



**ASBESTOS CONTAINING MATERIAL SURVEY REPORT  
OF  
MICHAELSON BUILDING**



**FUNDED BY: COPPER CORRIDOR BLIGHT BUSTERS  
USEPA BROWNFIELDS COALITION ASSESSMENT GRANT**

**157 SOUTH BROAD STREET  
GLOBE, GILA COUNTY, ARIZONA 85501  
APN: 208-03-084**

**ATLAS PROJECT NO. 1052000242, PHASE 9**

**REPORT DATE: February 20, 2024**

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# Project Responsibility

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This report has been prepared consistent with good customary industry practices for the evaluation of asbestos-containing materials (ACM) in structures scheduled for renovation and/or demolition. Atlas Technical Consultants LLC (Atlas) presents the data from this Asbestos Survey, based on the conditions observed during the site survey conducted from December 11 through December 15, 2023. Atlas makes no determinations and warrants no conclusions beyond those stated herein. Further, Atlas submits this report to Copper Corridor Blight Busters Coalition (CC BB Coalition) for the exclusive use of CC BB Coalition and the United States Environmental Protection Agency (USEPA) Region IX.

Atlas appreciates this opportunity to assist CC BB Coalition with this project. Thank you for allowing our firm to perform these consulting services. Your business is important to us and we sincerely appreciate your patronage. Please contact the undersigned if you have any questions or need additional information.

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## Executive Summary

The Copper Corridor Blight Busters Coalition (CC BB Coalition) authorized Atlas Technical Consultants LLC (Atlas) to conduct an Asbestos Survey, collectively referred to as “the Survey,” of the Michaelson Building; hereinafter, referred to as the Site. The assessment was funded by the United States Environmental Protection Agency (USEPA) Grant awarded to the CCBB Coalition. The purpose of the Survey was to determine the asbestos content of suspect asbestos-containing materials (ACMs) that may be impacted by future renovations, additions, or demolitions of the structures at the Site.

Mr. Chad Wells, Mr. Michael Donnelly, Mr. John Manley, and Mr. Derron Wright, Atlas Asbestos Hazard Emergency Response Act (AHERA) accredited building inspectors, conducted this survey from December 11 to December 15, 2023. A summary of the identified ACM at the Site during Atlas’ Survey are noted in Table E-1.

**Table E-1: Identified ACM – Michaelson Building**

Summary of Identified ACM Michaelson Building 157 South Broad Street Globe, Arizona 85501 Survey Dates: December 11-15 2023							
Sample No.	Homogenous Material	Material Location	Asbestos Content	Friable	Condition	Quantity	NESHAP Category
M4-A M4-B M4-C	Mirror Mastic – Black	Bathrooms 201 & 207	Black Mastic: 20-30% Chrysotile	No	Good	3 SF	CAT II
M5-A M5-B M5-C	Door Frame Sealant – White	Entry Doors and Window on Front Façade	Gray Sealant: 5-10% Chrysotile	No	Good	6 SF	CAT II
% = Percent; SF = Square Feet; “ = inch; CAT I = Category I Non-Friable ACM; CAT II = Category II Non-Friable ACM; RACM = Regulated Asbestos Containing Material. 2. Category I or Category II materials subject to known mechanical removal must be considered RACM.							

The results of this Survey indicate that ACM is present within the Michaelson Building and must be removed/abated prior to renovation and/or demolition.

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# 1 Project Information

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The Copper Corridor Blight Busters Coalition (CC BB Brownfields Coalition) authorized Atlas Technical Consultants LLC (Atlas) to conduct an asbestos survey at the Michaelson Building located at 157 South Broad Street in Globe, Gila County, Arizona; hereinafter, referred to as the Site. The purpose of the Survey was to determine the asbestos content of suspect asbestos-containing materials (ACMs) that may be impacted by future renovation and/or demolition of the structures at the Site.

This Survey was conducted in general accordance with CC BB Coalition Sampling and Analysis Plan, dated April 30, 2022, and approved by the United States Environmental Protection Agency (USEPA) in September 2022. The Survey was conducted in compliance with all applicable Federal, State and local regulations including regulations promulgated under the USEPA AHERA, the National Emissions Standard for Hazardous Air Pollutants (NESHAP) and the OSHA Construction Industry Standard as defined in 29 Code of Federal Regulations (CFR) 1926.1101.

Mr. Chad Wells, Mr. Michael Donnelly, Mr. John Manley, and Mr. Derron Wright, Atlas USEPA Asbestos Hazard Emergency Response Act (AHERA) accredited building inspectors, conducted this survey from December 11 to December 15, 2023. Copies of their certifications are included in [Appendix A](#).

## 1.1 Site Description

The Site is located at 157 South Broad Street, Globe, Gila County, Arizona 85501. The Site is developed with one building, the Michaelson Building. The Michaelson Building, located in the center of the property, is 7,980 square feet consisting of a two-story former office building; it was constructed prior to 1943. The surrounding area primarily consists of residential and commercial uses. The Site Plan with floor plan layouts are included in [Appendix B](#).

## 1.2 Asbestos Hazard Background

Asbestos is a hazardous substance. Its condition, handling and disposal are regulated by Federal, State, and local agencies. ACMs generally do not pose a health threat unless the asbestos fibers are disturbed, become airborne and are inhaled. Contractors working in an area where asbestos is present must be informed of the type and location of ACMs. Abatement of ACMs, including non-friable ACMs, must be performed by a licensed, certified and registered asbestos abatement contractor in accordance with State and Federal Occupational Safety and Health Administration (OSHA) and local air quality management regulations.

## 2 Asbestos Survey

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### 2.1 Asbestos Sampling Methodology

The location of suspect material samples collected for laboratory analysis of asbestos content are shown on the sample location maps included in [Appendix B](#). These plans show the location of floor and wall samples, ceiling samples, and samples of miscellaneous material. Roofing samples were not collected during this survey because the roof was recently replaced and it was inaccessible. [Appendix B](#) also contains ACM location maps based on the results of this Survey.

#### 2.1.1 Homogeneous Areas

Prior to collecting any samples, homogeneous areas (HAs) were identified and listed to develop a sampling strategy. An HA can be described as one or more areas of material that are similar in appearance and texture and that have the same installation date and function. The actual number of samples collected from each HA may vary, based on the type of material and the professional judgment of the inspector.

#### 2.1.2 Condition Assessment Factors

From the list of suspect homogeneous materials, a condition assessment was performed for each material on the list. A condition assessment includes evaluating the condition and determining the friability of each material. By definition, "friable" materials are those that can be crumbled or reduced to powder by hand pressure when dry. Each material on the list was further classified into one of three categories, which have specific sampling requirements for each category.

Surfacing Materials:	Refers to spray-applied or troweled surfaces such as plaster ceilings and walls, fireproofing, textured paints, textured plasters, and spray-applied acoustical surfaces.
Thermal System Insulation:	Refers to insulation used to inhibit heat gain or loss on pipes, boilers, tanks, ducts, and various other building components.
Miscellaneous Materials:	Refers to friable and non-friable products and materials that do not fit in any of the above two categories such as resilient floor covering, baseboards, mastics, adhesives, roofing material, caulking, glazing, and siding. This category also contains wallboard and ceiling tile.

All confirmed ACMs were then assessed by their condition as good, fair, or poor (damaged). Material with localized significant damage was also assessed as poor when observed.

#### 2.1.3 Sampling Strategy

The survey was conducted in general accordance with the AHERA requirements using a minimum number of samples collected from each HA, which also meets the sampling requirement found in 29 CFR 1926.1101. Sampling strategy was executed with primary emphasis on the "3-5-7 rule." Sample collection depends on the category that the HA falls into and the amount of material present, as shown in the table below.

**Table 2-1 Asbestos Sampling Strategy**

AHERA GUIDELINES FOR DETERMINING THE NUMBER OF SAMPLES TO BE COLLECTED		
HA CATEGORY	HA SIZE	SAMPLES REQUIRED
Surfacing Materials	<1,000 SF	3
	1,000 - 5,000 SF	5
	>5,000 SF	7 or more
Thermal System Insulation	No Stipulation	3+ (Must also sample all repair patches)
Miscellaneous Materials	No Stipulation	Per AHERA, these materials must be sampled "in a manner sufficient to determine whether or not they contain asbestos" typically 1 - 3 samples based upon inspector judgment.

SF= square feet

Once the HAs were identified for each similar material, the required quantity of bulk samples of each suspect ACM were collected for subsequent analysis. Bulk samples were collected by spraying the suspect material with water, where appropriate, removing a small portion of the material and placing it into a laboratory-provided or generic zip-lock plastic bag. Sample containers were marked with a unique identification number, which is also noted in the field notes. Materials visually determined to be non-asbestos (i.e., unpainted metal, glass, wood, etc.) by the accredited inspector were not sampled. Samples were handled according to accepted procedures for the collection, packaging, chain-of-custody documentation and transport of bulk samples to the laboratory for analysis.

Miscellaneous materials require adequately representative sampling, which is typically done by collecting from one to three samples per material. Inspectors typically rely on other survey observations such as the condition, friability, and quantity of material to determine what would be a sufficient amount of samples to accurately evaluate the presence or absence of asbestos content.

Atlas collected a total of 114 bulk samples at the Site that were analyzed by the analytical laboratory as 294 layers based on the number of distinct layers (materials) associated with each bulk sample. For example, floor tile and associated mastic are collected as one bulk sample, but are analyzed as two distinct materials by the asbestos laboratory as required by National Voluntary Laboratory Accreditation Program (NVLAP) guidelines. This included 114 bulk samples, 294 layers, from the Michaelson Building.

Samples were submitted to Fiberquant Analytical Services (Fiberquant) in Phoenix, Arizona. Fiberquant is a National Voluntary Laboratory Accreditation program (NVLAP)-accredited laboratory for asbestos analysis. Fiberquant’s NVLAP code is 101031-0. A copy of the accreditation for Fiberquant is included in [Appendix A](#).

The samples were submitted to Fiberquant for analysis using Polarized Light Microscopy (PLM) in accordance with the USEPA *“Method for the Determination of Asbestos in Bulk Building Materials” (USEPA/600/R93/116, July 1993)*.

Any material that was determined to contain less than one percent (<1%) asbestos by PLM is not considered to contain asbestos. Conversely, materials that tested greater than one percent (>1%) asbestos are ACM and must be handled according to OSHA, USEPA, and applicable state NESHAP and local regulations.

Friable materials often require additional analyses to determine asbestos content. If friable materials are determined, via PLM analytical method, to be “non-detectable (ND) for asbestos fibers,” no further

verification of the sample results are needed. If friable materials are determined, via PLM analytical method, to contain “Trace” or less than 10% asbestos, the material may require further verification of the amount by Point Counting Methods. The Point Count method has a greater precision range than the standard PLM method. By subjecting the material exhibiting trace amounts of asbestos fiber to further Point Count analyses, a refinement of the asbestos content may be achieved and potentially the elimination of a material from ACM status may result. Materials analysed by PLM as less than 1% were sent for 400 point count analysis to determine if they needed to be classified as ACM.

