



# Leon County

## Board of County Commissioners

301 South Monroe Street, Tallahassee, Florida 32301  
(850) 606-5302 [www.leoncountyfl.gov](http://www.leoncountyfl.gov)

Commissioners

February 19, 2014

**BILL PROCTOR**  
District 1

RE: Bid Title: Fred George Greenway Museum and Nature Center Renovation  
Bid No: BC-02-27-14-22

**JANE G. SAULS**  
District 2

Opening Date: February 27, 2014 at 2:30 PM

**JOHN DAILEY**  
District 3

### ADDENDUM #1

**BRYAN DESLOGE**  
District 4

Dear Vendor: This letter serves as Addendum #1 for the above referenced project.  
The following shall be added to the bid specifications:

**KRISTIN DOZIER**  
District 5

Addendum to the plans and specifications, attached.

**MARY ANN LINDLEY**  
At-Large

Acknowledgment of this addendum is required as part of your bid submittal.  
Failure to acknowledge this addendum may result in rejection of your bid.

**NICK MADDOX**  
At-Large

Should you have any questions, feel free to call me at (850) 606-1600.  
Sincerely,

**VINCENT S. LONG**  
County Administrator

A handwritten signature in black ink that reads "Jay Kirkland".

**HERBERT W.A. THIELE**  
County Attorney

Jay Kirkland  
Purchasing Agent

**ADDENDUM NUMBER 1 TO  
THE CONTRACT DOCUMENTS**

Fred George Greenway Community Center  
BFBA Project Number - 14050

Prepared by:

Barnett Fronczak Barlowe Architects  
225 South Adams Street  
Tallahassee, Florida 32301

The following items hereby become part of the Contract Documents, dated 16 August 2013, for the above referenced project.

**DESCRIPTION:**

- Item No. 1:** Provide an additive and deductive unit cost for removing and replacing existing wood and roof deck, roof membrane and flashing on the porch. The Base Bid shall assume a maximum of 50 square feet of damage to porch assemblies.
- Item No. 2:** Provide an additive and deductive unit cost for removing and replacing existing roof decking. The Base Bid shall assume a maximum of 50 square feet of damage to roof decking.
- Item No. 3:** Provide an additive and deductive unit cost to replace damaged glass units and an additive and deductive unit cost to replace sash mechanisms in the windows.
- Item No. 4:** The Base Bid includes the reuse of the existing water heater
- Item No. 5:** The Base Bid includes the reuse of the existing ceiling grid and replacement of damaged ceiling tiles to match existing. Provide an additive and deductive unit cost for ceiling tile replacement for total replacement of all tile.
- Item No. 6:** The Base Bid will allow painting of the exposed/varnished wood ceiling. Provide one color for the exposed joists/beams and one color for the ceiling deck.
- Item No. 7:** The Base Bid includes the reuse of the existing well on site for domestic water. Tap costs, tap fees and system charge will be paid for by the Owner.

- Item No. 8:** The Basis of Design for the vinyl “wood plank” flooring called out in the Room Finish Schedule is Hallmark Luxury Vinyl – “El Dorodo” – Valencia Teak; Trinity Tile, 115 SW 49 Ave, Suite 105, Ocala, FL, 34474. (866) 774-3390.
- Item No 9:** Provide new columns and base plate attached to existing anchor bolts in accordance with Attachment “a”, date 19 February 2014.
- Item No. 10:** Hazardous materials are present in the building as documented in Attachment “b” - Asbestos Survey Report. Bidders shall assume that there is no asbestos abatement required in the Project Requirements for this Bid.

**SPECIFICATIONS:**

None

**DRAWINGS:**

Attachment “a”, dated 19 February 2014

**ATTACHMENTS SUMMARY:**

**Specifications:**

None

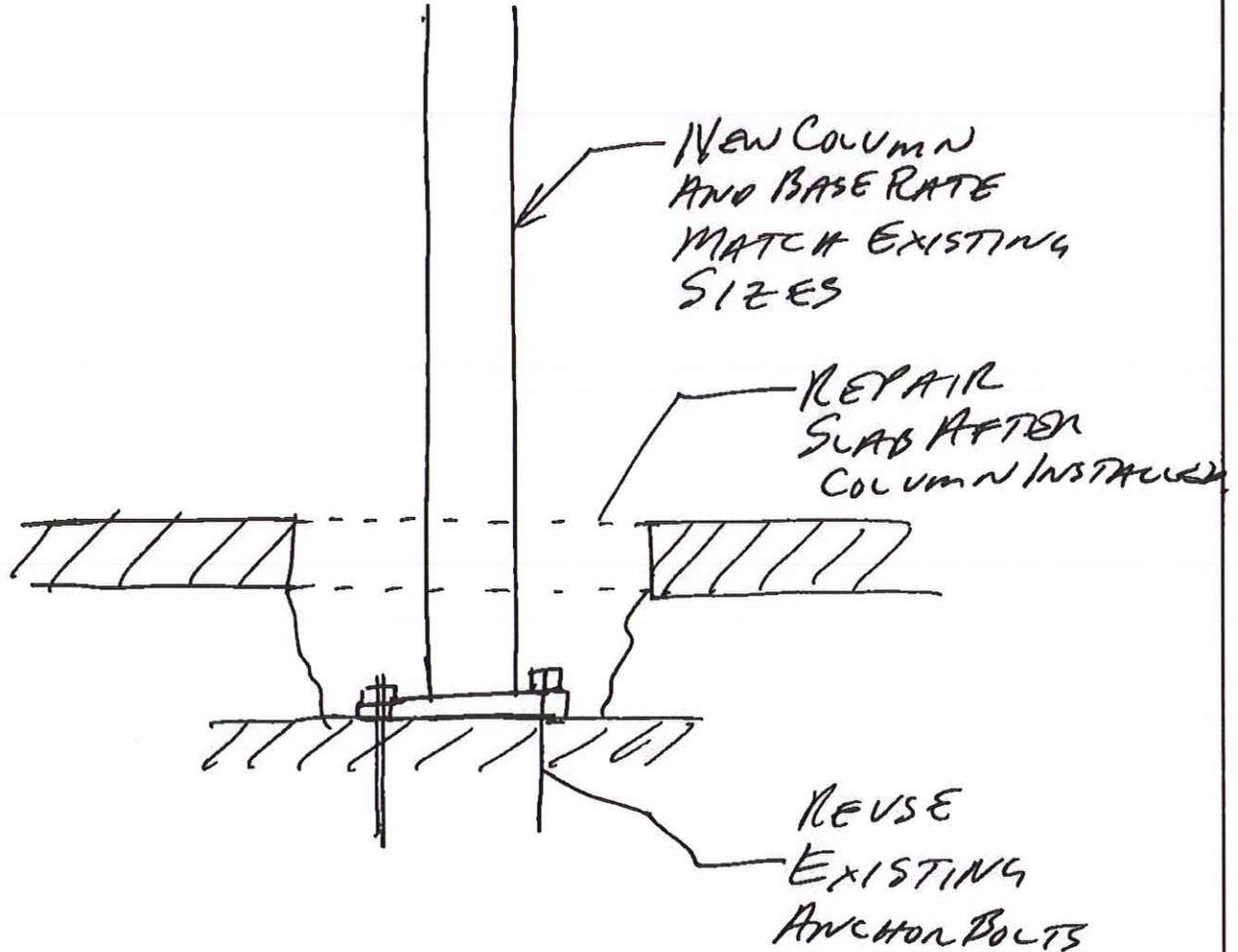
**8.5 x 11 Documents:**

Attachment “b”, dated 18 February 2014

**22x34” Drawings:**

None

END OF ADDENDUM



PROJECT NAME FRED GEORGE

CALCULATED BY \_\_\_\_\_

SHEET No. \_\_\_\_\_ of \_\_\_\_\_ JOB No. \_\_\_\_\_

SCALE \_\_\_\_\_ DATE \_\_\_\_\_

19 February 2014

attachment "a"

