		
Refractive Index // ⊥	<u>1.555/1.545</u>		
Sign of Elongation	<u>positive</u>		
Extinction	<u>Parallel</u>		
Birefringence	<u>low</u>		
Melt	<u>no</u>		
Fiber Name	<u>Chrysotile</u>		

ASBESTOS MINERALS:

Est. Vol. %

Chrysotile	<u>05</u>
Amosite	
Crocidolite	
Tremolite/Actinolite	
Anthophyllite	

OTHER FIBROUS COMPONENTS:

Mineral/Rock wool	
Fibrous glass	
Cellulose	<u>85</u>
Synthetic	
Hair	<u>05</u>

NON FIBROUS COMPONENTS:

Vermiculite	
Wollastonite	
Mineral Grains	

BINDERS:	<u>X</u>
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EFFERVESCENCE: _____

COMMENTS:

X = Material detected

MATERIALS ANALYTICAL SERVICES, INC.
BULK ASBESTOS ANALYSIS

Project # - Spl #: M13005-19

Date: 5/15/95

Project Name: LAW ENG ATL JOB # 5890869501 USPS Lumberton, MS

Analyst: Paul Hess

Sample Identification: SAMPLE # 19 - Observation walkway

Gross Visual Description: Brown fibrous material

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	_____	_____	_____
Pleochroism	_____	_____	_____
Refractive Index // /⊥	_____	_____	_____
Sign of Elongation	_____	_____	_____
Extinction	_____	_____	_____
Birefringence	_____	_____	_____
Melt	_____	_____	_____
Fiber Name	_____	_____	_____

ASBESTOS MINERALS:

Est. Vol. %

Chrysotile	<u>NOT ANALYZED</u>
Mosite	_____
Crocidolite	_____
Tremolite/Actinolite	_____
Anthophyllite	_____

OTHER FIBROUS COMPONENTS:

Mineral/Rock wool	_____
Fibrous glass	_____
Cellulose	_____
Synthetic	_____
Hair	_____

NON FIBROUS COMPONENTS:

Vermiculite	_____
Wollastonite	_____
Mineral Grains	_____

BINDERS:

EFFERVESCENCE: _____

COMMENTS:

Not Analyzed, Previous Positive

**MATERIALS ANALYTICAL SERVICES, INC.
BULK ASBESTOS ANALYSIS**

Project # - Spl #: M13005-20

Date: 5/15/95

Project Name: LAW ENG. ATL. JOB # 5890869501, USPS Lumberton, MS

Analyst: Paul Hess

Sample Identification: SAMPLE # 20 - Storage area #2

Gross Visual Description: Black, well bound mastic

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	_____	_____	_____
Pleochroism	_____	_____	_____
Refractive Index // / ⊥	_____	_____	_____
Sign of Elongation	_____	_____	_____
Extinction	_____	_____	_____
Birefringence	_____	_____	_____
Melt	_____	_____	_____
Fiber Name	_____	_____	_____

ASBESTOS MINERALS:

Est. Vol. %

Chrysotile	<u>NO ASBESTOS OBSERVED</u>
Amosite	_____
Crocidolite	_____
Tremolite/Actinolite	_____
Anthophyllite	_____

OTHER FIBROUS COMPONENTS:

Mineral/Rock wool	_____
Fibrous glass	_____
Cellulose	<u>20</u>
Synthetic	_____
Hair	_____

NON FIBROUS COMPONENTS:

Vermiculite	_____
Wollastonite	_____
Mineral Grains	<u>X</u>

BINDERS:

Bitumen	<u>X</u>
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EFFERVESCENCE: _____

COMMENTS:

X = Material detected, Sample ashed

**MATERIALS ANALYTICAL SERVICES, INC.
BULK ASBESTOS ANALYSIS**

Project # - Spl #: M13005-21

Date: 5/15/95

Project Name: LAW ENG. ATL. JOB # 5890869501, USPS Lumberton, MS

Analyst: Paul Hess

Sample Identification: SAMPLE # 21 - Attic access

Gross Visual Description: Brown (orange) fibrous material

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	_____	_____	_____
Pleochroism	_____	_____	_____
Refractive Index // ⊥	_____	_____	_____
Sign of Elongation	_____	_____	_____
Extinction	_____	_____	_____
Birefringence	_____	_____	_____
Melt	_____	_____	_____
Fiber Name	_____	_____	_____

ASBESTOS MINERALS:

Est. Vol. %

Chrysotile	<u>NO ASBESTOS OBSERVED</u>
Amosite	_____
Actinolite	_____
Tremolite/Actinolite	_____
Anthophyllite	_____

OTHER FIBROUS COMPONENTS:

Mineral/Rock wool	_____
Fibrous glass	_____
Cellulose	<u>98</u>
Synthetic	_____
Hair	_____

NON FIBROUS COMPONENTS:

Vermiculite	_____
Wollastonite	_____
Mineral Grains	_____

BINDERS:

X

EFFERVESCENCE: _____

COMMENTS:

X = Material detected.