For non-friable materials, when the amount of asbestos in the sample material is reported at greater than 1% by PLM analysis, no further verification of the sample results by alternative methods of identification such as Transmission Electron Microscopy (TEM) Chatfield method is recommended.

For non-friable materials, when the amount of asbestos in the sample material is reported as “None-Detected” or less than 1% by PLM analysis, due to the difficulty in analyzing non-friable or resinously bound materials, Atlas recommends that these types of materials, which were reported as non-ACMs by PLM, be analyzed using TEM Chatfield method. Three HAs, all non-organically bound (NOB) materials, were sent to Fiberquant for further analysis using TEM Chatfield method: 12” by 12” beige vinyl floor tile with mottling, gray terrazzo design vinyl sheet flooring, and dark gray terrazzo design vinyl sheet flooring.

Materials determined by laboratory analyses to contain asbestos were properly classified as either Regulated Asbestos Containing Materials (RACM), Non-Friable Category I (CAT I) or Non-Friable Category II (CAT II), per USEPA NESHAP regulations, Title 40 CFR Part 61, Subpart M, Asbestos.

## 2.2 Results of Asbestos Survey

Results of laboratory analysis of samples are included in [Appendix C](#). Asbestos Sample Location Maps and ACM Location Maps are included in [Appendix B](#). Atlas has presented the appropriate NESHAP categories for identified ACM in the following tables to assist with the planning of future renovation and/or demolition activities. The NESHAP category was not determined for non-ACM building materials.

A total of 114 representative bulk samples of suspect ACMs were collected from 38 identified HAs at the Site. Subsequent laboratory analyses determined that 36 of the HAs were not considered ACM. Laboratory analyses confirmed two HAs were identified as ACM. Atlas has denoted the applicable NESHAP categories of CAT I, CAT II or RACM for the identified ACM. The ACM sampling results for the Michaelson Building are presented in Table 2-2 below.

**Table 2-2 Asbestos Sampling Results – Michaelson Building**

Summary of Identified ACM Michaelson Building 157 South Broad Street Globe, Arizona 85501 Survey Dates: December 11-15, 2023							
Sample No.	Homogenous Material	Location/ Functional Space	Asbestos Content	Friable	Condition	Approx. Quantity	NESHAP Category
<b>Flooring Materials</b>							
F1-A F1-B F1-C	Vinyl Floor Tile & Mastic – 12” x 12”, Beige, Mottling	Rooms 100, 101, 102, & 103, Room 200 Stairwell, & Room 204 Stairwell	Black Sheet Flooring: ND Sheet Flooring (TEM): <0.01% Black Foam: ND Tan Mastic: ND Tan Leveling Compound: ND Gray Mastic: ND	No	Good	NA	NA



Summary of Identified ACM Michaelson Building 157 South Broad Street Globe, Arizona 85501 Survey Dates: December 11-15, 2023							
Sample No.	Homogenous Material	Location/ Functional Space	Asbestos Content	Friable	Condition	Approx. Quantity	NESHAP Category
F2-A F2-B F2-C	Vinyl Sheet Flooring - Gray Terrazzo Design	Rooms 102 & 103	Tan Sheet Flooring Surface: ND Tan Sheet Flooring Backing: ND Sheet Flooring (TEM): <0.01% Tan Mastic: ND	No	Good	NA	NA
F3-A F3-B F3-C	Residual Floor Mastic - Yellow	Rooms 109, 113, 114, 116, & 117, West Side of Room 108, & Portions of Rooms 101 & 115	Tan Mastic: ND	No	Good	NA	NA
F4-A* F4-B F4-C	Carpet & Mastic - Dark Gray, Fibrous	Rooms 104, 105, 106, & 107, East Side of Room 114, Portion of Room 115, Closets in Rooms 205 & 208, & Under Cabinet in Second Floor Kitchen	Off-White Mastic: ND Off-White Foam: ND Gray Foam: ND	No	Good	NA	NA
F5-A F5-B F5-C	Vinyl Sheet Flooring - Dark Gray Terrazzo Design	Rooms 110 & 112	Black Sheet Flooring Surface: ND Tan Sheet Flooring Backing: ND Sheet Flooring (TEM): <0.01% Tan Mastic: ND	No	Good	NA	NA
F6-A F6-B F6-C	Floor Coating - Gray	Room 200 Stairwell & Room 204 Stairwell	Gray Paint: ND Gray Concrete: ND	No	Good	NA	NA
F7-A F7-B F7-C	Ceramic Tile & Grout - 18" x 18", Brown & Gray, Marble-like Design Room	Rooms 200, 201, 202, 204A, 204B, & Bathroom 207	Tan Ceramic: ND Brown Grout: ND Gray Mortar: ND	No	Good	NA	NA
F8-A F8-B F8-C	Residual Vinyl Sheet Flooring Backing with Mastic	Rooms 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, & 218, & East Side of Room 200	Gray Leveling Compound: ND Tan Mastic: ND Gray Concrete: ND Off-White Miscellaneous: ND	No	Good	NA	NA
F9-A F9-B F9-C	Concrete - Gray	Foundation Throughout First & Second Floors	Gray Concrete: ND	No	Good	NA	NA
Wall Systems							
W1-A W1-B W1-C	Plaster Walls - Orange Peel Textured Finish	Rooms 100, 101, 102, 103, 116, & 117	Off-White Paint: ND White Texture / Joint Compound: ND Various Colored Paint: ND Orange Paint: ND Brown Plaster: ND Tan Paper / Cardboard: ND White Drywall Core: ND	No	Good	NA	NA
W2-A W2-B W2-C	Textured Drywall - Orange Peel Textured Finish	Rooms 101, 102, 103, 104, 105, 106, 107, 108, 109, 112, 115, 116, & 117	Off-White Paint: ND White Texture / Joint Compound: ND Tan Paper / Cardboard: ND White Drywall Core: ND Tan Drywall Core: ND	No	Good	NA	NA
W3-A W3-B W3-C	Textured Drywall - Skip Trowel Textured Finish	Room 110	Off-White Paint: ND White Texture / Joint Compound: ND Tan Paper / Cardboard: ND White Drywall Core: ND Tan Drywall Core: ND	No	Good	NA	NA

Summary of Identified ACM Michaelson Building 157 South Broad Street Globe, Arizona 85501 Survey Dates: December 11-15, 2023							
Sample No.	Homogenous Material	Location/ Functional Space	Asbestos Content	Friable	Condition	Approx. Quantity	NESHAP Category
W4-A W4-B W4-C	Concrete - Gray	Storage Utility Room 111	Off-White Paint: ND Gray Concrete: ND White Texture / Joint Compound: <= 1% Chrysotile	No	Good	NA	NA
W5-A W5-B W5-C	Wall Texture - Orange Peel Textured	South Side of Room 112	Off-White Paint: ND White Texture / Joint Compound: ND Tan Paper / Cardboard: ND White Drywall Core: ND	No	Good	NA	NA
W6-A W6-B W6-C	Plaster Walls - Sandy Textured Finish	Room 200 Stairwell Walls	Off-White Paint: ND White Plaster Top Coat: ND Gray Plaster Scratch Coat: ND Gray Plaster: ND	No	Good	NA	NA
W7-A W7-B W7-C	Plaster Walls - Eggshell Textured Finish	Second Floor Perimeter Walls	Tan Paper / Cardboard: ND White Drywall Core: ND	No	Good	NA	NA
W8-A W8-B W8-C	Textured Drywall - Light Orange Peel Textured Finish	Second Floor Interior Walls Throughout	Off-White Paint: ND White Texture / Joint Compound: ND Tan Paper / Cardboard: ND White Drywall Core: ND Green Paint: ND Off-White Paper / Cardboard: ND	No	Good	NA	NA
W9-A W9-B W9-C	Cove Base & Mastic - 4", Gray	Room 200 Entrance, North Corner of Kitchen Room 202, & Room 204 Stairwell Entrance	Gray Base Cove: ND Tan Mastic: ND	No	Good	NA	NA
W10-A W10-B W10-C	Cove Base & Mastic - 4", Beige	Rooms 110, 111, & 112, & Residual Cove Base Mastic Remains Scattered Throughout Second Floor	Brown Base Cove: ND Off-White Mastic: ND	No	Good	NA	NA
W11-A W11-B W11-C	Vinyl Covered Plaster - Beige Striped Pattern	Lobby Room 100, Kitchen Room 202, Bathroom 201, Rooms 204A & 204B, & Second Floor Back Hallway	Off-White Wall Covering: ND Various Colored Paint: ND Off-White Plaster: ND Tan Paper / Cardboard: ND White Drywall Core: ND	No	Fair	NA	NA
W12-A W12-B W12-C	Cove Base & Mastic - 8", Light Gray	Lobby Room 100, & Bathrooms 102 & 103	Gray Base Cove: ND Off-White Mastic: ND Tan Mastic: ND	No	Good	NA	NA
Ceiling Materials							
C1-A C1-B C1-C	Plaster Ceiling - Smooth Textured Finish	Entrance of Lobby Room 100	White Paint: ND White Texture / Joint Compound: ND Tan Paint: ND Off-White Texture / Joint Compound: ND Various Colored Paint: ND Brown Plaster: ND	No	Good	NA	NA

Summary of Identified ACM Michaelson Building 157 South Broad Street Globe, Arizona 85501 Survey Dates: December 11-15, 2023							
Sample No.	Homogenous Material	Location/ Functional Space	Asbestos Content	Friable	Condition	Approx. Quantity	NESHAP Category
C2-A C2-B C2-C	Plaster Ceiling Textured - Heavy Sandy Textured	Room 110 & Computer Room	Off-White Paint: ND White Plaster Top Coat: ND Tan Plaster Scratch Coat: ND White Texture / Joint Compound: ND Various Colored Paint: ND	No	Good	NA	NA
C3-A C3-B C3-C	Plaster Ceiling - Sandy Textured Finish	Storage Room 206	Off-White Paint: ND White Plaster Top Coat: ND Tan Plaster Scratch Coat: ND	No	Fair	NA	NA
C4-A C4-B C4-C	Textured Drywall - Light Orange Peel Textured Finish	Second Floor Storage & Bathroom 207	Off-White Paint: ND White Texture / Joint Compound: ND Off-White Paper / Cardboard: ND Tan Paper / Cardboard: ND White Drywall Core: ND	No	Good	NA	NA
C5-A C5-B C5-C	Acoustical Ceiling Panels - 2' x 4', Pinholes & Fissures	Second Floor Stairwell Entrances	Off-White Paint: ND Off-White Acoustical Tile: ND	Yes	Good	NA	NA
Miscellaneous Materials							
M1-A M1-B M1-C	Door Frame Sealant - Silicone-like	Lobby Room 100 - Main Entrance	Gray Sealant: ND	No	Good	NA	NA
M2-A M2-B M2-C	Acoustical Sink Coating - Black	Break Area 112	Clear Coating: ND Black Membrane: ND	No	Good	NA	NA
M3-A M3-B M3-C	Caulking Compound - White	Mop Sink in Janitor's Closet Room 110, & Counters in Bathrooms	Off-White Caulk: ND	No	Good	NA	NA
<b>M4-A M4-B M4-C</b>	<b>Mirror Mastic - Black</b>	<b>Bathrooms 201 &amp; 207</b>	<b>Black Mastic: 20-30% Chrysotile</b>	<b>No</b>	<b>Good</b>	<b>3 SF</b>	<b>CAT II</b>
<b>M5-A M5-B M5-C</b>	<b>Door Frame Sealant - White</b>	<b>Door/Window Front Façade</b>	<b>Gray Sealant: 5-10% Chrysotile</b>	<b>No</b>	<b>Good</b>	<b>6 SF</b>	<b>CAT II</b>
M6-A M6-B M6-C	Carpet & Mastic - Black with Yellow Mastic	Exterior - Front Main Entrance Door Mat	Various Colored Carpet: ND Tan Mastic: ND	No	Good	NA	NA
M7-A M7-B M7-C	Stucco - Heavy Rock-like Aggregate	Exterior - Front Façade	Gray Stucco: ND	No	Good	NA	NA
M8-A M8-B M8-C	Stucco - Sandy Textured (Concrete Included)	Exterior Perimeter Walls - Over HA-M9	Tan Paint: ND Gray Stucco: ND	No	Good	NA	NA
M9-A M9-B M9-C	Concrete - Gray	Exterior Perimeter Walls	Gray Concrete: ND	No	Good	NA	NA
M10-A M10-B M10-C	Duct Sealant - White, Brittle	Exterior Duct Work - East Side of Building	Clear Mastic: ND Silver Metal: ND Off-White Sealant: ND	No	Good	NA	NA
M11-A M11-B M11-C	Window Frame Sealant - White	Exterior - Perimeter Windows	White Sealant: ND	No	Good	NA	NA
M12-A M12-B M12-C	Window Glazing Compound - White, Brittle	Exterior - South & East Lower Windows	Off-White Putty: ND	No	Good	NA	NA