**ASBESTOS SURVEY REPORT**

**3034 Capital Circle NW  
Tallahassee, Florida 32303**



**Prepared For**

**Leon County Facilities Management  
1907 South Monroe Street  
Tallahassee, Florida 32301**

**Report Date: 18-Feb-14**

**MEI Project No: 026.017.000**



**Mihir Environics Inc.**

3161 Eliza Road Unit # 2  
TALLAHASSEE, FL 32308  
(850) 422-1255

*attachment "b"*



**ASBESTOS SURVEY REPORT**  
**3034 Capital Circle NW**

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**Asbestos Survey Report**  
**3034 Capital Circle NW**

**ACM**

**Building No.:** Not Assigned      **Location:** Tallahassee, Florida 32303

ACM - Asbestos Containing Material

lf - linear feet

NAD -No Asbestos Detected

NON-ACM - Non Asbestos Containing Material

sf -square feet

CH - Chrysotile, AM - Amosite

HA - Homogenous Area

ea - each

**Surveyor:**

**SurveyDate:**

**Asbestos Consultant:**

John DeLoach, S. Thakkar

11-Feb-14

Ajay Thakkar, CIH

FL Lic. No. IA 00000056

**INTRODUCTION**

Mihir Environics, Inc. (MEI) was retained by the Client to conduct an Asbestos survey of the building referenced above. The objectives of the survey were to identify and analyze materials suspected of containing asbestos, to determine the extent of ACM in the building, to provide recommendations for managing the ACM.

This report was produced from the data collected by MEI personnel. The survey report for the building follows the executive Summary.

**REPORT ORGANIZATION**

This report is divided into the Executive Summary and Asbestos Survey information for the building.

The Executive Summary : The Executive Summary provides general summary of buildings with ACM and without ACM.

The Asbestos Survey Information : The asbestos survey details of the building are included. The information for building survey information includes the following:

\* Building information including building number and name, photograph (if available), Survey date and personnel information, pertinent comment. It also indicates ACM status of the building such as ACM, NON-ACM and NSM (No Suspect Material)

\* When suspect ACM were not identified, a statement " Suspect asbestos-containing



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materials were not identified in the building."

\* ACM HA Summary - list ACM homogenous area (HA) number and description; friability, Comments and recommendations and picture when available. When ACM are not identified in the building ACM Summary will not be there.

\* ACM Quantity Summary - A table summarizing ACM approximate quantity and condition by homogenous area number and Room number. When ACM are not identified in the building ACM Quantity Summary will not be there.

\* NON-ACM HA List - list NON-ACM homogenous area number, description and picture when available.

\* NON-ACM Quantity Summary - A table summarizing NON-ACM approximate quantity by homogenous area number and Room number.

\* Bulk Sample Summary - A table summarizing bulk sample results with Sample Number, HA number and description, location and result.

\* Sample Location Drawing - A drawing indicating floor plan, room designation, sample number location. The drawing also outlines area with ACM by HA.

\* Bulk sample laboratory analysis reports.

**EXECUTIVE SUMMARY**

This Executive Summary is provided as courtesy to facilitate review. The user is cautioned to review the entire report prior to making environmental decisions, and to refrain from separately transmitting this text of the report without supporting appendices of the report.

The above referenced facility survey fieldwork was coordinated with Mr. John Ward Prior to the actual physical building inspection, MEI reviews available pertinent building



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documentation for information that might indicate (i) usage or location of suspect ACM in the construction of the building, or during subsequent renovation. There were no documents pertaining to this building, available.

The building was physically inspected to determine the presence or absence of suspect ACM, assess all suspect ACM, quantify all suspect ACM and collect necessary bulk samples.

All suspect ACM were categorized by homogenous area and functional spaces. All pertinent information including homogenous area number and description; bulk sample number and location; material assessment including condition, were recorded in the field per homogenous area.

The representative bulk samples of all materials suspected to contain asbestos were collected. After collection, the bulk samples were shipped to laboratory located in Richmond, Virginia for analysis. Bulk samples were analyzed by Polarized Light Microscopy/Dispersion Staining (PLM/DS) in accordance with EPA-600/R-93/116. Each layer in the sample was analyzed when present. Analysis results were reported by layer and as a composite sample for each sample. Analysis was stopped when any one (1) sample in a homogenous area was determined to contain asbestos, as defined by the EPA. The analyses were performed by the SCHNEIDER laboratory located at 2512 W Cary Street Richmond, Virginia 23220-5117. The laboratory is accredited by NVLAP (No. 101150-0).

Table 1 summarizes ACM status summary.

Based on the survey findings ACM were identified in the building as listed below.

HA-5, Sheet Flooring Floral Pattern in Kitchen/Dining room is ACM. Asbestos containing flooring material should be removed as Regulated ACM (RACM) prior to any disturbance as this material is likely to become friable during renovation or demolition. Asbestos abatement shall be performed by Florida Licensed asbestos abatement contractor.

HA-7 Floor Mastic Black in Family room, foyer and hallway is ACM. Remove asbestos



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containing floor mastic as ACM prior to any disturbance as this material is likely to become friable during disturbance. If the building is scheduled for demolition, remove asbestos containing adhesive mastic as ACM if concrete substrate will be recycled. If concrete is not going to be recycled, mastic can be left in place during demolition, provided wet demolition is performed. Asbestos abatement shall be performed by Florida Licensed asbestos abatement contractor.

HA-8, Floor Tile 9x9 White and Mastic Black in Bedroom 1, Bedroom 2 and Bath 1 is ACM. Asbestos containing flooring material and Mastic back should be removed as Regulated ACM (RACM) prior to any disturbance as this material is likely to become friable during disturbance. If the building is scheduled for demolition, remove asbestos containing adhesive mastic as ACM if concrete substrate will be recycled. If concrete is not going to be recycled, mastic can be left in place during demolition, provided wet demolition is performed. Asbestos abatement shall be performed by Florida Licensed asbestos abatement contractor.

HA-9, Floor tile 12x12 (Multi layer) and Mastic Black in Bath 2 is ACM. Asbestos containing flooring material and Mastic back should be removed as Regulated ACM (RACM) prior to any disturbance as this material is likely to become friable during disturbance. If the building is scheduled for demolition, remove asbestos containing adhesive mastic as ACM if concrete substrate will be recycled. If concrete is not going to be recycled, mastic can be left in place during demolition, provided wet demolition is performed. Asbestos abatement shall be performed by Florida Licensed asbestos abatement contractor.

HA-10, Sheet Flooring Rock Pattern in Bath 4 is ACM. Asbestos containing flooring material should be removed as Regulated ACM (RACM) prior to any disturbance as this material is likely to become friable during renovation or demolition. Asbestos abatement shall be performed by Florida Licensed asbestos abatement contractor.

- Florida DEP should be notified at least 10 days prior to start of asbestos abatement.



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- Asbestos abatement should be performed by licensed asbestos abatement contractor.
- This Asbestos survey report should not be considered as asbestos abatement specification.

**Table 1**  
**HA Summary by Building Number and ACM Status**

Building No.	Building Name	HA No.	HA Description	ACM Status
Not Assigned	3034 Capital Circle NW			
		1	Roof Shingle	NON-ACM
		2	Ceiling tile 2x4	NON-ACM
		3	Plaster/Drywall	NON-ACM
		4	Drywall Ceiling	NON-ACM
		5	Sheet flooring Folral pattern	ACM
		6	Sheet flooring Blue Diamond	NON-ACM
		7	Floor Mastic Black	ACM
		8	Floor tile 9x9 and mastic Black	ACM
		9	Floor tile 12x12 (Multi layer) and Mastic Black	ACM
		10	Sheet Flooring (Rock Pattern)	ACM
		11	Built Up Roof	NON-ACM
		12	Built up Roof Patch	NON-ACM

**MATERIAL ASSESSMENT**

Material assessment of all suspect ACM homogenous area was performed during field inspection. Material assessment of each homogenous area was recorded by the surveyor on asbestos survey forms. Each homogenous area was assessed for its (i) Material condition



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(No damage, localized or distributed damage %), (ii) Type of damage (deterioration, water damage or physical damage), (iii) Potential for air erosion (high, moderate or low), (iv) Potential for vibration (high, moderate or low), (v) Potential for contact (high, moderate or low), (vi) Accessibility (yes or no), and (vii) Friability of material (friable or non-friable, friable means a condition wherein the material, when dry, can be crumbled by hand pressure). Based on this assessment and sample analysis results present condition of the material was classified in one of these categories; poor, fair, good or non-ACM; and potential for future damage was classified in one of these categories; high, moderate or low .