**MATERIALS ANALYTICAL SERVICES, INC.
BULK ASBESTOS ANALYSIS**

Project # - Spl #: M13005-22

Date: 5/15/95

Project Name: LAW ENG. ATL. JOB # 5890869501, USPS Lumberton, MS

Analyst: Paul Hess

Sample Identification: SAMPLE # 22 - Attic

Gross Visual Description: Brown (orange) fibrous material

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	_____	_____	_____
Pleochroism	_____	_____	_____
Refractive Index // / ⊥	_____	_____	_____
Sign of Elongation	_____	_____	_____
Extinction	_____	_____	_____
Birefringence	_____	_____	_____
Melt	_____	_____	_____
Fiber Name	_____	_____	_____

ASBESTOS MINERALS:

Est. Vol. %

Chrysotile	<u>NO ASBESTOS OBSERVED</u>
Amosite	_____
Trochilolite	_____
Tremolite/Actinolite	_____
Anthophyllite	_____

OTHER FIBROUS COMPONENTS:

Mineral/Rock wool	_____
Fibrous glass	_____
Cellulose	<u>98</u>
Synthetic	_____
Hair	_____

NON FIBROUS COMPONENTS:

Vermiculite	_____
Wollastonite	_____
Mineral Grains	_____

BINDERS: _____ X _____

EFFERVESCENCE: _____

COMMENTS:

X = Material detected

MATERIALS ANALYTICAL SERVICES, INC.
BULK ASBESTOS ANALYSIS

Project # - Spl #: M13005-23

Date: 5/15/95

Project Name: LAW ENG. ATL JOB # 5890869501, USPS Lumberton, MS

Analyst: Paul Hess

Sample Identification: SAMPLE # 23 - Attic

Gross Visual Description: Brown (orange) fibrous material

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	_____	_____	_____
Pleochroism	_____	_____	_____
Refractive Index // / 1	_____	_____	_____
Sign of Elongation	_____	_____	_____
Extinction	_____	_____	_____
Birefringence	_____	_____	_____
Melt	_____	_____	_____
Fiber Name	_____	_____	_____

ASBESTOS MINERALS:

Est. Vol. %

Chrysotile	<u>NO ASBESTOS OBSERVED</u>
Amosite	_____
Actinolite	_____
Tremolite/Actinolite	_____
Anthophyllite	_____

OTHER FIBROUS COMPONENTS:

Mineral/Rock wool	_____
Fibrous glass	_____
Cellulose	<u>98</u>
Synthetic	_____
Hair	_____

NON FIBROUS COMPONENTS:

Vermiculite	_____
Wollastonite	_____
Mineral Grains	_____

BINDERS:

X

EFFERVESCENCE: _____

COMMENTS:

X = Material detected

MATERIALS ANALYTICAL SERVICES, INC.
BULK ASBESTOS ANALYSIS

Project # - Spl #: M13005-24

Date: 5/15/95

Project Name: LAW ENG. ATL. JOB # 5890869501, USPS Lumberton, MS

Analyst: Paul Hess

Sample Identification: SAMPLE # 24 - Office #3

Gross Visual Description: Brown (orange) fibrous material

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	_____	_____	_____
Pleochroism	_____	_____	_____
Refractive Index // ⊥	_____	_____	_____
Sign of Elongation	_____	_____	_____
Extinction	_____	_____	_____
Birefringence	_____	_____	_____
Melt	_____	_____	_____
Fiber Name	_____	_____	_____

ASBESTOS MINERALS:

Est. Vol. %

Chrysotile	<u>NO ASBESTOS OBSERVED</u>
Amosite	_____
Tricoidolite	_____
Tremolite/Actinolite	_____
Anthophyllite	_____

OTHER FIBROUS COMPONENTS:

Mineral/Rock wool	_____
Fibrous glass	_____
Cellulose	<u>95</u>
Synthetic	_____
Hair	_____

NON FIBROUS COMPONENTS:

Vermiculite	_____
Wollastonite	_____
Mineral Grains	_____

BINDERS: _____ X _____

EFFERVESCENCE: _____

COMMENTS:

X = Material detected

MATERIALS ANALYTICAL SERVICES, INC.
BULK ASBESTOS ANALYSIS

Project # - Spl #: M13005-25

Date: 5/15/95

Project Name: LAW ENG. ATL JOB # 5890869501, USPS Lumberton, MS

Analyst: Paul Hess

Sample Identification: SAMPLE # 25 - Office #3

Gross Visual Description: Brown (orange) fibrous material

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	_____	_____	_____
Pleochroism	_____	_____	_____
Refractive Index // / ⊥	_____	_____	_____
Sign of Elongation	_____	_____	_____
Extinction	_____	_____	_____
Birefringence	_____	_____	_____
Melt	_____	_____	_____
Fiber Name	_____	_____	_____

ASBESTOS MINERALS:

Est. Vol. %

Chrysotile	<u>NO ASBESTOS OBSERVED</u>
Amosite	_____
Actinolite	_____
Tremolite/Actinolite	_____
Anthophyllite	_____

OTHER FIBROUS COMPONENTS:

Mineral/Rock wool	_____
Fibrous glass	_____
Cellulose	<u>95</u>
Synthetic	_____
Hair	_____

NON FIBROUS COMPONENTS:

Vermiculite	_____
Wollastonite	_____
Mineral Grains	_____

BINDERS:

X

EFFERVESCENCE: _____

COMMENTS:

X = Material detected.