Summary of Identified ACM Michaelson Building 157 South Broad Street Globe, Arizona 85501 Survey Dates: December 11-15, 2023							
Sample No.	Homogenous Material	Location/ Functional Space	Asbestos Content	Friable	Condition	Approx. Quantity	NESHAP Category
<i>*Sample F4-A was mislabeled (was similar to W6 with materials ND); however, samples F4-B and C are sufficient for this homogenous area.</i>							
<i>TEM = Transmission Electron Microscopy; ND = Non Detect; NA = Not Applicable; SF = Square Feet; '= foot; " = inch; % = Percent; CAT I = Category I Non-Friable ACM; CAT II = Category II Non-Friable ACM; RACM = Regulated Asbestos Containing Material. Category I or Category II materials subject to known mechanical removal must be considered RACM. Friability, Condition, quantity, and NESHAP categories provided for ACMs only. <b>Bold</b> indicates ACM. Bulk sample colors observed in the field may not reflect colors identified within the lab report.</i>							

Note: No roofing samples were taken; the roof was recently replaced and was inaccessible.

### 2.3 Sampling Limitations and Exclusions

Atlas did not conduct a destructive investigation (cutting selective access holes in walls, ceilings, pipe chases, mechanical equipment, etc.) to assess concealed materials that were not readily apparent. Atlas did not conduct fully destructive investigation on floors to identify multi-layered tile/underlayment systems/concealed paper, vapor barriers, floor tiles/mastics under wood floor systems even though we attempted to classify multiple layers when noted. Atlas did not conduct destructive investigation of doors in the building to determine if the doors were insulated for fire-rating purposes.

Additional ACM may be present at the Site in inaccessible or concealed spaces. These spaces include, but are not limited to, pipe chases, spaces between wall/ceiling/door/floor cavities, interior of mechanical components such as boiler cavities, interior ducts, beneath foundation pads, etc. If the building is being demolished, Atlas recommends that all unidentified materials should be treated as assumed ACM, until analytical tests prove otherwise.

Under separate cover, Atlas will provide an Analysis of Brownfields Cleanup Alternatives (ABCA) Report for the identified ACMs at the Site.

Prior to any disturbance of any materials (i.e. roofing materials, etc.) not mentioned in this report, Atlas recommends sampling them to test for the presence of asbestos or assuming that they are ACM.

A lead-based paint survey was conducted at the Site as part of this scope of work. Information regarding the lead-based paint survey results will be presented in a separate report.

### 2.4 Asbestos Regulatory Standards

OSHA and USEPA regulate airborne levels of asbestos fibers. These governmental agencies have promulgated standards for permissible airborne concentrations of asbestos fibers and specific requirements for repair and abatement. The laws are designed to protect the worker (OSHA) and the general environment (USEPA). In addition, each state may have adopted its own requirements, which may be more stringent than those called for by OSHA or the USEPA.

OSHA established an asbestos general industry standard in 1971, primarily directed toward industrial applications, as found in 29 CFR 1910.1001. In response to the growing asbestos abatement industry and the additional concern regarding asbestos exposure, a standard for the construction industry (29 CFR 1926.58) became effective on July 21, 1986. These standards specifically outline asbestos removal procedures, respirator selection and fit testing, air sampling, the analysis of asbestos air samples, and

employee protection from exposure to airborne asbestos fibers. The standards include a time-weighted average (TWA) permissible exposure limit (PEL) of 0.2 fibers per cubic centimeter of air (f/cc), and a short-term excursion limit of 1.0 f/cc. Concentrations above these levels require specific employer-initiated activities such as instituting a respiratory protection program and medical surveillance for exposed employees.

OSHA changed these standards in October of 1994 to include the reduction of the PEL for an 8-hour TWA to 0.1 f/cc in its revised construction industry standard of 29 CFR 1926.1101 and the revised general industry standard 29 CFR 1910.1001. These revisions specify that building owners are now required to communicate to employees, subcontractors, and tenants the location and quantity of ACM identified in this survey.

The USEPA has established regulations regarding renovation and demolition projects. These regulations are known as the Asbestos NESHAP regulations found in Title 40, CFR, Part 61, Subpart M. The USEPA Asbestos NESHAP regulations require a thorough inspection for the presence of asbestos prior to any demolition and/or renovation activity. If any asbestos is identified over the established threshold amounts, the USEPA requires a renovation notification to the proper regulatory jurisdiction, proper handling and disposal of any friable ACM or RACM, and the deposit of the asbestos-containing waste material (ACWM) at an approved landfill. In addition, if any structural or load-bearing demolition (total or partial demolition of the building) will occur during the course of the project, a demolition notification must be submitted to the proper regulatory jurisdiction and the friable ACM or RACM must be removed prior to the demolition activity.

Because the Site is located in Gila County, it falls within the ADEQ NESHAP program jurisdiction. According to the ADEQ asbestos NESHAP program, for all demolitions (even when no asbestos is present) and renovation activities involving threshold amounts of RACM, provide the Asbestos NESHAP agency overseeing the project site with a NESHAP notification at least 10 working days prior to the demolition or renovation activity. Threshold amounts of RACM are:

- 260 linear feet or more on pipes
- 160 square feet or more on other facility components
- 35 cubic feet or more off facility components

There are no permitting fees involved with the State of Arizona program for jurisdictional counties.

## **2.5 Asbestos Recommendations and Conclusions**

Atlas recommends that if the identified ACM will be managed in place that an Asbestos Operations and Maintenance Plan be prepared and maintained at the property and by the property owner.

Atlas recommends that identified ACM be removed by a qualified asbestos abatement contractor prior to the renovation and/or demolition of the Site building.

Atlas recommends an Asbestos Abatement Specification be prepared for use in obtaining bids for the asbestos abatement and subsequent demolition of the building.

Contractors and employees working in this building should be made aware of the possibility that concealed ACMs may be found during demolition. They should be advised not to disturb known or suspect ACMs without owner approval.

At the present time, if any renovation or demolition activities are planned and additional suspect ACM is encountered in inaccessible or concealed areas, these materials should be assumed to be ACMs and treated as such until properly sampled by a qualified individual.

The USEPA has not prohibited the manufacture and import of miscellaneous materials containing asbestos, such as vinyl floorings, mastics, roofing materials, etc. As a result, any future replacement materials should be checked for the presence of asbestos prior to installation.

## **2.6 Asbestos Assumptions and Limitations**

The results, findings, conclusions, and recommendations expressed in the report are based only on conditions that were noted during Atlas' survey of the Site. This survey was conducted from December 11 through December 15, 2023.

The selection of sample locations and frequency of sampling was based on Atlas' observations and the assumption that like materials in the same area were homogeneous in content. Destructive investigation was not conducted at the Site. Concealed ACMs may exist in areas not accessible during the inspection. Reasonable efforts have been made by Atlas personnel to locate and sample all suspect ACM. However, the existence of unique or concealed ACM and debris is a possibility. If any additional suspect ACM, not listed in the Survey, will be impacted during future demolition and/or renovation activities, Atlas recommends additional sampling of any suspect ACM.

The report is designed to aid the client in understanding the extent of ACM issues as they pertain to the planned renovation and/or demolition of the building. Atlas does not warrant, guarantee or profess to have the ability to locate or identify all ACM in a facility. The intent of this report is to be used in planning for the specific renovation/demolition project only, and is based on the scope of work provided to Atlas by the CC BB Brownfields Coalition. Should the scope of the project change, Atlas recommends that an additional investigation, including but not limited to, a review of the revised scope of work be performed to determine if ACM or suspect ACM will be impacted.

## *Appendix A*

### *Certifications: Atlas Staff and Analytical Laboratories*

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# THE ASBESTOS INSTITUTE

*Certifies that*

## Chad Wells

has attended and received instruction in the EPA approved course

### AHERA Building Inspector Refresher

on

### June 29, 2023

and successfully completed and passed the competency exam.

Certificate:  
ON-4644-12331-062923

Date of Examination:  
29-Jun-2023

Date of Expiration:  
29-Jun-2024



William T. Cavness  
Director



Approved Instructor

**THE ASBESTOS INSTITUTE**

20033 N. 19<sup>th</sup> Ave, Building 6, Phoenix, AZ 85027

602-864-6564 – [www.theasbestosinstitute.com](http://www.theasbestosinstitute.com)

*The person receiving this certificate has completed the requisite training for asbestos accreditation under TSCA Title II.*



---

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# THE ASBESTOS INSTITUTE

*Certifies that*

## Mike Donnelly

has attended and received instruction in the EPA approved course  
**AHERA Building Inspector Initial**

on

### December 4-6 2023

and successfully completed and passed the competency exam.

Certificate:  
4380-17071-120623

Date of Examination:  
06-Dec-2023

Date of Expiration:  
06-Dec-2024



William T. Cavness  
Director



Approved Instructor

THE ASBESTOS INSTITUTE

20033 N. 19<sup>th</sup> Ave, Building 6, Phoenix, AZ 85027  
602-864-6564 – [www.theasbestosinstitute.com](http://www.theasbestosinstitute.com)

*The person receiving this certificate has completed the requisite training for asbestos accreditation under TSCA Title II.*

# THE ASBESTOS INSTITUTE

*Certifies that*

## John Manley

has attended and received instruction in the EPA approved course

### AHERA Building Inspector Initial

on

### December 4-6 2023

and successfully completed and passed the competency exam.