**Present Condition**

ACM was classified in "Good" (Undamaged) condition when it showed no visible damage or deterioration, or very limited damage or deterioration.

Asbestos-containing surfacing or miscellaneous material was classified in "Poor" (Significantly damaged) condition if 10% or more of the overall surface was damaged (if the damage was evenly distributed) or if the damage was localized in an area representing 25% or more of the total material less than 25% (if the damage was localized).

Asbestos-containing thermal system insulation material was classified in "Fair" condition if jackets are generally missing or the insulation was crushed, gouged, or punctured for 10% or more of the tank, vessel, pipe run/risers (if the damage was evenly distributed) or more than 25% (if the damage was localized).

**RECOMMENDATION**

Based on the survey findings ACM were identified in the building as listed below.

HA-5, Sheet Flooring Floral Pattern in Kitchen/Dining room is ACM. Asbestos containing flooring material should be removed as Regulated ACM (RACM) prior to any disturbance as this material is likely to become friable during renovation or demolition. Asbestos abatement



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shall be performed by Florida Licensed asbestos abatement contractor.

HA-7 Floor Mastic Black in Family room, foyer and hallway is ACM. Remove asbestos containing floor mastic as ACM prior to any disturbance as this material is likely to become friable during disturbance. If the building is scheduled for demolition, remove asbestos containing adhesive mastic as ACM if concrete substrate will be recycled. If concrete is not going to be recycled, mastic can be left in place during demolition, provided wet demolition is performed. Asbestos abatement shall be performed by Florida Licensed asbestos abatement contractor.

HA-8, Floor Tile 9x9 White and Mastic Black in Bedroom 1, Bedroom 2 and Bath 1 is ACM. Asbestos containing flooring material and Mastic back should be removed as Regulated ACM (RACM) prior to any disturbance as this material is likely to become friable during disturbance. If the building is scheduled for demolition, remove asbestos containing adhesive mastic as ACM if concrete substrate will be recycled. If concrete is not going to be recycled, mastic can be left in place during demolition, provided wet demolition is performed. Asbestos abatement shall be performed by Florida Licensed asbestos abatement contractor.

HA-9, Floor tile 12x12 (Multi layer) and Mastic Black in Bath 2 is ACM. Asbestos containing flooring material and Mastic back should be removed as Regulated ACM (RACM) prior to any disturbance as this material is likely to become friable during disturbance. If the building is scheduled for demolition, remove asbestos containing adhesive mastic as ACM if concrete substrate will be recycled. If concrete is not going to be recycled, mastic can be left in place during demolition, provided wet demolition is performed. Asbestos abatement shall be performed by Florida Licensed asbestos abatement contractor.

HA-10, Sheet Flooring Rock Pattern in Bath 4 is ACM. Asbestos containing flooring material should be removed as Regulated ACM (RACM) prior to any disturbance as this material is likely to become friable during renovation or demolition. Asbestos abatement shall be performed by Florida Licensed asbestos abatement contractor.



**Asbestos Survey Report**  
**3034 Capital Circle NW**

**ACM**

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- Florida DEP should be notified at least 10 days prior to start of asbestos abatement.
- Asbestos abatement should be performed by licensed asbestos abatement contractor.
- This Asbestos survey report should not be considered as asbestos abatement specification.

**Asbestos Survey Report**  
**3034 Capital Circle NW****ACM****Building No.: Not Assigned****Location: Tallahassee, Florida 32303**

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ea - each

### ACM HA Summary

Based on the site inspection and sample analysis results, following suspect material were determined as Asbestos-containing Material. (ACM). Drawing indicating location of ACM and sample locations are included with this. Laboratory sample analysis report are included with this.

HA No:	HA Description	Friable	ACM Category
5	Sheet flooring Folral pattern	<input type="checkbox"/>	Category I Nonfriable



#### Reccomendations / Comments

Sheet Flooring Floral Pattern in Kitchen/Dining room is ACM. Asbestos containing flooring material should be removed as Regulated ACM (RACM) prior to any disturbance as this material is likely to become friable during renovation or demolition. Asbestos abatement shall be performed by Florida Licensed asbestos abatement contractor.

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HA No:	HA Description	Friable	ACM Category
7	Floor Mastic Black	<input type="checkbox"/>	Category I Nonfriable



**Reccomendations / Comments**

Floor Mastic Black in Family room, foyer and hallway is ACM. Remove asbestos containing floor mastic as ACM prior to any disturbance as this material is likely to become friable during disturbance. If the building is scheduled for demolition, remove asbestos containing adhesive mastic as ACM if concrete substrate will be recycled. If concrete is not going to be recycled, mastic can be left in place during demolition, provided wet demolition is performed. Asbestos abatement shall be performed by Florida Licensed asbestos abatement contractor.

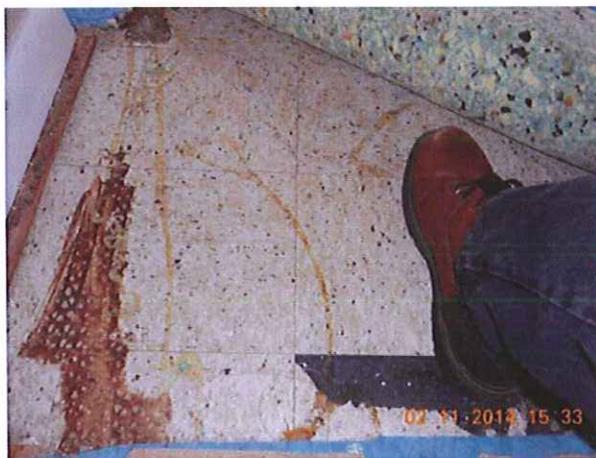
**Asbestos Survey Report**  
**3034 Capital Circle NW**

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HA - Homogenous Area	ea - each	

HA No:	HA Description	Friable	ACM Category
8	Floor tile 9x9 and mastic Black	<input type="checkbox"/>	Category I Nonfriable



**Recommmendations / Comments**

Floor Tile 9x9 White and Mastic Black in Bedroom 1, Bedroom 2 and Bath 1 is ACM. Asbestos containing flooring material and Mastic back should be removed as Regulated ACM (RACM) prior to any disturbance as this material is likely to become friable during disturbance. If the building is scheduled for demolition, remove asbestos containing adhesive mastic as ACM if concrete substrate will be recycled. If concrete is not going to be recycled, mastic can be left in place during demolition, provided wet demolition is performed. Asbestos abatement shall be performed by Florida Licensed asbestos abatement contractor.

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HA - Homogenous Area	ea - each	

HA No:	HA Description	Friable	ACM Category
9	Floor tile 12x12 (Multi layer) and Mastic Black	<input type="checkbox"/>	Category I Nonfriable



**Reccomendations / Comments**

Floor tile 12x12 (Multi layer) and Mastic Black in Bath 2 is ACM. Asbestos containing flooring material and Mastic back should be removed as Regulated ACM (RACM) prior to any disturbance as this material is likely to become friable during disturbance. If the building is scheduled for demolition, remove asbestos containing adhesive mastic as ACM if concrete substrate will be recycled. If concrete is not going to be recycled, mastic can be left in place during demolition, provided wet demolition is performed. Asbestos abatement shall be performed by Florida Licensed asbestos abatement contractor.