**MATERIALS ANALYTICAL SERVICES, INC.
BULK ASBESTOS ANALYSIS**

Project # - Spl #: M13005-26

Date: 5/15/95

Project Name: LAW ENG ATL JOB # 5890869501 USPS Lumberton, MS

Analyst: Paul Hess

Sample Identification: SAMPLE # 26 - Office #3

Gross Visual Description: Brown (orange) fibrous material

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	_____	_____	_____
Pleochroism	_____	_____	_____
Refractive Index // / ⊥	_____	_____	_____
Sign of Elongation	_____	_____	_____
Extinction	_____	_____	_____
Birefringence	_____	_____	_____
Melt	_____	_____	_____
Fiber Name	_____	_____	_____

ASBESTOS MINERALS:

Est. Vol. %

Chrysotile	<u>NO ASBESTOS OBSERVED</u>
Amosite	_____
Crocidolite	_____
Tremolite/Actinolite	_____
Anthophyllite	_____

OTHER FIBROUS COMPONENTS:

Mineral/Rock wool	_____
Fibrous glass	_____
Cellulose	<u>95</u>
Synthetic	_____
Hair	_____

NON FIBROUS COMPONENTS:

Vermiculite	_____
Wollastonite	_____
Mineral Grains	_____

BINDERS:

X

EFFERVESCENCE: _____

COMMENTS:

X = Material detected

**MATERIALS ANALYTICAL SERVICES, INC.
BULK ASBESTOS ANALYSIS**

Project # - Spl #: M13005-27

Date: 5/15/95

Project Name: LAW ENG. ATL JOB # 5890869501, USPS Lumberton, MS

Analyst: Paul Hess

Sample Identification: SAMPLE # 27 - Storage area #2

Gross Visual Description: Black, fibrous, well bound mastic

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	_____	_____	_____
Pleochroism	_____	_____	_____
Refractive Index // / ⊥	_____	_____	_____
Sign of Elongation	_____	_____	_____
Extinction	_____	_____	_____
Birefringence	_____	_____	_____
Melt	_____	_____	_____
Fiber Name	_____	_____	_____

ASBESTOS MINERALS:

Est. Vol. %

Chrysotile	<u>NO ASBESTOS OBSERVED</u>
Amosite	_____
Crocidolite	_____
Tremolite/Actinolite	_____
Anthophyllite	_____

OTHER FIBROUS COMPONENTS:

Mineral/Rock wool	_____
Fibrous glass	_____
Cellulose	<u>20</u>
Synthetic	_____
Hair	_____

NON FIBROUS COMPONENTS:

Vermiculite	_____
Wollastonite	_____
Mineral Grains	<u>X</u>

BINDERS:

Bitumen

EFFERVESCENCE: _____

COMMENTS:

X = Material detected

**MATERIALS ANALYTICAL SERVICES, INC.
BULK ASBESTOS ANALYSIS**

Project # - Spl #: M13005-28

Date: 5/15/95

Project Name: LAW ENG. ATL. JOB # 5890869501, USPS Lumberton, MS

Analyst: Paul Hess

Sample Identification: SAMPLE # 28 - Storage area #2

Gross Visual Description: Black, fibrous, well bound mastic

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	_____	_____	_____
Pleochroism	_____	_____	_____
Refractive Index // /L	_____	_____	_____
Sign of Elongation	_____	_____	_____
Extinction	_____	_____	_____
Birefringence	_____	_____	_____
Melt	_____	_____	_____
Fiber Name	_____	_____	_____

ASBESTOS MINERALS:

Est. Vol. %

Chrysotile	<u>NO ASBESTOS OBSERVED</u>
Amosite	_____
Crocidolite	_____
Tremolite/Actinolite	_____
Anthophyllite	_____

OTHER FIBROUS COMPONENTS:

Mineral/Rock wool	_____
Fibrous glass	_____
Cellulose	<u>20</u>
Synthetic	_____
Hair	_____

NON FIBROUS COMPONENTS:

Vermiculite	_____
Wollastonite	_____
Mineral Grains	<u>X</u>

BINDERS:

Bitumen

EFFERVESCENCE: _____

COMMENTS:

X = Material detected

**MATERIALS ANALYTICAL SERVICES, INC.
BULK ASBESTOS ANALYSIS**

Project # - Spl #: M13005-29

Date: 5/15/95

Project Name: LAW ENG. ATL JOB # 5890869501, USPS Lumberton, MS

Analyst: Paul Hess

Sample Identification: SAMPLE # 29 - 2nd floor HVAC room

Gross Visual Description: Gray fibrous cementitious material

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	<u>wavy</u>		
Pleochroism	<u>none</u>		
Refractive Index // / ⊥	<u>1.555/1.545</u>		
Sign of Elongation	<u>positive</u>		
Extinction	<u>Parallel</u>		
Birefringence	<u>low</u>		
Melt	<u>no</u>		
Fiber Name	<u>Chrysotile</u>		