Certificate:  
4380-17070-120623

Date of Examination:  
06-Dec-2023

Date of Expiration:  
06-Dec-2024



William T. Cavness  
Director



Approved Instructor

THE ASBESTOS INSTITUTE

20033 N. 19<sup>th</sup> Ave, Building 6, Phoenix, AZ 85027  
602-864-6564 – [www.theasbestosinstitute.com](http://www.theasbestosinstitute.com)

*The person receiving this certificate has completed the requisite training for asbestos accreditation under TSCA Title II.*

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# THE ASBESTOS INSTITUTE

*Certifies that*

## Derron Wright

has attended and received instruction in the EPA approved course

### AHERA Building Inspector Initial

on

### December 4-6 2023

and successfully completed and passed the competency exam.

Certificate:  
4380-17072-120623

Date of Examination:  
06-Dec-2023

Date of Expiration:  
06-Dec-2024



William T. Cavness  
Director



Approved Instructor

THE ASBESTOS INSTITUTE

20033 N. 19<sup>th</sup> Ave, Building 6, Phoenix, AZ 85027  
602-864-6564 – [www.theasbestosinstitute.com](http://www.theasbestosinstitute.com)

*The person receiving this certificate has completed the requisite training for asbestos accreditation under TSCA Title II.*

United States Department of Commerce  
National Institute of Standards and Technology

NVLAQ<sup>®</sup>



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**Certificate of Accreditation to ISO/IEC 17025:2017**

---

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

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality  
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

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Effective Dates

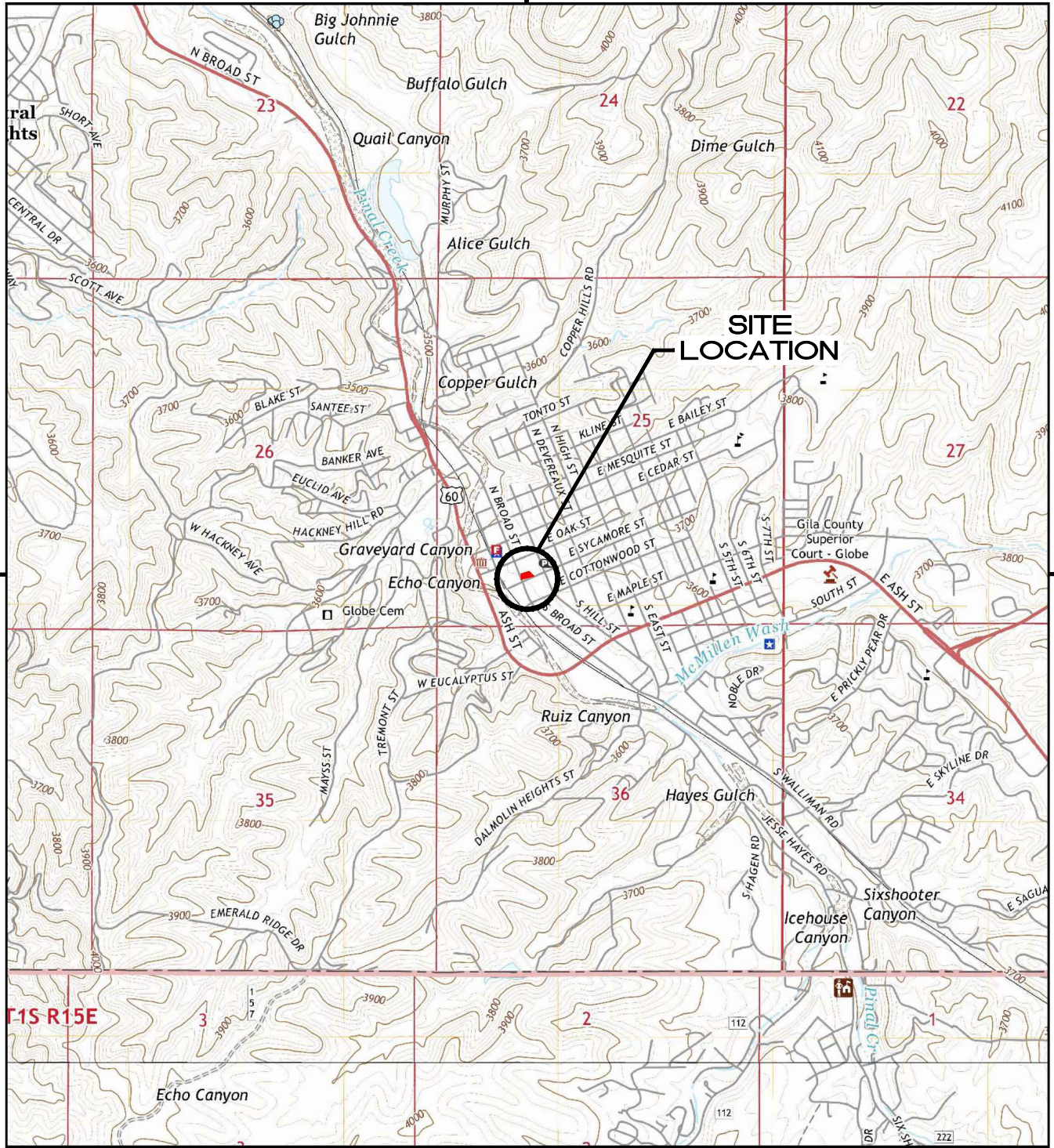


*[Signature]*  
For the National Voluntary Laboratory Accreditation Program

## *Appendix B*

*Site Plan, Asbestos Sample Location Maps, and ACM  
Location Maps*





SOURCE: USGS TOPO MAP, GLOBE & PINAL PEAK, AZ QUADS, 2021

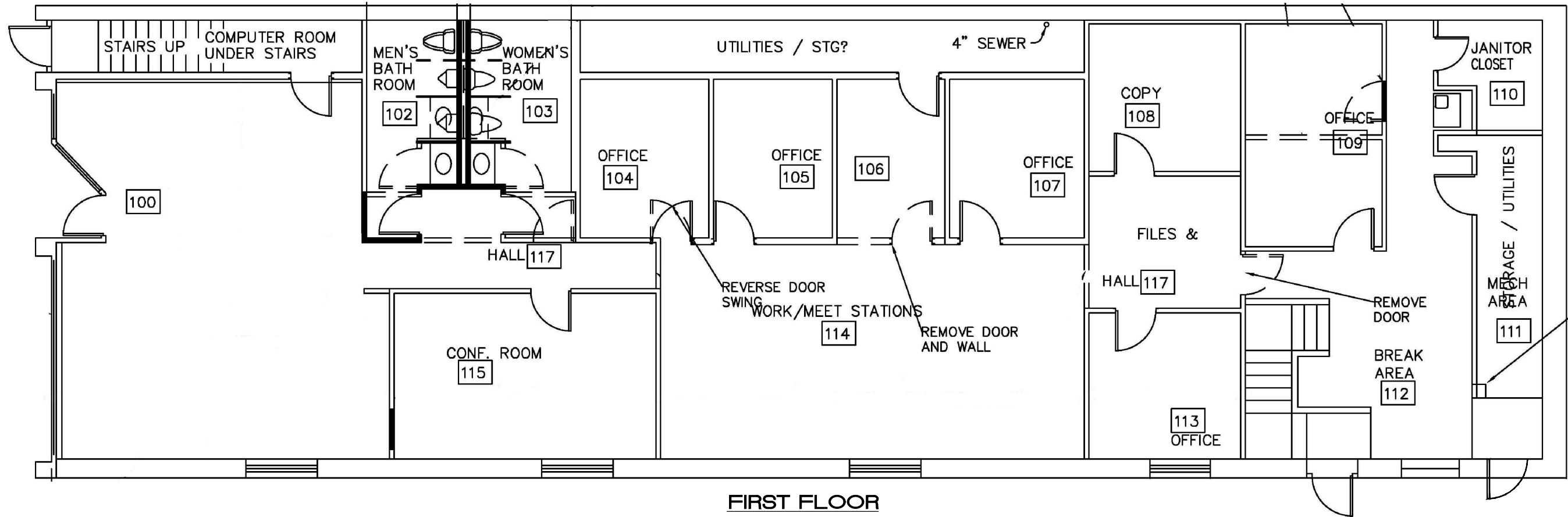
### SITE VICINITY MAP

MICHAELSON BUILDING  
155 & 157 S. BROAD STREET  
GLOBE, AZ

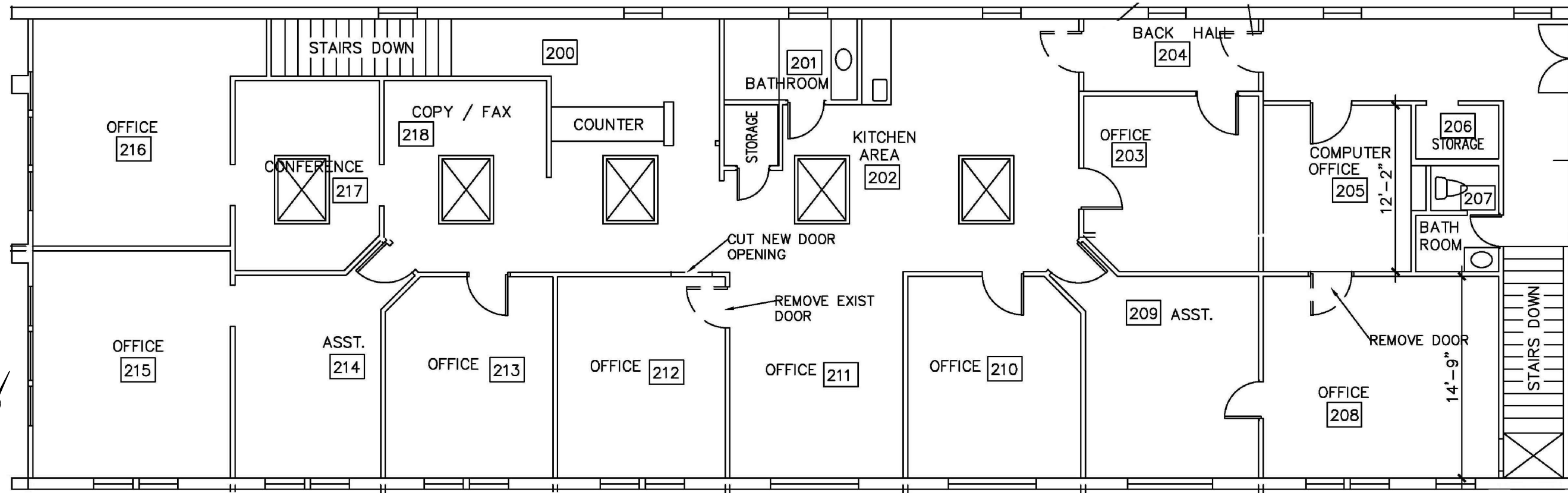
PROJECT NUMBER: 1052000242-9	DATE: 1/10/24	FIGURE
APPROVED BY: MW	DRAWN BY: BK	1