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HA - Homogenous Area	ea - each	

HA No:	HA Description	Friable	ACM Category
10	Sheet Flooring (Rock Pattern)	<input type="checkbox"/>	Category I Nonfriable
		<p><b>Recommmendations / Comments</b></p> <p>Sheet Flooring Rock Pattern in Bath 4 is ACM. Asbestos containing flooring material should be removed as Regulated ACM (RACM) prior to any disturbance as this material is likely to become friable during renovation or demolition. Asbestos abatement shall be performed by Florida Licensed asbestos abatement contractor.</p>	

**ACM Quantity Summary**

Based on the site inspection and sample analysis results, location of ACM are summarized by area (room). Drawing indicating location of ACM and sample locations are included with this.

HA No.	HA Description	Room	Quantity	Unit	Condition	Remarks
5	Sheet flooring Folral pattern	Kitchen	550	Good	Good	
7	Floor Mastic Black	Family Room	450	sf	Good	

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7	Floor Mastic Black	Foyer	120	sf	Good
7	Floor Mastic Black	Hallway/Closet	180	sf	Good
8	Floor tile 9x9 and mastic Black	Bath 1	45	sf	Good
8	Floor tile 9x9 and mastic Black	Bedroom 1	100	sf	Good
8	Floor tile 9x9 and mastic Black	Bedroom 2	160	sf	Good
9	Floor tile 12x12 (Multi layer) and Mastic Black	Bath 2	25	sf	Good
10	Sheet Flooring (Rock Pattern)	Bath 4	65	sf	Good

**Non-ACM HA Summary**

Based on the site inspection and sample analysis results, following suspect material were determined as Non Asbestos-containing Material. (NON-ACM).

HA No.	HA Description	Photo	Comments
1	Roof Shingle		

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NON-ACM - Non Asbestos Containing Material

HA - Homogenous Area

lf - linear feet

sf -square feet

ea - each

NAD -No Asbestos Detected

CH - Chrysotile, AM - Amosite

2 Ceiling tile 2x4



3 Plaster/Drywall



4 Drywall Ceiling



6 Sheet flooring Blue Diamond



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 HA - Homogenous Area      ea - each

11	Built Up Roof	
12	Built up Roof Patch	

**NON-ACM Quantity Summary**

Based on the site inspection and sample analysis results, location of NON-ACM are summarized by area (room).

HA No.	HA Description	Room	Quantity	Unit
1	Roof Shingle	Roof	1370	sf
2	Ceiling tile 2x4	Kitchen	24	sf
3	Plaster/Drywall	Bedroom 1	420	sf
3	Plaster/Drywall	Bedroom 2	560	sf



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3	Plaster/Drywall	Bedroom 3	580	sf
3	Plaster/Drywall	Bedroom 4	760	sf
3	Plaster/Drywall	Bath 1	180	sf
3	Plaster/Drywall	Bath 2	80	sf
3	Plaster/Drywall	Bath 3	220	sf
3	Plaster/Drywall	Hallway	360	sf
3	Plaster/Drywall	Family room	660	sf
4	Drywall Ceiling	Family Room	450	sf
6	Sheet flooring Blue Diamond	Family Room Closet	25	sf
11	Built Up Roof	Roof	4125	sf
12	Built up Roof Patch	Roof	300	sf



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HA - Homogenous Area      ea - each

### Bulk Sample Summary

Results of the bulk samples are summarized as follow. The sample locations are included with this. Laboratory sample analysis report are included with this.

Sample No.	HA No.	HA Description	Room	Result
1	1	Roof Shingle	Roof	NAD
2	1	Roof Shingle	Roof	NAD
3	1	Roof Shingle	Roof	NAD
4	2	Ceiling tile 2x4	Kitchen	NAD
5	3	Plaster/Drywall	Bedroom 2	NAD
6	3	Plaster/Drywall	Bedroom 1	NAD
7	3	Plaster/Drywall	Hallway	NAD
8	4	Drywall Ceiling	Family room	NAD
9	4	Drywall Ceiling	Family room	NAD
10	4	Drywall Ceiling	Family room	NAD
11	5	Sheet flooring Folral pattern	Kitchen	20% Chrysotile Asbestos
12	5	Sheet flooring Folral pattern	Kitchen	20% Chrysotile Asbestos



**Asbestos Survey Report**  
**3034 Capital Circle NW**

**ACM**

**Building No.:** Not Assigned      **Location:** Tallahassee, Florida 32303

ACM - Asbestos Containing Material      lf - linear feet      NAD -No Asbestos Detected  
NON-ACM - Non Asbestos Containing Material      sf -square feet      CH - Chrysotile, AM - Amosite  
HA - Homogenous Area      ea - each

13	5	Sheet flooring Folral pattern	Kitchen	20% Chrysotile Asbestos
14	6	Sheet flooring Blue Diamond	Family Room	NAD
15	7	Floor Mastic Black	Family Room	10% Chrysotile Asbestos
16	7	Floor Mastic Black	Family Room	10% Chrysotile Asbestos
17	7	Floor Mastic Black	Family Room	10% Chrysotile Asbestos
18	8	Floor tile 9x9 and mastic Black	Bath 1	2% Asbestos Floor Tile / 3% Asbestos Mastic
19	8	Floor tile 9x9 and mastic Black	Bedroom 2	2% Asbestos Floor Tile / 3% Asbestos Mastic
20	8	Floor tile 9x9 and mastic Black	Bedroom 1	2% Asbestos Floor Tile / 3% Asbestos Mastic
21	9	Floor tile 12x12 (Multi layer) and Mastic Black	Bath 2	2% Asbestos Floor Tile
22	10	Sheet Flooring (Rock Pattern)	Bath 4	20% Asbestos Floor Tile
23	11	Built Up Roof	Roof	NAD



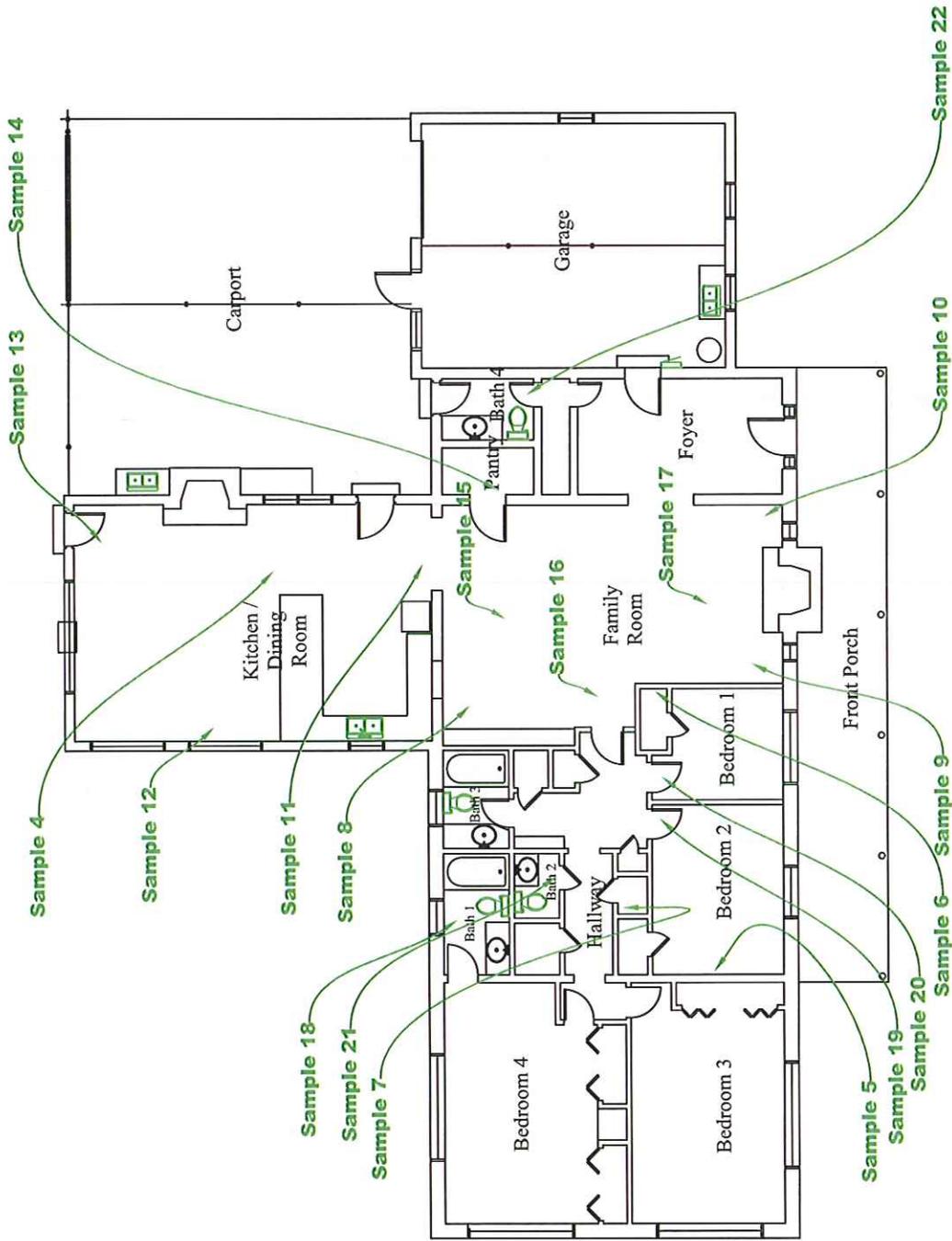
**Asbestos Survey Report**  
**3034 Capital Circle NW**