ASBESTOS MINERALS:

Est. Vol. %

Chrysotile	<u>50</u>
Amosite	
Anthophyllite	
Tremolite/Actinolite	
Anthophyllite	

OTHER FIBROUS COMPONENTS:

Mineral/Rock wool	<u>05</u>
Fibrous glass	
Cellulose	
Synthetic	
Hair	

NON FIBROUS COMPONENTS:

Lizardite	<u>X</u>
Vermiculite	
Opaques	<u>X</u>
Mineral Grains	<u>X</u>

BINDERS:

X

EFFERVESCENCE: _____

COMMENTS:

X = Material detected

MATERIALS ANALYTICAL SERVICES, INC.
BULK ASBESTOS ANALYSIS

Project # - Spl #: M13005-30

Date: 5/15/95

Project Name: LAW ENG ATL JOB # 5890869501 USPS Lumberton, MS

Analyst: Paul Hess

Sample Identification: SAMPLE # 30 - 2nd floor HVAC room

Gross Visual Description: Gray fibrous cementitious material

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology _____
Pleochroism _____
Refractive Index ///1 _____
Sign of Elongation _____
Extinction _____
Birefringence _____
Melt _____
Fiber Name _____

ASBESTOS MINERALS:

Est. Vol. %

Chrysotile	_____
Amosite	_____
Anthophyllite	_____
Tremolite/Actinolite	_____
Anthophyllite	_____

NOT ANALYZED

OTHER FIBROUS COMPONENTS:

Mineral/Rock wool	_____
Fibrous glass	_____
Cellulose	_____
Synthetic	_____
Hair	_____

NON FIBROUS COMPONENTS:

Vermiculite	_____
Wollastonite	_____
Mineral Grains	_____

BINDERS:

EFFERVESCENCE: _____

COMMENTS:

Not Analyzed, Previous Positive

**MATERIALS ANALYTICAL SERVICES, INC.
BULK ASBESTOS ANALYSIS**

Project # - Spl #: M13005-31

Date: 5/15/95

Project Name: LAW ENG. ATL. JOB # 5890869501, USPS Lumberton, MS

Analyst: Paul Hess

Sample Identification: SAMPLE # 31 - 2nd floor HVAC room

Gross Visual Description: Gray fibrous cementitious material

OPTICAL DATA FOR ASBESTOS IDENTIFICATION

Morphology	_____	_____	_____
Pleochroism	_____	_____	_____
Refractive Index // 1	_____	_____	_____
Sign of Elongation	_____	_____	_____
Extinction	_____	_____	_____
Birefringence	_____	_____	_____
Melt	_____	_____	_____
Fiber Name	_____	_____	_____

ASBESTOS MINERALS:

Est. Vol. %

Chrysotile	<u>NOT ANALYZED</u>
Amosite	_____
Anthophyllite	_____
Tremolite/Actinolite	_____
Anthophyllite	_____

OTHER FIBROUS COMPONENTS:

Mineral/Rock wool	_____
Fibrous glass	_____
Cellulose	_____
Synthetic	_____
Hair	_____

NON FIBROUS COMPONENTS:

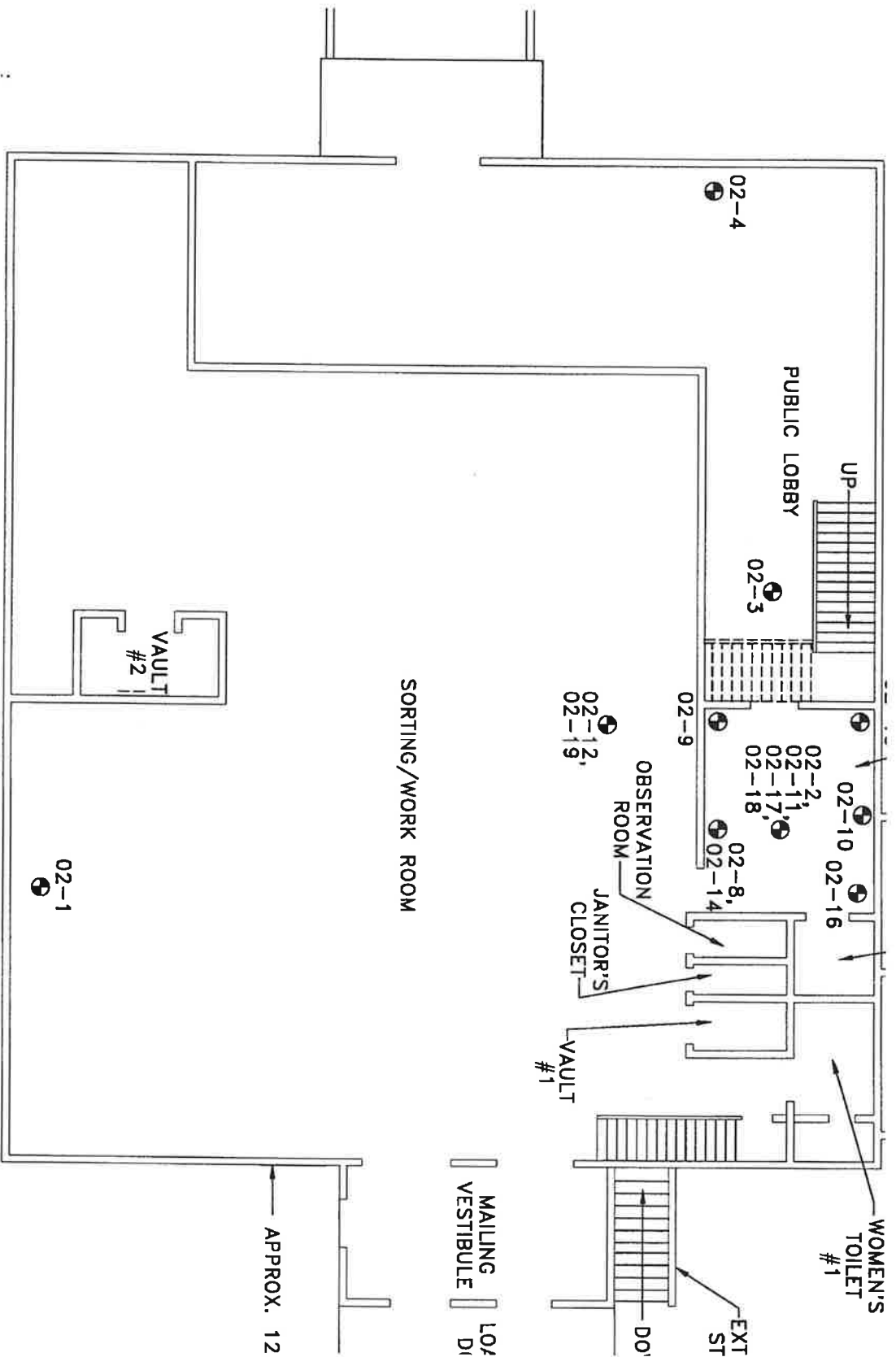
Vermiculite	_____
Wollastonite	_____
Mineral Grains	_____

BINDERS:

EFFERVESCENCE: _____

COMMENTS:

Not Analyzed, Previous Positive



FIRST FLOOR PLAN

NOTE:
DIMENSIONS SHOWN ARE APPROXIMATE AND SHOULD NOT BE
USED FOR MATERIAL TAKE-OFFS OR OTHER DETAILED ESTIMATES.