**ATLAS** 9185 S. Farmer Ave., Ste. #111  
Tempe, Arizona 85284-2912  
Ph: (480) 894-2056 \*\*\* Fax: (480) 894-2497





FIRST FLOOR



SECOND FLOOR

NOT TO SCALE  
NOTE: ALL LOCATIONS ARE APPROXIMATE

PROJECT NUMBER: 1052000242  
DATE: 1/29/24  
APPROVED BY: TH  
DRAWN BY: BK

FIGURE 2

ATLAS  
9185 S. Farmer Ave., Ste. #111  
Tempe, Arizona 85284-2912  
Ph: (480) 894-2056 \*\*\* Fax: (480) 894-2497

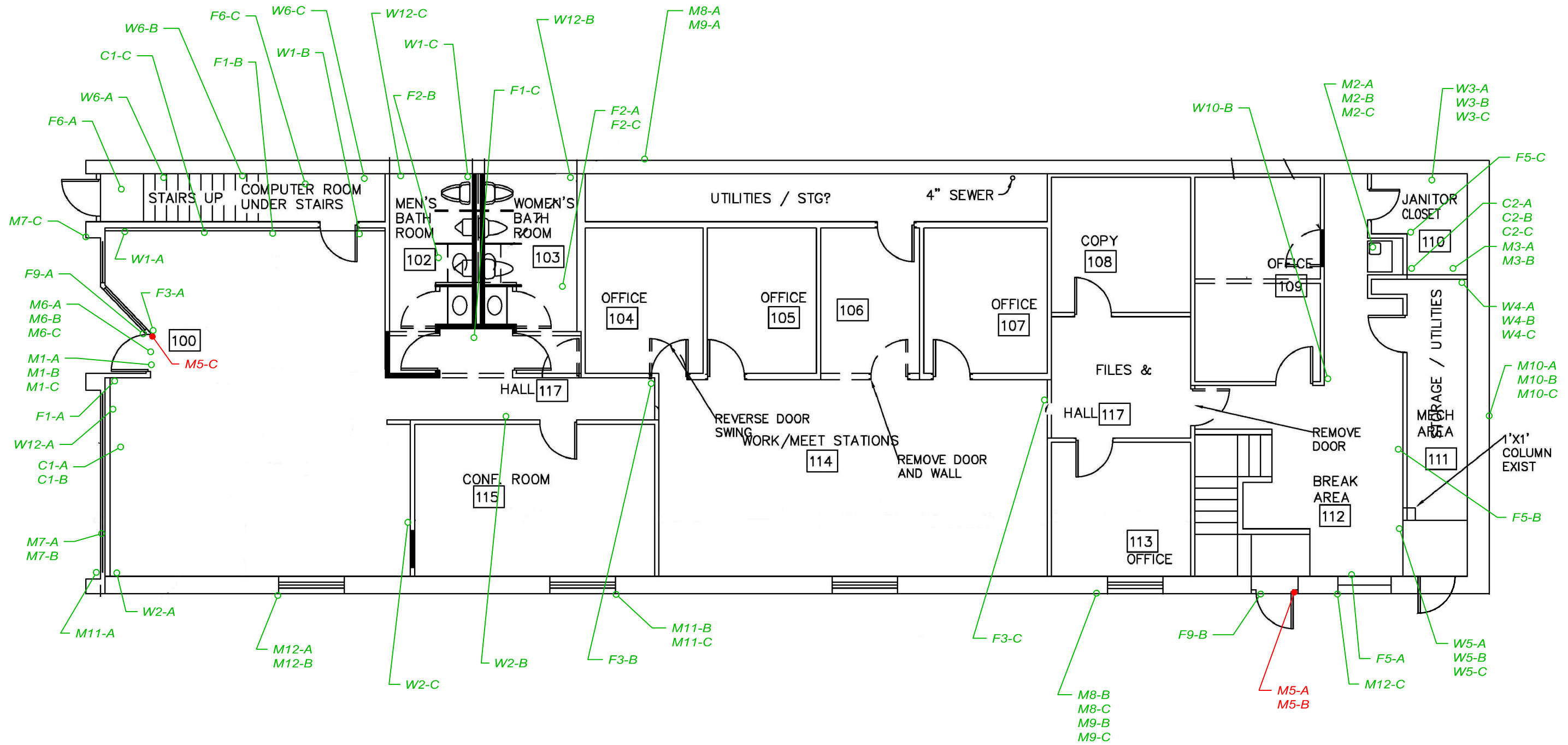
SITE PLAN  
MICHAELSON BUILDING  
157 S. BROAD STREET  
GLOBE, AZ



**LEGEND**

- ACM NEGATIVE SAMPLE
- ACM POSITIVE SAMPLE

NOT TO SCALE  
NOTE: ALL LOCATIONS ARE APPROXIMATE



**ACM SAMPLE LOCATION MAP**

**FIRST FLOOR**  
MICHAELSON BUILDING  
157 S. BROAD STREET  
GLOBE, AZ

PROJECT NUMBER: 1052000242  
APPROVED BY: TH

DATE: 3/20/24  
DRAWN BY: BK

FIGURE  
**3**

ATLAS  
9185 S. Farmer Ave., Ste. #111  
Tempe, Arizona 85284-2912  
Ph: (480) 894-2056 \*\*\* Fax: (480) 894-2497

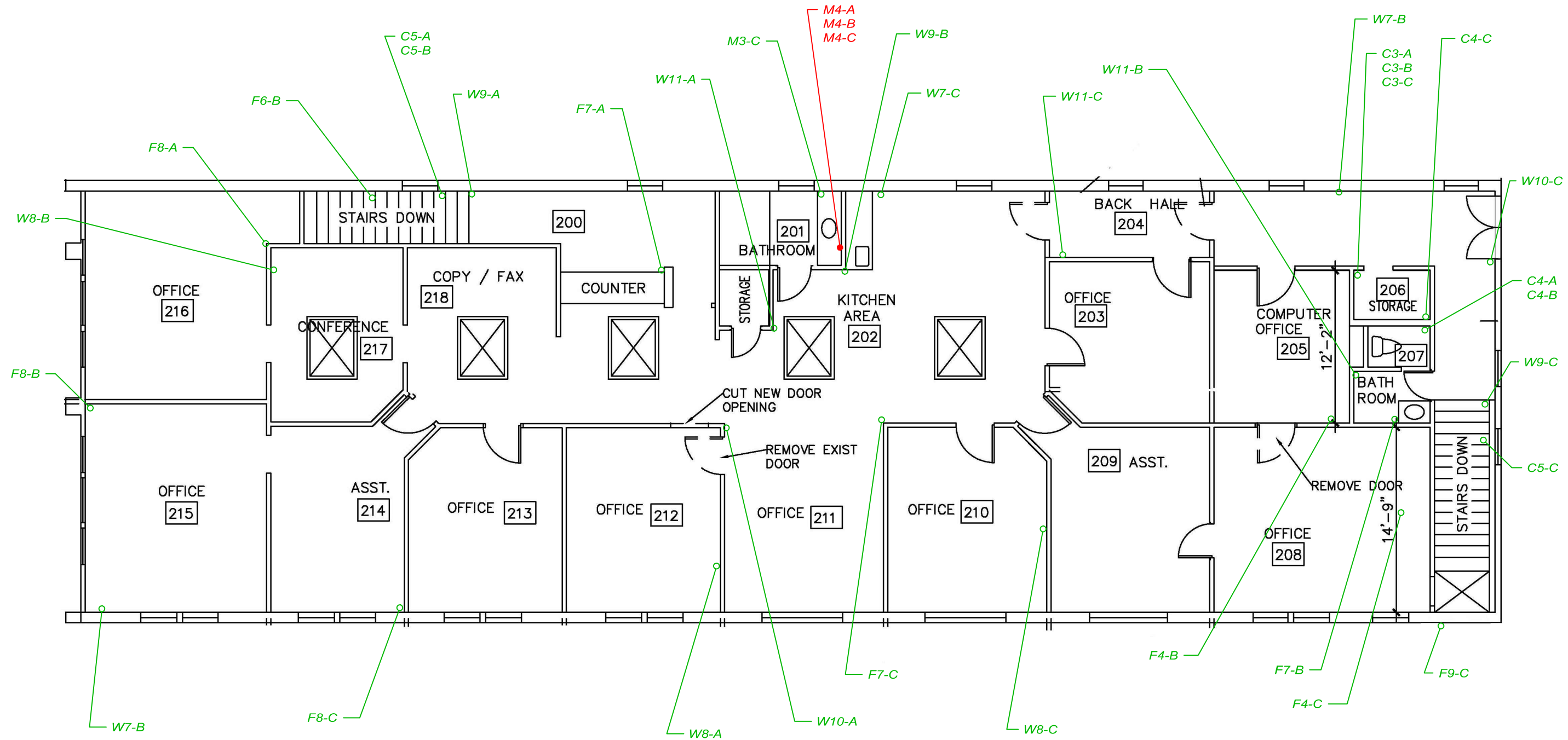




**LEGEND**

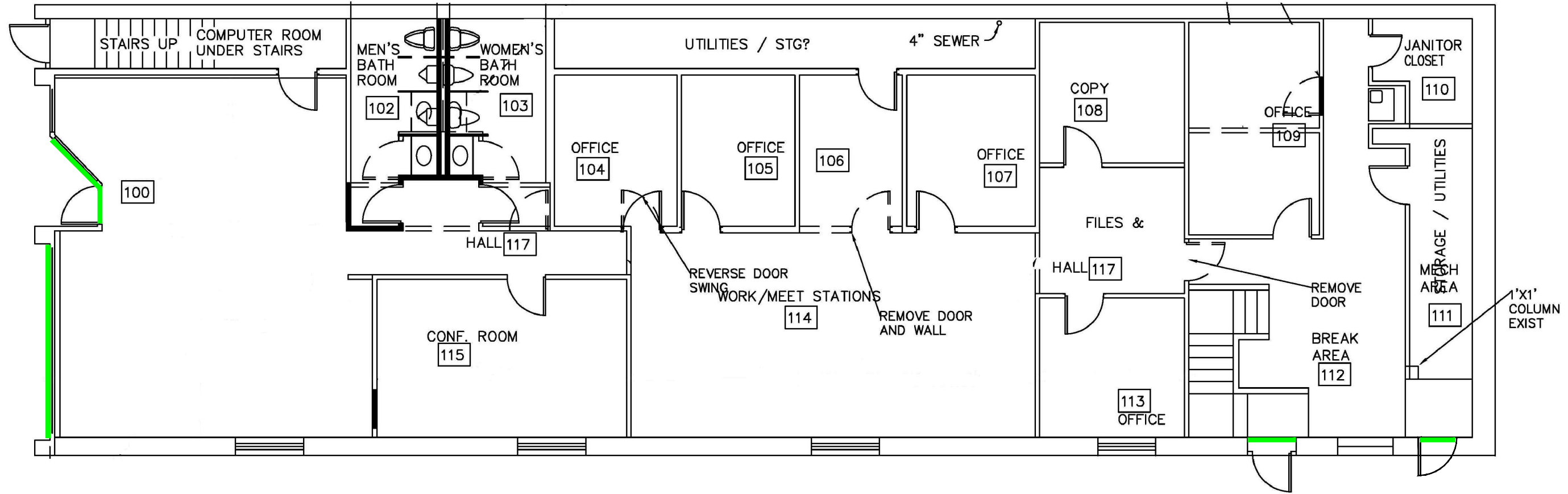
- ACM NEGATIVE SAMPLE
- ACM POSITIVE SAMPLE