**ACM**

**Building No.:** Not Assigned      **Location:** Tallahassee, Florida 32303

ACM - Asbestos Containing Material      lf - linear feet      NAD -No Asbestos Detected  
NON-ACM - Non Asbestos Containing Material      sf -square feet      CH - Chrysotile, AM - Amosite  
HA - Homogenous Area      ea - each

24	11	Built Up Roof	Roof	NAD
25	11	Built Up Roof	Roof	NAD
26	12	Built up Roof Patch	Roof Patch	NAD
27	12	Built up Roof Patch	Roof Patch	NAD
28	12	Built up Roof Patch	Roof Patch	NAD



**3043 Capital Circle Northwest  
Tallahassee, Florida 32303**

**Mihir Environics Inc.**  
Environmental Health & Safety Consultants  
1535 KILLEARN CENTER BLVD, SUITE C-5  
TALLAHASSEE, FL 32308  
PHONE: (850) 422-1255 FAX: (850) 422-1866  
[www.mihirenvironics.com](http://www.mihirenvironics.com)

**PROJECT**

ASBESTOS SURVEY  
3043 Capital Circle Northwest  
Tallahassee, Florida 32303

**CLIENT**

Leon County Facilities Management  
1907 S. Monroe Street  
Tallahassee, Florida 32301

**SCALE : NOT TO SCALE**

**DRAWING NO.** 1 of 3

**PROJECT NO.** 026.017.000

**DRAWN BY** J.DeLoach

**APPROVED BY** A.Thakkar

**DATE** 02/10/2014

**DRAWING TITLE :**  
SUSPECT ASBESTOS CONTAINING MATERIAL SAMPLE COLLECTION LOCATIONS

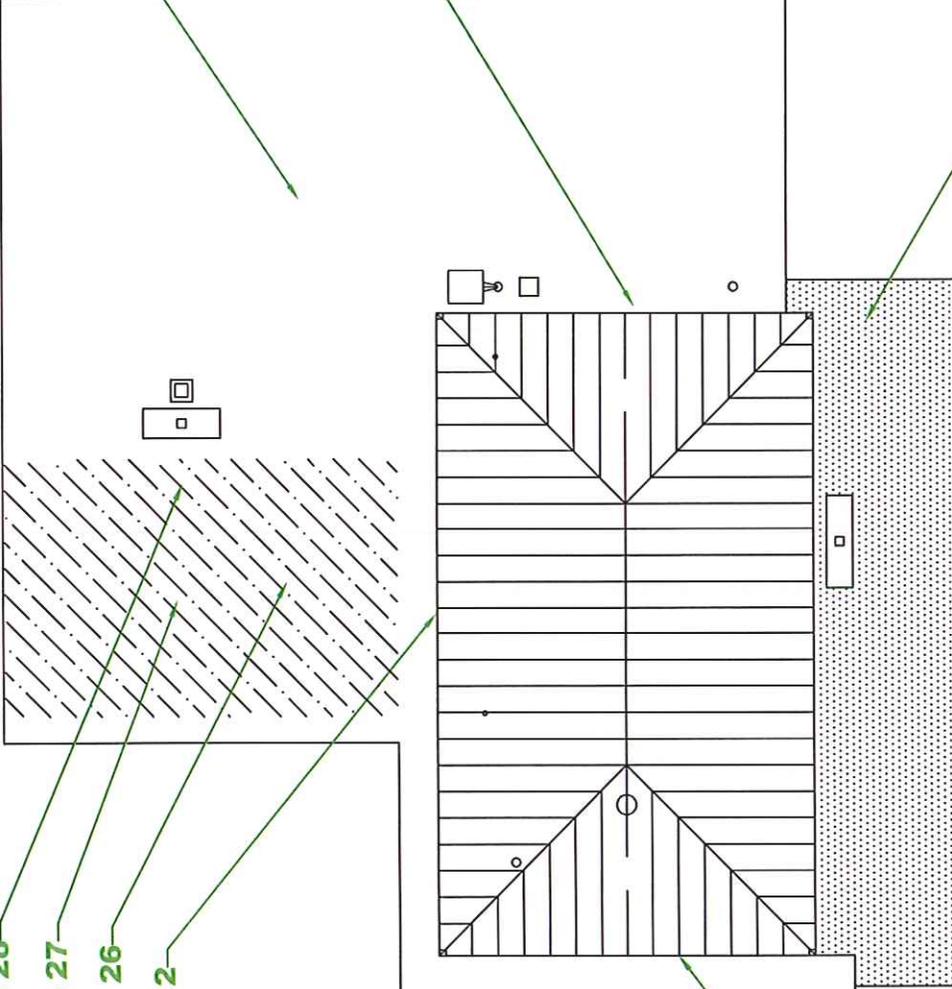
Sample 28  
 Sample 27  
 Sample 26  
 Sample 2