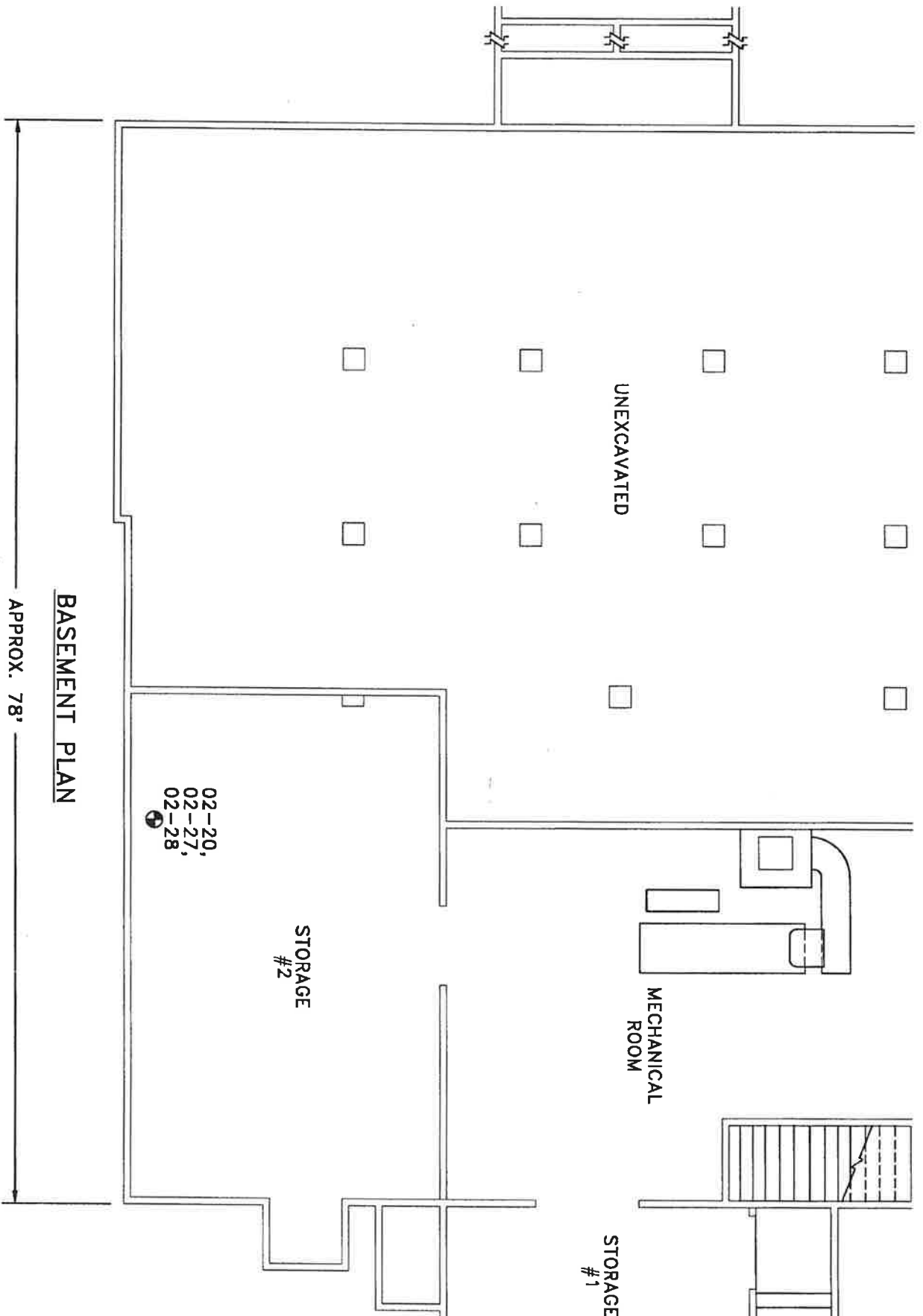


LAW ENGINEERING, INC.

396 PLASTERS AVENUE
ATLANTA, GEORGIA
(404) 873-4761

ENGINEERING AND ENVIRONMENTAL SERVICES

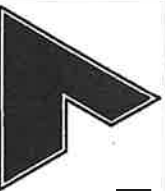
Job Number
589-C



NOTE:
 DIMENSIONS SHOWN ARE APPROXIMATE AND SHOULD NOT BE
 USED FOR MATERIAL TAKE-OFFS OR OTHER DETAILED ESTIMATES.

BASEMENT PLAN

APPROX. 78'



LAW ENGINEERING, INC.

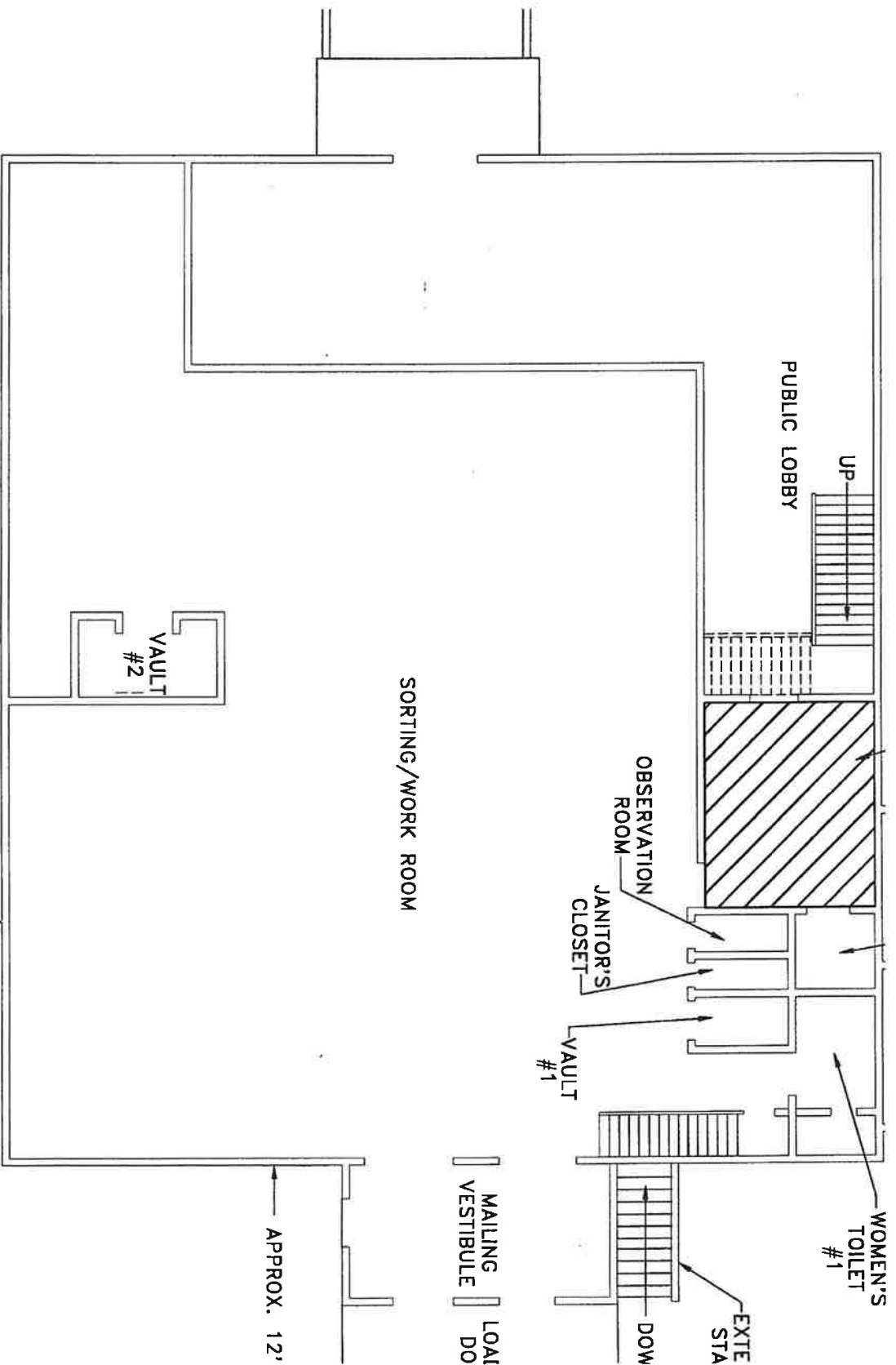
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UNIT