NOT TO SCALE  
NOTE: ALL LOCATIONS ARE APPROXIMATE



PROJECT NUMBER: 1052000242	DATE: 3/20/24	FIGURE 4
APPROVED BY: TH	DRAWN BY: BK	
<b>ATLAS</b> 9185 S. Farmer Ave., Ste. #111 Tempe, Arizona 85284-2912 Ph: (480) 894-2056 *** Fax: (480) 894-2497		

**ACM SAMPLE LOCATION MAP**  
**SECOND FLOOR**  
 MICHAELSON BUILDING  
 157 S. BROAD STREET  
 GLOBE, AZ



**LEGEND**

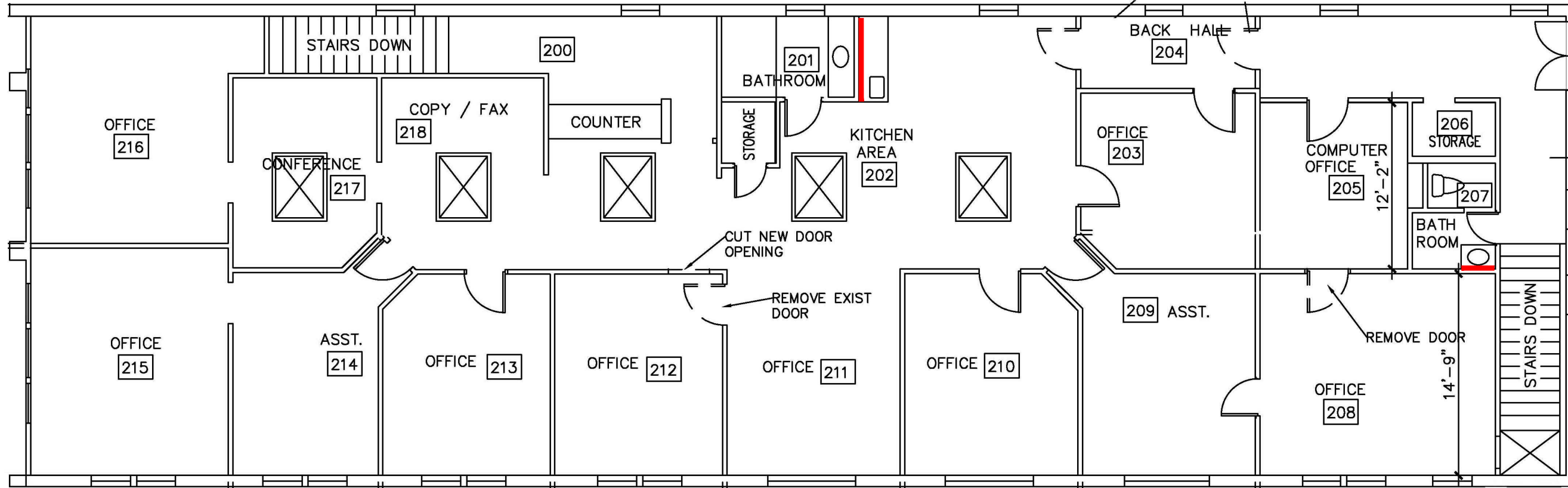
■ ACM M5 - EXTERIOR DOOR FRAME SEALANT (~6 S.F.)

NOT TO SCALE  
NOTE: ALL LOCATIONS ARE APPROXIMATE

PROJECT NUMBER: 1052000242  
 DATE: 3/20/24  
 APPROVED BY: TH  
 DRAWN BY: BK

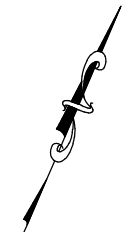
**ACM LOCATION MAP**  
**FIRST FLOOR**  
 MICHAELSON BUILDING  
 157 S. BROAD STREET  
 GLOBE, AZ

FIGURE **5**  
 9185 S. Farmer Ave., Ste. #111  
 Tempe, Arizona 85284-2912  
 Ph: (480) 894-2056 \*\*\* Fax: (480) 894-2497



PROJECT NUMBER: 1052000242  
 APPROVED BY: TH  
 DATE: 1/29/24  
 DRAWN BY: BK  
 FIGURE 6  
 ATLAS  
 9185 S. Farmer Ave., Ste. #111  
 Tempe, Arizona 85284-2912  
 Ph: (480) 894-2056 \*\*\* Fax: (480) 894-2497

ACM LOCATION MAP  
 SECOND FLOOR  
 MICHAELSON BUILDING  
 157 S. BROAD STREET  
 GLOBE, AZ



**LEGEND**

— ACM M4 - MIRROR MASTIC, BLACK (~3 S.F.)

NOT TO SCALE  
 NOTE: ALL LOCATIONS ARE APPROXIMATE

## *Appendix C*

### *Analytical Laboratory Reports and Chain-of-Custody Documentation*



**Polarized Light Microscope (PLM) Analysis for Asbestos in Bulk Sample**

**JobNumber:** 202311775

**Client:** ATC GROUP SERVICES/ATLAS

9185 S FARMER AVE STE 111

TEMPE, AZ 85284-0000

Office Phone: (480) 894-2056

FAX: (480) 894-2497

**# Samples:** 114 PLM **Rec:** 12/15/2023 **Method:** EPA 600/R-93/116 The "New" Method; see below  
**Client Job:** Gila County Copper Corridor Blight Buste **PO Number:** 105200242,Phs9  
**Report Date:** 12/20/2023 **Date Analyzed:** 12/19/2023 **Routing Number:** Michealson Bldg

**Method and Analysis Information:** Fiberquant Internal SOP: PLMn

Each bulk sample is first dissected under a 7-30x magnification stereo-microscope. This examination is used to determine the general type of sample, how many and what type of layers it has, and initial estimates of fiber types and quantities. Second, liquid media mounts are made of each layer - such mounts may be of selected fibers (used solely for identification purposes) or may be representative of the layer as a whole (used for quantitation purposes). The mounts may be made in a synthetic Canadian balsam, one of several solvents, or in refractive index oils (media of known refractive index). Generally, a variety of different mounts are made: some optimized for fiber visibility, some optimized for fiber identification, and some optimized for fiber quantitation. The mounted slides are then examined at 50-400x magnification on a Nikon Labphot-pol microscope. Optical characteristics are used to identify each observed fiber type; the optical data are contained for each sample on its detail analysis sheet, attached.

Current EPA and NESHAP regulations designate a result of  $\leq 1\%$  asbestos as "negative" or "non-regulated" and  $> 1\%$  asbestos as "positive" or "regulated." Samples containing layers that have been determined to be "positive" may have to be handled differently during a renovation or demolition than samples whose layers have been determined to be "negative." OSHA under CFR 1926.1101 regulates work done involving any detectable concentration of asbestos.

The method of fiber identification and quantitation is the "Standard Operating Procedures for the Analysis of Asbestos in Bulk Samples using Polarized Light Microscopy", Chapter 7 of the Quality Assurance and Management Manual. This SOP and its associated reporting have been designed to satisfy all requirements in both EPA Method 600/M4-82-020 (The Interim Method) and EPA Method 600/R-93/116 (The New Method). The Interim Method is the required method for AHERA (US EPA 40 CFR Pt. 763), but this method calls for the reporting of composited results of multi-layered samples that is no longer an acceptable reporting practice in most circumstances. Current EPA rules, such as NESHAP (US EPA 40 CFR Pt. 61), as well as NVLAP accreditation policies, call for separate reporting for each layer of multi-layered samples. The New Method contains the same procedures for identification and quantification of asbestos as does the Interim Method, except that multi-layered samples are reported to comply with the latest US EPA rule. Fiberquant not only reports the asbestos content of each layer of multi-layered samples separately (satisfying current EPA and NVLAP reporting requirements), but Fiberquant also reports what percentage of the sample each layer comprises. Therefore, the results may be arithmetically composited to satisfy the reporting requirements of the Interim Method. The method of fiber quantitation is an estimation technique in which the analysts quantitation is routinely calibrated by reference quantitation standards, and which has been shown to be equivalent in precision and accuracy to point counting. Friability is estimated for the purposes of deciding when to point count. Friabilities determined in the field take precedence over those determined in the laboratory. Those sample layers which are friable and estimated by the analyst to contain  $\leq 1\%$  asbestos are point counted using 400 points. Such point counting is required by NESHAP (National Emission Standards for Hazardous Air Pollutants, Nov. 1990) in order to rely on analytical results that are  $\leq 1\%$ . The coefficient of variation for the estimation quantitation technique is 100% in the range 0-5%. This means that PLM analysis is not capable of conclusively determining whether a layer containing close to 1% asbestos is actually "positive" or "negative". For this reason, Fiberquant refers to results where asbestos was detected but  $\leq 1\%$  as "borderline negative", and results where asbestos was  $> 1\%$  but  $\leq 2\%$  as "borderline positive" to indicate the uncertainty in assigning a "positive" or "negative" label. In the sample summary, "ND" means that no asbestos was detected during the analysis. A "Tr" or "Trace" of asbestos reported is defined for our purposes as the detection of several asbestos fibers during the analysis; this level would be right at the limit of detection for the method. Trace is only reported on the analysis detail - in the summary a trace would be reported as  $\leq 1\%$ . The limit of detection (the smallest % of asbestos that can be detected) varies greatly depending on the matrix in which the asbestos is found. As little as 0.001% asbestos can be detected in favorable samples, while detection in unfavorable samples may approach the detection limit of 1% stated in the method. During the analysis, the analyst, for Fiberquant identification purposes only, determines the "apparent sample type" and "apparent layer types." It must be emphasized that these types are only what is apparent. Often, different materials appear similar or identical after sampling, so the analyst may assign a type other than what was sampled.

Floor tiles present a special problem for PLM asbestos analysis. Floor tile can contain chrysotile fibers so thin that they cannot be resolved by optical methods. In such a case, we may observe a percentage of asbestos which is lower than the actual percentage, or not observe asbestos at all when some is present. For this reason, floor tiles reported as negative should be confirmed to be negative using transmission electron microscope (TEM) analysis. Likewise, vermiculite insulation materials containing traces of asbestiform asbestos present a problem for routine PLM analysis - the amphiboles are sometimes present in trace amounts inhomogeneously distributed. For this reason, loose vermiculite samples reported as negative should be confirmed to contain no amphibole using hydroseparation techniques.