Sample 23

Sample 1

Sample 3

Sample 25



**ROOF**

**3043 Capital Circle Northwest  
 Tallahassee, Florida 32303**

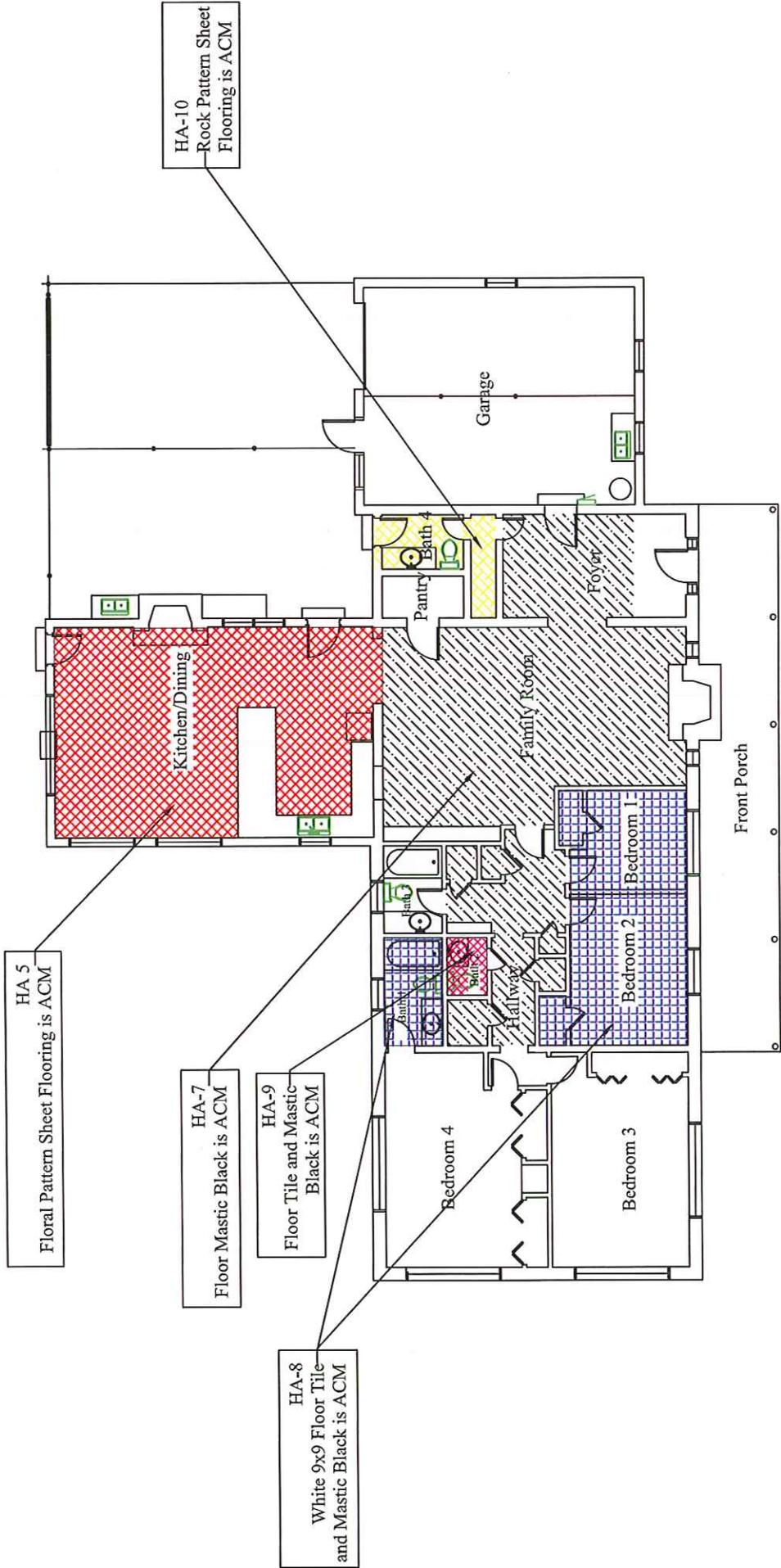
**Mihir Environmental Inc.**  
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 TALLAHASSEE, FL 32308  
 PHONE: (850) 422-1255 FAX: (850) 422-1866  
[www.mihirenvironmental.com](http://www.mihirenvironmental.com)

**PROJECT** ASBESTOS SURVEY  
 3043 Capital Circle Northwest  
 Tallahassee, Florida 32303

**CLIENT** Leon County Facilities Management  
 1907 S. Monroe Street  
 Tallahassee, Florida 32301

**DRAWING TITLE :**  
 SUSPECT ASBESTOS CONTAINING MATERIAL SAMPLE COLLECTION LOCATIONS

<b>SCALE : NOT TO SCALE</b>	
<b>DRAWING NO.</b>	2 of 3
<b>PROJECT NO.</b>	026.017.000
<b>DRAWN BY</b>	J.DeLoach
<b>APPROVED BY</b>	A.Thakkar
<b>DATE</b>	02/10/2014



**3043 Capital Circle Northwest  
Tallahassee, Florida 32303**

<p><b>PROJECT</b></p> <p>ASBESTOS SURVEY 3043 Capital Circle Northwest Tallahassee, Florida 32303</p>	<p><b>CLIENT</b></p> <p>Leon County Facilities Management 1907 S. Monroe Street Tallahassee, Florida 32301</p>	<p><b>SCALE : NOT TO SCALE</b></p>	
		<p><b>DRAWING NO.</b></p> <p>3 of 3</p>	<p><b>PROJECT NO.</b></p> <p>026.017.000</p>
<p><b>DRAWING TITLE :</b> ASBESTOS CONTAINING MATERIAL LOCATIONS</p>		<p><b>DRAWN BY</b></p> <p>J.DeLoach</p>	<p><b>APPROVED BY</b></p> <p>A.Thakkar</p>
<p>Mihir Environmental Health &amp; Safety Consultants 1535 KILLEARN CENTER BLVD, SUITE C-5 TALLAHASSEE, FL 32308 PHONE: (850) 422-1255 FAX: (850) 422-1866 <a href="http://www.mihirenvironmental.com">www.mihirenvironmental.com</a></p>		<p><b>DATE</b></p> <p>02/10/2014</p>	

# SCHNEIDER LABORATORIES GLOBAL

INCORPORATED

2512 W. Cary Street • Richmond, Virginia • 23220-5117  
804-353-6778 • 800-785-LABS (5227) • (FAX) 804-359-1475  
*Over 25 Years of Excellence in Service and Technology*

## LABORATORY ANALYSIS REPORT

Asbestos Identification by EPA Method<sup>1</sup> 600/R-93/116; EPA 600/M4-82-020

**ACCOUNT #:** 2536-14-3051  
**CUSTOMER:** Mihir Envirionics, Inc.  
**ADDRESS:** 3161 Eliza Road Unit #2  
Tallahassee, FL 32308

**DATE COLLECTED:** 2/11/2014  
**DATE RECEIVED:** 2/14/2014  
**DATE ANALYZED:** 2/14/2014  
**DATE REPORTED:** 2/17/2014

**PROJECT NAME:** Asbestos Survey  
**JOB LOCATION:** 3034 Capital Cir NW  
**PROJECT NO.:** 026.017.000  
**PO NO.:**

**SampleType:** BULK

Customer Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results	
			Asbestos Fibers	Other Materials
1	32143667	Roof		
Layer 1:	Roof Shingle Beige, Granular		None Detected	5% CELLULOSE FIBER 5% MINERAL/GLASS WOOL 90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.				
2	32143668	Roof		
Layer 1:	Roof Shingle Beige/Black, Granular/Bituminous		None Detected	5% CELLULOSE FIBER 5% MINERAL/GLASS WOOL 90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.				
3	32143669	Roof		
Layer 1:	Roof Shingle Beige/Black, Granular/Bituminous		None Detected	5% CELLULOSE FIBER 5% MINERAL/GLASS WOOL 90% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.				
4	32143670	Kitchen		
Layer 1:	Ceiling Tile White, Fibrous		None Detected	45% CELLULOSE FIBER 20% METAL FOIL 35% NON FIBROUS MATERIAL

### Total Number of Pages in Report: 6

Results relate only to samples as received by the laboratory.

Visit [www.slabin.com](http://www.slabin.com) for current certifications.

Accrediting bodies: AIHA-LAP, LLC 100527, NVLAP 101150-0, VELAP/NELAC 460135 - Call laboratory for current national and state certifications.

Method reporting limit is 1%. PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. This report must not be reproduced except in full with the approval of the laboratory.