1

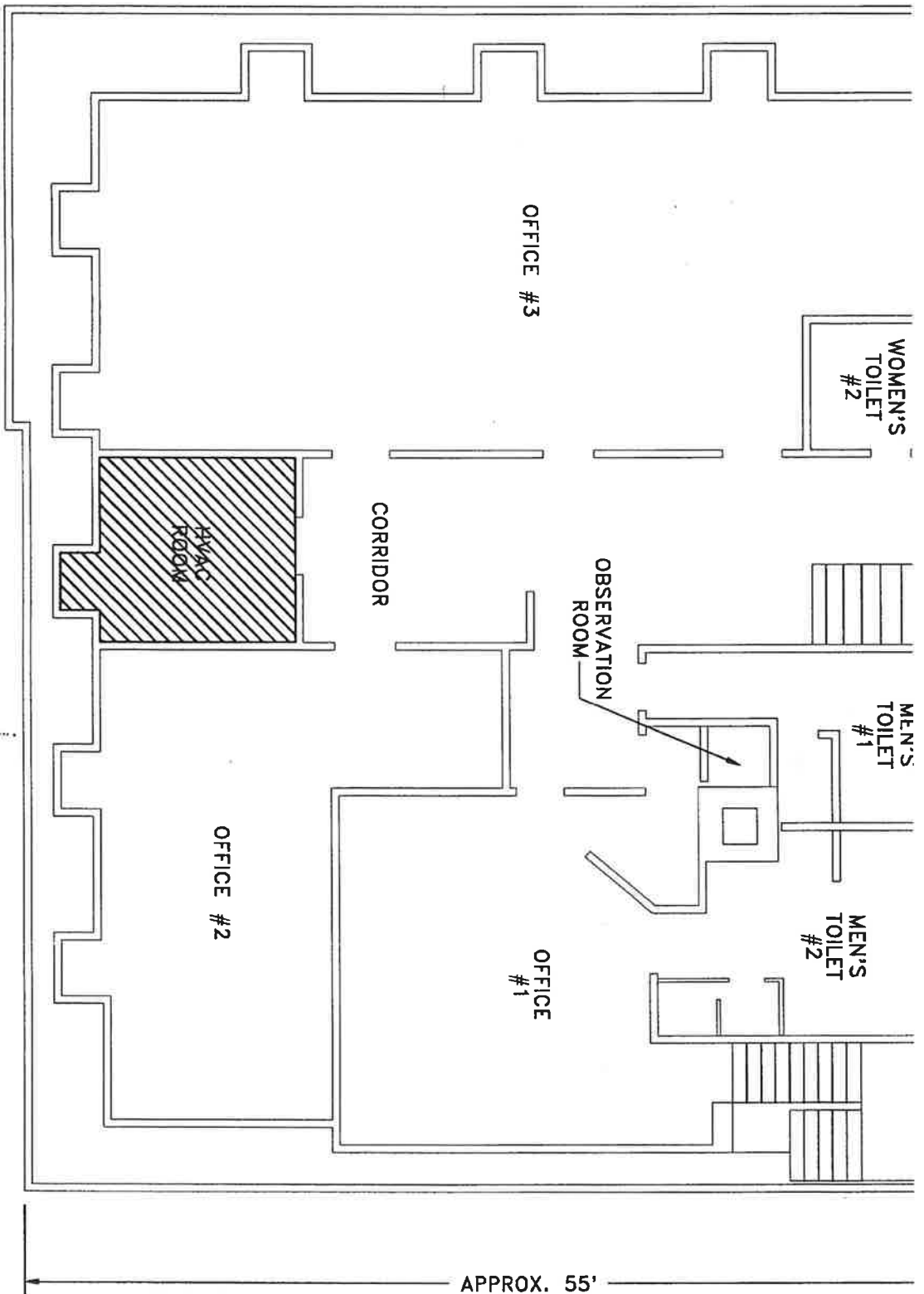
Job Number
 589-01



FIRST FLOOR PLAN

NOTE:
DIMENSIONS SHOWN ARE APPROXIMATE AND SHOULD NOT BE
USED FOR MATERIAL TAKE-OFFS OR OTHER DETAILED ESTIMATES.