The samples were analyzed under the following ongoing quality assurance program: Blank samples are routinely analyzed to maintain contamination-free materials. Each analyst has at least a bachelor's degree in physical science, and has also completed extensive training specific to asbestos analysis for 1-3 months before being allowed to analyze client samples. Qualitative reference samples are routinely analyzed to assure that analysts

can identify asbestos and asbestos-look-alike fibers. Quantitative reference samples are routinely analyzed to calibrate and characterize the estimation procedure. Microscope alignment is checked each day. Refractive index oils are calibrated at least quarterly. At least 10% of client samples are re-analyzed from scratch by a different analyst than the original, and any discrepancies are resolved for the sample and similar sample types before the results are reported. All quality checks performed for these samples were in control except as detailed in the "Analytical Notes" below. All analysts participate in interlab round robins and proficiency testing to assure competence. Fiberquant is accredited by NVLAP (Lab code #101031) for the analysis of bulk samples for asbestos using PLM. Accreditation does not imply endorsement by the EPA, any other United States governmental agency or any private agency or association. Each lab analysis refers only to the sample tested, and may not, due to the sampling process, be representative of the material sampled. This report may not be reproduced except in full, without the approval of Fiberquant Analytical Services.

Some results may have been calculated using client supplied data, such as volume or area sampled, for which Fiberquant assumes no liability for accuracy.

**Job Analysis Notes:**

**PLM Analysis Summary: Job Number: 202311775 Gila County Copper Corridor Blight Bust**

Sample Number	Lab Number	Apparent Sample Type *	Asbestos Detected Yes or No
Layer Color Apparent Layer Type *	Asbestos Results		
Sample # <b>F1-A</b>	2023-11775- 1	Flooring	Asbestos Detected? No
Layer # 1 black sheet flooring	no asbestos detected		
Layer # 2 black foam	no asbestos detected		
Sample # <b>F1-B</b>	2023-11775- 2	Flooring	Asbestos Detected? No
Layer # 1 black sheet flooring	no asbestos detected		
Layer # 2 tan mastic	no asbestos detected		
Layer # 3 tan leveling compound	no asbestos detected		
Layer # 4 gray mastic	no asbestos detected		
Sample # <b>F1-C</b>	2023-11775- 3	Flooring	Asbestos Detected? No
Layer # 1 black sheet flooring	no asbestos detected		
Layer # 2 tan mastic	no asbestos detected		
Layer # 3 tan leveling compound	no asbestos detected		
Layer # 4 tan mastic	no asbestos detected		
Sample # <b>F2-A</b>	2023-11775- 4	Flooring	Asbestos Detected? No
Layer # 1 tan sheet flooring surface	no asbestos detected		
Layer # 2 tan sheet flooring backing	no asbestos detected		
Sample # <b>F2-B</b>	2023-11775- 5	Flooring	Asbestos Detected? No
Layer # 1 tan sheet flooring surface	no asbestos detected		
Layer # 2 tan sheet flooring backing	no asbestos detected		
Sample # <b>F2-C</b>	2023-11775- 6	Flooring	Asbestos Detected? No
Layer # 1 tan sheet flooring surface	no asbestos detected		
Layer # 2 tan sheet flooring backing	no asbestos detected		
Layer # 3 tan mastic	no asbestos detected		
Sample # <b>F3-A</b>	2023-11775- 7	Adhesive/caulk	Asbestos Detected? No
Layer # 1 tan mastic	no asbestos detected		
Sample # <b>F3-B</b>	2023-11775- 8	Adhesive/caulk	Asbestos Detected? No
Layer # 1 tan mastic	no asbestos detected		
Sample # <b>F3-C</b>	2023-11775- 9	Adhesive/caulk	Asbestos Detected? No
Layer # 1 tan mastic	no asbestos detected		
Sample # <b>F4-A</b>	2023-11775- 10	Wall System	Asbestos Detected? Yes
Layer # 1 off-white paint	no asbestos detected		
Layer # 2 white plaster (top coat)	<=1% chrysotile asbestos		
Layer # 3 tan plaster (scratch coat)	no asbestos detected		
Layer # 4 tan mastic	no asbestos detected		
Sample # <b>F4-B</b>	2023-11775- 11	Adhesive/caulk	Asbestos Detected? No
Layer # 1 off-white mastic	no asbestos detected		
Layer # 2 off-white foam	no asbestos detected		
Layer # 3 gray foam	no asbestos detected		
Sample # <b>F4-C</b>	2023-11775- 12	Adhesive/caulk	Asbestos Detected? No
Layer # 1 off-white mastic	no asbestos detected		
Layer # 2 off-white foam	no asbestos detected		
Layer # 3 gray foam	no asbestos detected		
Sample # <b>F5-A</b>	2023-11775- 13	Flooring	Asbestos Detected? No
Layer # 1 black sheet flooring surface	no asbestos detected		
Layer # 2 tan sheet flooring backing	no asbestos detected		
Sample # <b>F5-B</b>	2023-11775- 14	Flooring	Asbestos Detected? No
Layer # 1 black sheet flooring surface	no asbestos detected		
Layer # 2 tan sheet flooring backing	no asbestos detected		
Layer # 3 tan mastic	no asbestos detected		
Sample # <b>F5-C</b>	2023-11775- 15	Flooring	Asbestos Detected? No
Layer # 1 black sheet flooring surface	no asbestos detected		
Layer # 2 tan sheet flooring backing	no asbestos detected		
Layer # 3 tan mastic	no asbestos detected		

Sample #	<b>F6-A</b>		2023-11775- 16	Cementitious	Asbestos Detected? No
Layer # 1	gray	paint		<i>no asbestos detected</i>	
Layer # 2	gray	concrete		<i>no asbestos detected</i>	
Sample #	<b>F6-B</b>		2023-11775- 17	Cementitious	Asbestos Detected? No
Layer # 1	gray	paint		<i>no asbestos detected</i>	
Layer # 2	gray	concrete		<i>no asbestos detected</i>	
Sample #	<b>F6-C</b>		2023-11775- 18	Cementitious	Asbestos Detected? No
Layer # 1	gray	paint		<i>no asbestos detected</i>	
Layer # 2	gray	concrete		<i>no asbestos detected</i>	
Sample #	<b>F7-A</b>		2023-11775- 19	Miscellaneous	Asbestos Detected? No
Layer # 1	tan	ceramic		<i>no asbestos detected</i>	
Sample #	<b>F7-B</b>		2023-11775- 20	Miscellaneous	Asbestos Detected? No
Layer # 1	tan	ceramic		<i>no asbestos detected</i>	
Sample #	<b>F7-C</b>		2023-11775- 21	Miscellaneous	Asbestos Detected? No
Layer # 1	tan	ceramic		<i>no asbestos detected</i>	
Layer # 2	brown	grout		<i>no asbestos detected</i>	
Layer # 3	gray	mortar		<i>no asbestos detected</i>	
Sample #	<b>F8-A</b>		2023-11775- 22	Miscellaneous	Asbestos Detected? No
Layer # 1	gray	leveling compound		<i>no asbestos detected</i>	
Layer # 2	tan	mastic		<i>no asbestos detected</i>	
Layer # 3	gray	concrete		<i>no asbestos detected</i>	
Layer # 4	off-white	miscellaneous		<i>no asbestos detected</i>	
Sample #	<b>F8-B</b>		2023-11775- 23	Miscellaneous	Asbestos Detected? No
Layer # 1	gray	leveling compound		<i>no asbestos detected</i>	
Layer # 2	tan	mastic		<i>no asbestos detected</i>	
Layer # 3	gray	concrete		<i>no asbestos detected</i>	
Layer # 4	off-white	miscellaneous		<i>no asbestos detected</i>	
Sample #	<b>F8-C</b>		2023-11775- 24	Miscellaneous	Asbestos Detected? No
Layer # 1	gray	leveling compound		<i>no asbestos detected</i>	
Layer # 2	tan	mastic		<i>no asbestos detected</i>	
Layer # 3	gray	concrete		<i>no asbestos detected</i>	
Sample #	<b>F9-A</b>		2023-11775- 25	Cementitious	Asbestos Detected? No
Layer # 1	gray	concrete		<i>no asbestos detected</i>	
Sample #	<b>F9-B</b>		2023-11775- 26	Cementitious	Asbestos Detected? No
Layer # 1	gray	concrete		<i>no asbestos detected</i>	
Sample #	<b>F9-C</b>		2023-11775- 27	Cementitious	Asbestos Detected? No
Layer # 1	gray	concrete		<i>no asbestos detected</i>	
Sample #	<b>W1-A</b>		2023-11775- 28	Wall System	Asbestos Detected? No
Layer # 1	off-white	paint		<i>no asbestos detected</i>	
Layer # 2	white	texture/joint compound		<i>no asbestos detected</i>	
Layer # 3	various	paint		<i>no asbestos detected</i>	
Layer # 4	white	texture/joint compound		<i>no asbestos detected</i>	
Layer # 5	orange	paint		<i>no asbestos detected</i>	
Layer # 6	brown	plaster		<i>no asbestos detected</i>	
Sample #	<b>W1-B</b>		2023-11775- 29	Wall System	Asbestos Detected? No
Layer # 1	off-white	paint		<i>no asbestos detected</i>	
Layer # 2	white	texture/joint compound		<i>no asbestos detected</i>	
Layer # 3	various	paint		<i>no asbestos detected</i>	
Layer # 4	white	texture/joint compound		<i>no asbestos detected</i>	
Layer # 5	orange	paint		<i>no asbestos detected</i>	
Layer # 6	brown	plaster		<i>no asbestos detected</i>	
Sample #	<b>W1-C</b>		2023-11775- 30	Wall System	Asbestos Detected? No
Layer # 1	off-white	paint		<i>no asbestos detected</i>	
Layer # 2	white	texture/joint compound		<i>no asbestos detected</i>	
Layer # 3	tan	paper/cardboard		<i>no asbestos detected</i>	
Layer # 4	white	drywall core		<i>no asbestos detected</i>	
Sample #	<b>W2-A</b>		2023-11775- 31	Wall System	Asbestos Detected? No
Layer # 1	off-white	paint		<i>no asbestos detected</i>	
Layer # 2	white	texture/joint compound		<i>no asbestos detected</i>	
Layer # 3	tan	paper/cardboard		<i>no asbestos detected</i>	
Layer # 4	white	drywall core		<i>no asbestos detected</i>	
Sample #	<b>W2-B</b>		2023-11775- 32	Wall System	Asbestos Detected? No
Layer # 1	off-white	paint		<i>no asbestos detected</i>	
Layer # 2	white	texture/joint compound		<i>no asbestos detected</i>	
Layer # 3	tan	paper/cardboard		<i>no asbestos detected</i>	
Layer # 4	white	drywall core		<i>no asbestos detected</i>	
Sample #	<b>W2-C</b>		2023-11775- 33	Wall System	Asbestos Detected? No
Layer # 1	off-white	paint		<i>no asbestos detected</i>	
Layer # 2	white	texture/joint compound		<i>no asbestos detected</i>	
Layer # 3	tan	paper/cardboard		<i>no asbestos detected</i>	
Layer # 4	tan	drywall core		<i>no asbestos detected</i>	