Customer Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results	
			Asbestos Fibers	Other Materials
5	32143671	Bedroom 2		
Layer 1:	Plaster White, Granular		None Detected	100% NON FIBROUS MATERIAL
Layer 2:	Drywall White, Powdery		None Detected	4% CELLULOSE FIBER 96% NON FIBROUS MATERIAL
6	32143672	Bedroom 1		
Layer 1:	Plaster White, Granular		None Detected	100% NON FIBROUS MATERIAL
Layer 2:	Drywall White, Powdery		None Detected	4% CELLULOSE FIBER 96% NON FIBROUS MATERIAL
7	32143673	Hallway		
Layer 1:	Plaster White, Granular		None Detected	100% NON FIBROUS MATERIAL
Layer 2:	Drywall White, Powdery		None Detected	4% CELLULOSE FIBER 96% NON FIBROUS MATERIAL
8	32143674	Family Room		
Layer 1:	Drywall White, Powdery		None Detected	4% CELLULOSE FIBER 96% NON FIBROUS MATERIAL
Layer 2:	Joint Compound White, Granular		None Detected	100% NON FIBROUS MATERIAL
Layer 4:	Drywall/Joint Cmpd White, Powdery/Granular		None Detected	3% CELLULOSE FIBER 97% NON FIBROUS MATERIAL
9	32143675	Family Room		
Layer 1:	Drywall White, Powdery		None Detected	4% CELLULOSE FIBER 96% NON FIBROUS MATERIAL
Layer 2:	Joint Compound White, Granular		None Detected	100% NON FIBROUS MATERIAL

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Customer Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results	
			Asbestos Fibers	Other Materials
Layer 3:	Drywall/Joint Cmpd White, Powdery/Granular		None Detected	3% CELLULOSE FIBER 97% NON FIBROUS MATERIAL
10	32143676	Family Room		
Layer 1:	Drywall White, Powdery		None Detected	4% CELLULOSE FIBER 96% NON FIBROUS MATERIAL
Layer 2:	Joint Compound White, Granular		None Detected	100% NON FIBROUS MATERIAL
Layer 3:	Drywall/Joint Cmpd White, Powdery/Granular		None Detected	3% CELLULOSE FIBER 97% NON FIBROUS MATERIAL
11	32143677	Kitchen		
Layer 1:	Sheet Flooring Beige, Org.Bound/Fibrous <b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>		20% CHRYSOTILE	80% NON FIBROUS MATERIAL
12	32143678	Kitchen		
Layer 1:	Sheet Flooring Beige, Org.Bound/Fibrous <b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>		20% CHRYSOTILE	80% NON FIBROUS MATERIAL
13	32143679	Kitchen		
Layer 1:	Sheet Flooring Beige, Org.Bound/Fibrous <b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>		20% CHRYSOTILE	80% NON FIBROUS MATERIAL
14	32143680	Family Room		
Layer 1:	Sheet Flooring Blue, Org.Bound/Fibrous <b>Sample was inhomogenous, subsamples of each component were analyzed separately.</b>		None Detected	40% CELLULOSE FIBER 60% NON FIBROUS MATERIAL
15	32143681	Family Room		
Layer 1:	Mastic Black, Bituminous		10% CHRYSOTILE	90% NON FIBROUS MATERIAL

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Customer Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results	
			Asbestos Fibers	Other Materials
16	32143682	Family Room		
Layer 1:	Mastic Black, Bituminous		10% CHRYSOTILE	90% NON FIBROUS MATERIAL
17	32143683	Family Room		
Layer 1:	Mastic Black, Bituminous		10% CHRYSOTILE	90% NON FIBROUS MATERIAL
18	32143684	Bath 1		
Layer 1:	Floor Tile White, Organically Bound		2% CHRYSOTILE	98% NON FIBROUS MATERIAL
Layer 2:	Mastic Black, Bituminous		3% CHRYSOTILE	97% NON FIBROUS MATERIAL
19	32143685	Bedroom 2		
Layer 1:	Floor Tile White, Organically Bound		2% CHRYSOTILE	98% NON FIBROUS MATERIAL
Layer 2:	Mastic Black, Bituminous		3% CHRYSOTILE	97% NON FIBROUS MATERIAL
20	32143686	Bedroom 1		
Layer 1:	Floor Tile White, Organically Bound		2% CHRYSOTILE	98% NON FIBROUS MATERIAL
Layer 2:	Mastic Black, Bituminous		3% CHRYSOTILE	97% NON FIBROUS MATERIAL
21	32143687	Bath 2		
Layer 1:	Floor Tile White, Organically Bound		2% CHRYSOTILE	98% NON FIBROUS MATERIAL
Layer 2:	Mastic Black, Bituminous		None Detected	100% NON FIBROUS MATERIAL
Layer 3:	Floor Tile Tan, Organically Bound		None Detected	100% NON FIBROUS MATERIAL

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Customer Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results	
			Asbestos Fibers	Other Materials
22	32143688	Bath 4		
Layer 1:	Sheet Flooring White, Org.Bound/Fibrous Sample was inhomogenous, subsamples of each component were analyzed separately.		20% CHRYSOTILE	80% NON FIBROUS MATERIAL
23	32143689	Roof		
Layer 1:	Built-up Roofing Beige/Black, Granular/Bituminous/Fibrous		None Detected	5% CELLULOSE FIBER 5% MINERAL/GLASS WOOL 90% NON FIBROUS MATERIAL
24	32143690	Roof		
Layer 1:	Built-up Roofing Beige/Black, Granular/Bituminous/Fibrous		None Detected	5% CELLULOSE FIBER 5% MINERAL/GLASS WOOL 90% NON FIBROUS MATERIAL
Layer 2:	Spongy Material Yellow, Spongy		None Detected	100% NON FIBROUS MATERIAL
Layer 3:	Paper Gray, Fibrous		None Detected	65% CELLULOSE FIBER 35% NON FIBROUS MATERIAL
25	32143691	Roof		
Layer 1:	Built-up Roofing Black, Fibrous/Bituminous		None Detected	10% CELLULOSE FIBER 5% MINERAL/GLASS WOOL 85% NON FIBROUS MATERIAL
Layer 2:	Felt Black, Fibrous/Bituminous		None Detected	65% CELLULOSE FIBER 35% NON FIBROUS MATERIAL
Layer 3:	Fibrous Material Brown, Fibrous		None Detected	65% CELLULOSE FIBER 35% NON FIBROUS MATERIAL
26	32143692	Roof Patch		
Layer 1:	Built-up Roofing Black, Bituminous/Fibrous		None Detected	10% CELLULOSE FIBER 4% MINERAL/GLASS WOOL 86% NON FIBROUS MATERIAL
Layer 2:	Felt Black, Fibrous		None Detected	40% MINERAL/GLASS WOOL 60% NON FIBROUS MATERIAL

**Total Number of Pages in Report: 6**

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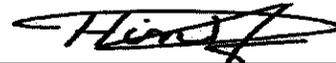
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Customer Sample No.	SLI Sample/ Layer ID	Sample Identification/ Layer Name	PLM Analysis Results	
			Asbestos Fibers	Other Materials
27	32143693	Roof Patch		
Layer 1:	Built-up Roofing Black, Fibrous/Bituminous		None Detected	10% CELLULOSE FIBER 4% MINERAL/GLASS WOOL 86% NON FIBROUS MATERIAL
Layer 2:	Felt Black, Fibrous/Bituminous		None Detected	40% MINERAL/GLASS WOOL 60% NON FIBROUS MATERIAL
28	32143694	Roof Patch		
Layer 1:	Built-up Roofing Black, Bituminous/Fibrous		None Detected	10% CELLULOSE FIBER 4% MINERAL/GLASS WOOL 86% NON FIBROUS MATERIAL
Layer 2:	Felt Black, Fibrous/Bituminous		None Detected	40% MINERAL/GLASS WOOL 60% NON FIBROUS MATERIAL



Analyst: **Ali Musa**



Reviewed By: **Hind Eldanaf, Microscopy Supervisor**

**Total Number of Pages in Report: 6**

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 804-353-5778 • 800-785-LABS (5227) • Fax 804-359-1475  
 www.slabinc.com e-mail: info@slabinc.com

Submitting Co. **Mimir Enironics Inc**  
 3161 Eiza Road Unit # 2  
 Tallahassee, FL 32308

2536  
 850-422-1255  
 850-422-1866

Special Instructions (include requests for special reporting or data packages)

Project Name: **Asbestos Survey**  
 Project Location: **3034 Capital Cir. NW**  
 Project Number: **026.017.000**  
 Purchase Order No.:

STATE WHERE SAMPLES WERE COLLECTED **FLORIDA**

ORGANICS TESTS and other Analyses:  
 NOTE: All samples for organics should be kept at 4°C from collection until testing. Schedule rush analysis in advance. Indicate preservatives added & media type. Indicate analysis method for organics tests.