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	1
Job Number	589-01



NOTE:
 DIMENSIONS SHOWN ARE APPROXIMATE AND SHOULD NOT BE
 USED FOR MATERIAL TAKE-OFFS OR OTHER DETAILED ESTIMATES.



LAW ENGINEERING, INC.

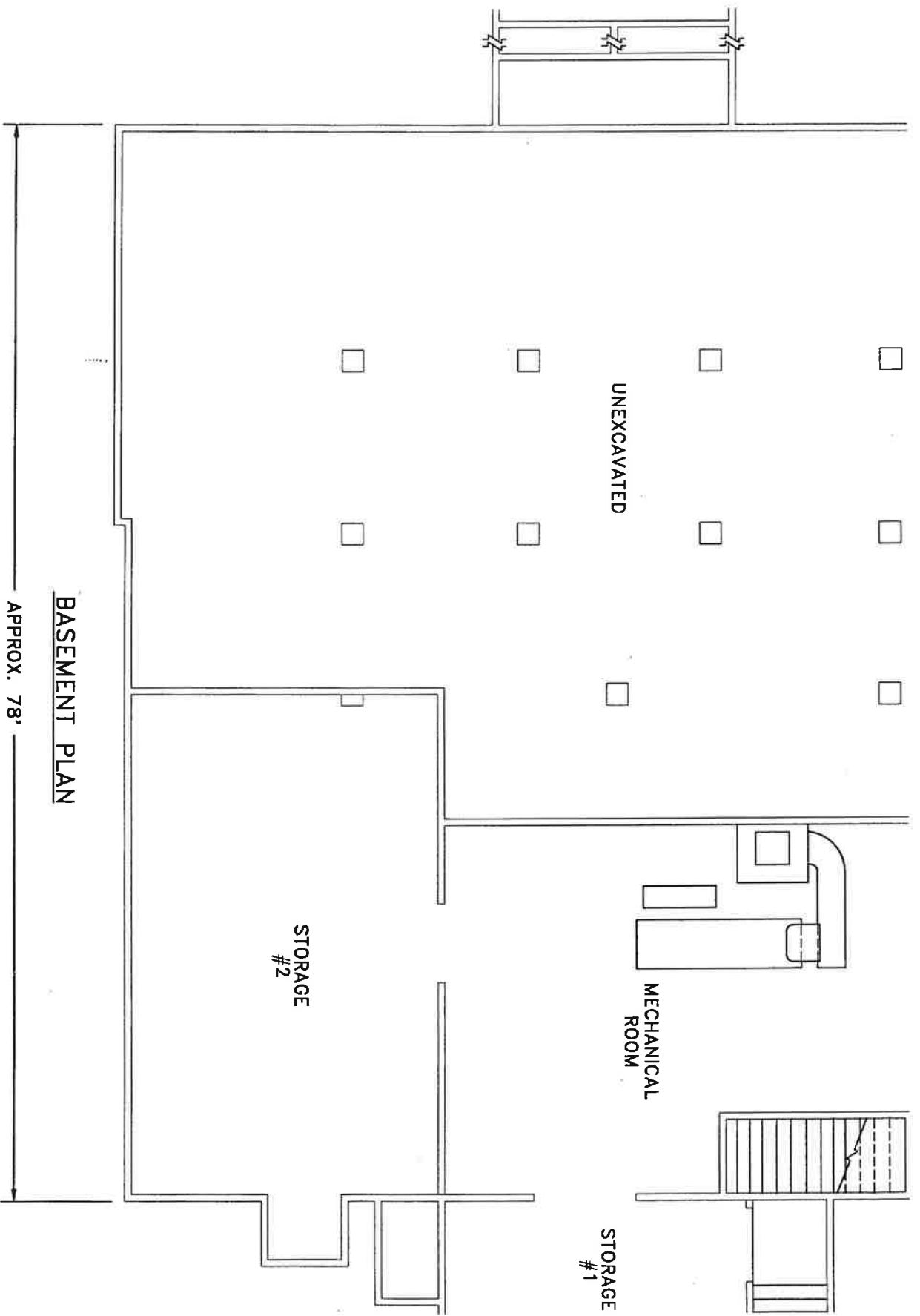
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ENGINEERING AND ENVIRONMENTAL SERVICES

UNIT

Job Number

589-0



NOTE:
 DIMENSIONS SHOWN ARE APPROXIMATE AND SHOULD NOT BE
 USED FOR MATERIAL TAKE-OFFS OR OTHER DETAILED ESTIMATES.



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UNIT

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Job Number

589-01