Turn Around Time	Matrix / Sample Type (Select ONE)	Tests / Analyses (Select ALL that Apply)
<input type="checkbox"/> Same day* <input checked="" type="checkbox"/> 1 business day* <input type="checkbox"/> 2 business days* <input type="checkbox"/> 3 business days* <input type="checkbox"/> STANDARD (6 bus. days) <input type="checkbox"/> Standard Full TCLP (10d) <input type="checkbox"/> Weekend* <input type="checkbox"/> Not available for all tests <small>Schedule rush organics, multi-matrix &amp; weekend tests for advance</small>	<input type="checkbox"/> Air <input type="checkbox"/> Aqueous <input type="checkbox"/> Bulk <input type="checkbox"/> H-Vol Fiber (PM10) <input type="checkbox"/> H-Vol Fiber (TSP) <input type="checkbox"/> Oil <input type="checkbox"/> Packet <input type="checkbox"/> Sludge <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input type="checkbox"/> Wastewater <input type="checkbox"/> Water/Drinking <input type="checkbox"/> Compliance <input type="checkbox"/> Wipe, Composite	<input checked="" type="checkbox"/> Asbestos Bulk / Asb ID <input type="checkbox"/> PCM (NIOSH 7400) <input type="checkbox"/> TEM (AHERA) <input type="checkbox"/> TEM (EPA Level II) <input type="checkbox"/> Miscellaneous Tests <input type="checkbox"/> Total Dust (NIOSH 0500) <input type="checkbox"/> Resp. Dust (NIOSH 0500) <input type="checkbox"/> Silica - FTIR (NIOSH 7602) <input type="checkbox"/> Silica - XRD (NIOSH 7500)
		<input type="checkbox"/> Lead <input type="checkbox"/> RCRA Metals <input type="checkbox"/> Metals-Total Conc. <input type="checkbox"/> TCLP / Lead <input type="checkbox"/> TCLP / RCRA Metals <input type="checkbox"/> TCLP / Full (w/ organics) <input type="checkbox"/> Mineral-Extract

Sample #	Date Sampled	Sampled (e.g. Employee, SSN, Bldg, Material)	Sample Identification	Wipes		Information for Air Samples				Total <sup>1</sup> Air Vol	Organics # con-tainers
				Wiped Area (ft <sup>2</sup> )	Type A,B,P,E	Time <sup>2</sup> Start	Stop	Flow Rate <sup>3</sup> Start	Stop		
1to 28	2/11/14		As per separate sheet 28 Samples								

WorkOrder Key  
 V : \ 997 \ 997646

Sample Collection & Custody Information  
 Sampled by **NAME: Shailesh Thakkar** SIGNATURE: *Shailesh Thakkar* DATE/TIME: 02/12/2014  
 Relinquished to lab by **NAME: [Signature]** SIGNATURE: *[Signature]* DATE/TIME: 2-14-14

Received in lab by **NAME: [Signature]** SIGNATURE: *[Signature] DATE/TIME: 2-14-14  
 [ ] Ambient temp [ ] pH [ ] Cl [ ] CR [ ] JS  
 Chain-of-Custody documentation contained internally within lab.*

## Bulk Sample Chain of Custody

MEI Project No 026.017.000  
 Bldg\_Name 3034 Capital Circle NW  
 Bldg\_No Not Assigned

Sample No	HA No	HA (Material) Description	Location / Room	Friable
1	1	Roof Shingle	Roof	<input type="checkbox"/>
2	1	Roof Shingle	Roof	<input type="checkbox"/>
3	1	Roof Shingle	Roof	<input type="checkbox"/>
4	2	Ceiling tile 2x4	Kitchen	<input checked="" type="checkbox"/>
5	3	Plaster/Drywall	Bedroom 2	<input checked="" type="checkbox"/>
6	3	Plaster/Drywall	Bedroom 1	<input checked="" type="checkbox"/>
7	3	Plaster/Drywall	Hallway	<input checked="" type="checkbox"/>
8	4	Drywall Ceiling	Family room	<input checked="" type="checkbox"/>
9	4	Drywall Ceiling	Family room	<input checked="" type="checkbox"/>
10	4	Drywall Ceiling	Family room	<input checked="" type="checkbox"/>
11	5	Sheet flooring Folral pattern	Kitchen	<input type="checkbox"/>
12	5	Sheet flooring Folral pattern	Kitchen	<input type="checkbox"/>
13	5	Sheet flooring Folral pattern	Kitchen	<input type="checkbox"/>
14	6	Sheet flooring Blue Diamond	Family room	<input type="checkbox"/>
15	7	Mastic	Family room	<input type="checkbox"/>
16	7	Mastic	Family room	<input type="checkbox"/>
17	7	Mastic	Family room	<input type="checkbox"/>
18	8	Floor tile 9x9	Bath 1	<input type="checkbox"/>
19	8	Floor tile 9x9	Bedroom 2	<input type="checkbox"/>
20	8	Floor tile 9x9	Bedroom 1	<input type="checkbox"/>
21	9	Floor tile 12x12 (Multi layer)	Bath 2	<input type="checkbox"/>
22	10	Seet flooring (Rock pattern)	Bath 4	<input type="checkbox"/>
23	11	Built Up Roof	Roof	<input type="checkbox"/>
24	11	Built Up Roof	Roof	<input type="checkbox"/>

**UF TREEO Center**  
UNIVERSITY of FLORIDA  
Center for Training, Research and Education for Environmental Occupations

certifies

**Shailesh J. Thakkar**

MIHR Environics, Inc., 3161 Eliza Rd. Unit 2, Tallahassee, FL 32308  
Having passed a 25-question exam with a score of 70% or higher has successfully met training requirements for  
**Asbestos Refresher: Inspector**  
FDEPR Asbestos Refresher Exam: Provider #2008095, Course #1413004251 (1% Day, 3.40 Contact Hours)  
(Reaccreditation for Inspector under TSCA Title II/ASHERA)  
Conducted  
02/19/2013

Certificate #: 138300-2907  
Exam Date: 02/19/2013  
EPA accreditation expires: 02/19/2014  
Principal Instructor: Brian Duchene, PE  
CECs: 4  
TSP/LAC: 80000955; Course 80004731  
EPEP PDHs: 80004823; 80001378; Educational Institutions: 4.0

*Carol Horton*  
Carol Horton, Associate Director

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Center for Training, Research and Education for Environmental Occupations

certifies

**John G. DeLoach**

MIHR Environics, Inc., 3161 Eliza Rd. Unit 2, Tallahassee, FL 32308  
Having passed a 25-question exam with a score of 70% or higher has successfully met training requirements for  
**Asbestos Refresher: Inspector**  
FDEPR Asbestos Refresher Exam: Provider #2008095, Course #1413004251 (1% Day, 3.40 Contact Hours)  
(Reaccreditation for Inspector under TSCA Title II/ASHERA)  
Conducted  
09/10/2013

Certificate #: 148100-4229  
Exam Date: 09/10/2013  
EPA accreditation expires: 09/10/2014  
Principal Instructor: Brian Duchene, PE  
CECs: 4  
TSP/LAC: 80000955; Course 80004731  
EPEP PDHs: 80004823; Course 80000963; Educational Institutions: 4 PDHs

*Carol Horton*  
Carol Horton, Associate Director

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AC# **6423771** STATE OF FLORIDA  
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
ASBESTOS LICENSING UNIT SEQ# L12092903171

DATE	BATCH NUMBER	LICENSE NBR
09/29/2012	128073480	IA0000056

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

THAKKAR, AJAYKUMAR J  
3161 ELIZA ROAD  
UNIT 2  
TALLAHASSEE FL 32308

RICK SCOTT GOVERNOR KEN LAWSON SECRETARY

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AC# **5741857** STATE OF FLORIDA  
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
ASBESTOS LICENSING UNIT SEQ# L11091203716

DATE	BATCH NUMBER	LICENSE NBR
09/12/2011	118038611	ZA0000270

The ASBESTOS BUSINESS ORGANIZATION  
Named below IS LICENSED  
Under the provisions of Chapter 469 FS.  
Expiration date: NOV 30, 2013

MIHR ENVIRONICS, INC  
AJAYKUMAR J. THAKKAR  
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