Sample #	<b>W3-A</b>		2023-11775- 34	Wall System	Asbestos Detected? No
Layer # 1	off-white	paint		<i>no asbestos detected</i>	
Layer # 2	white	texture/joint compound		<i>no asbestos detected</i>	
Layer # 3	tan	paper/cardboard		<i>no asbestos detected</i>	
Layer # 4	white	drywall core		<i>no asbestos detected</i>	
Sample #	<b>W3-B</b>		2023-11775- 35	Wall System	Asbestos Detected? No
Layer # 1	off-white	paint		<i>no asbestos detected</i>	
Layer # 2	white	texture/joint compound		<i>no asbestos detected</i>	
Layer # 3	tan	paper/cardboard		<i>no asbestos detected</i>	
Layer # 4	tan	drywall core		<i>no asbestos detected</i>	
Sample #	<b>W3-C</b>		2023-11775- 36	Wall System	Asbestos Detected? No
Layer # 1	off-white	paint		<i>no asbestos detected</i>	
Layer # 2	white	texture/joint compound		<i>no asbestos detected</i>	
Layer # 3	tan	paper/cardboard		<i>no asbestos detected</i>	
Layer # 4	tan	drywall core		<i>no asbestos detected</i>	
Sample #	<b>W4-A</b>		2023-11775- 37	Cementitious	Asbestos Detected? No
Layer # 1	off-white	paint		<i>no asbestos detected</i>	
Layer # 2	gray	concrete		<i>no asbestos detected</i>	
Sample #	<b>W4-B</b>		2023-11775- 38	Cementitious	Asbestos Detected? No
Layer # 1	off-white	paint		<i>no asbestos detected</i>	
Layer # 2	gray	concrete		<i>no asbestos detected</i>	
Sample #	<b>W4-C</b>		2023-11775- 39	Cementitious	Asbestos Detected? Yes
Layer # 1	off-white	paint		<i>no asbestos detected</i>	
Layer # 2	white	texture/joint compound		<i>&lt;=1% chrysotile asbestos</i>	
Layer # 3	gray	concrete		<i>no asbestos detected</i>	
Sample #	<b>W5-A</b>		2023-11775- 40	Wall System	Asbestos Detected? No
Layer # 1	off-white	paint		<i>no asbestos detected</i>	
Layer # 2	white	texture/joint compound		<i>no asbestos detected</i>	
Layer # 3	tan	paper/cardboard		<i>no asbestos detected</i>	
Layer # 4	white	drywall core		<i>no asbestos detected</i>	
Sample #	<b>W5-B</b>		2023-11775- 41	Wall System	Asbestos Detected? No
Layer # 1	off-white	paint		<i>no asbestos detected</i>	
Layer # 2	white	texture/joint compound		<i>no asbestos detected</i>	
Layer # 3	tan	paper/cardboard		<i>no asbestos detected</i>	
Layer # 4	white	drywall core		<i>no asbestos detected</i>	
Sample #	<b>W5-C</b>		2023-11775- 42	Wall System	Asbestos Detected? No
Layer # 1	off-white	paint		<i>no asbestos detected</i>	
Layer # 2	white	texture/joint compound		<i>no asbestos detected</i>	
Layer # 3	tan	paper/cardboard		<i>no asbestos detected</i>	
Layer # 4	white	drywall core		<i>no asbestos detected</i>	
Sample #	<b>W6-A</b>		2023-11775- 43	Wall System	Asbestos Detected? No
Layer # 1	off-white	paint		<i>no asbestos detected</i>	
Layer # 2	white	plaster (top coat)		<i>no asbestos detected</i>	
Layer # 3	gray	plaster (scratch coat)		<i>no asbestos detected</i>	
Sample #	<b>W6-B</b>		2023-11775- 44	Wall System	Asbestos Detected? No
Layer # 1	off-white	paint		<i>no asbestos detected</i>	
Layer # 2	gray	plaster		<i>no asbestos detected</i>	
Sample #	<b>W6-C</b>		2023-11775- 45	Wall System	Asbestos Detected? No
Layer # 1	off-white	paint		<i>no asbestos detected</i>	
Layer # 2	gray	plaster		<i>no asbestos detected</i>	
Sample #	<b>W7-A</b>		2023-11775- 46	Wall System	Asbestos Detected? No
Layer # 1	tan	paper/cardboard		<i>no asbestos detected</i>	
Layer # 2	white	drywall core		<i>no asbestos detected</i>	
Sample #	<b>W7-B</b>		2023-11775- 47	Wall System	Asbestos Detected? No
Layer # 1	tan	paper/cardboard		<i>no asbestos detected</i>	
Layer # 2	white	drywall core		<i>no asbestos detected</i>	
Sample #	<b>W7-C</b>		2023-11775- 48	Wall System	Asbestos Detected? No
Layer # 1	tan	paper/cardboard		<i>no asbestos detected</i>	
Layer # 2	white	drywall core		<i>no asbestos detected</i>	
Sample #	<b>W8-A</b>		2023-11775- 49	Wall System	Asbestos Detected? No
Layer # 1	off-white	paint		<i>no asbestos detected</i>	
Layer # 2	white	texture/joint compound		<i>no asbestos detected</i>	
Layer # 3	tan	paper/cardboard		<i>no asbestos detected</i>	
Layer # 4	white	drywall core		<i>no asbestos detected</i>	
Sample #	<b>W8-B</b>		2023-11775- 50	Wall System	Asbestos Detected? No
Layer # 1	off-white	paint		<i>no asbestos detected</i>	
Layer # 2	white	texture/joint compound		<i>no asbestos detected</i>	
Layer # 3	tan	paper/cardboard		<i>no asbestos detected</i>	
Layer # 4	white	drywall core		<i>no asbestos detected</i>	



Sample #	<b>W8-C</b>		2023-11775- 51	Wall System	Asbestos Detected? No
Layer # 1	green	paint		<i>no asbestos detected</i>	
Layer # 2	white	texture/joint compound		<i>no asbestos detected</i>	
Layer # 3	off-white	paper/cardboard		<i>no asbestos detected</i>	
Layer # 4	white	texture/joint compound		<i>no asbestos detected</i>	
Layer # 5	tan	paper/cardboard		<i>no asbestos detected</i>	
Layer # 6	white	drywall core		<i>no asbestos detected</i>	
Sample #	<b>W9-A</b>		2023-11775- 52	Miscellaneous	Asbestos Detected? No
Layer # 1	gray	base cove		<i>no asbestos detected</i>	
Layer # 2	tan	mastic		<i>no asbestos detected</i>	
Sample #	<b>W9-B</b>		2023-11775- 53	Miscellaneous	Asbestos Detected? No
Layer # 1	gray	base cove		<i>no asbestos detected</i>	
Layer # 2	tan	mastic		<i>no asbestos detected</i>	
Sample #	<b>W9-C</b>		2023-11775- 54	Miscellaneous	Asbestos Detected? No
Layer # 1	gray	base cove		<i>no asbestos detected</i>	
Layer # 2	tan	mastic		<i>no asbestos detected</i>	
Sample #	<b>W10-A</b>		2023-11775- 55	Miscellaneous	Asbestos Detected? No
Layer # 1	brown	base cove		<i>no asbestos detected</i>	
Layer # 2	off-white	mastic		<i>no asbestos detected</i>	
Sample #	<b>W10-B</b>		2023-11775- 56	Miscellaneous	Asbestos Detected? No
Layer # 1	brown	base cove		<i>no asbestos detected</i>	
Layer # 2	off-white	mastic		<i>no asbestos detected</i>	
Sample #	<b>W10-C</b>		2023-11775- 57	Miscellaneous	Asbestos Detected? No
Layer # 1	brown	base cove		<i>no asbestos detected</i>	
Layer # 2	off-white	mastic		<i>no asbestos detected</i>	
Sample #	<b>W11-A</b>		2023-11775- 58	Wall System	Asbestos Detected? No
Layer # 1	off-white	wall covering		<i>no asbestos detected</i>	
Layer # 2	various	paint		<i>no asbestos detected</i>	
Layer # 3	off-white	plaster		<i>no asbestos detected</i>	
Layer # 4	tan	paper/cardboard		<i>no asbestos detected</i>	
Layer # 5	white	drywall core		<i>no asbestos detected</i>	
Sample #	<b>W11-B</b>		2023-11775- 59	Wall System	Asbestos Detected? No
Layer # 1	off-white	wall covering		<i>no asbestos detected</i>	
Layer # 2	various	paint		<i>no asbestos detected</i>	
Layer # 3	off-white	plaster		<i>no asbestos detected</i>	
Sample #	<b>W11-C</b>		2023-11775- 60	Wall System	Asbestos Detected? No
Layer # 1	off-white	wall covering		<i>no asbestos detected</i>	
Layer # 2	various	paint		<i>no asbestos detected</i>	
Layer # 3	off-white	plaster		<i>no asbestos detected</i>	
Sample #	<b>W12-A</b>		2023-11775- 61	Miscellaneous	Asbestos Detected? No
Layer # 1	gray	base cove		<i>no asbestos detected</i>	
Layer # 2	off-white	mastic		<i>no asbestos detected</i>	
Layer # 3	tan	mastic		<i>no asbestos detected</i>	
Sample #	<b>W12-B</b>		2023-11775- 62	Miscellaneous	Asbestos Detected? No
Layer # 1	gray	base cove		<i>no asbestos detected</i>	
Layer # 2	off-white	mastic		<i>no asbestos detected</i>	
Layer # 3	tan	mastic		<i>no asbestos detected</i>	
Sample #	<b>W12-C</b>		2023-11775- 63	Miscellaneous	Asbestos Detected? No
Layer # 1	gray	base cove		<i>no asbestos detected</i>	
Layer # 2	off-white	mastic		<i>no asbestos detected</i>	
Layer # 3	tan	mastic		<i>no asbestos detected</i>	
Sample #	<b>C1-A</b>		2023-11775- 64	Ceiling System	Asbestos Detected? No
Layer # 1	white	paint		<i>no asbestos detected</i>	
Layer # 2	white	texture/joint compound		<i>no asbestos detected</i>	
Layer # 3	tan	paint		<i>no asbestos detected</i>	
Layer # 4	off-white	texture/joint compound		<i>no asbestos detected</i>	
Layer # 5	various	paint		<i>no asbestos detected</i>	
Layer # 6	brown	plaster		<i>no asbestos detected</i>	
Sample #	<b>C1-B</b>		2023-11775- 65	Ceiling System	Asbestos Detected? No
Layer # 1	white	paint		<i>no asbestos detected</i>	
Layer # 2	white	texture/joint compound		<i>no asbestos detected</i>	
Layer # 3	tan	paint		<i>no asbestos detected</i>	
Layer # 4	off-white	texture/joint compound		<i>no asbestos detected</i>	
Layer # 5	various	paint		<i>no asbestos detected</i>	
Layer # 6	brown	plaster		<i>no asbestos detected</i>	
Sample #	<b>C1-C</b>		2023-11775- 66	Ceiling System	Asbestos Detected? No
Layer # 1	white	paint		<i>no asbestos detected</i>	
Layer # 2	white	texture/joint compound		<i>no asbestos detected</i>	
Layer # 3	tan	paint		<i>no asbestos detected</i>	
Layer # 4	off-white	texture/joint compound		<i>no asbestos detected</i>	
Layer # 5	various	paint		<i>no asbestos detected</i>	
Layer # 6	brown	plaster		<i>no asbestos detected</i>	

Sample #	<b>C2-A</b>		2023-11775- 67	Ceiling System	Asbestos Detected? No
Layer # 1	off-white	paint		<i>no asbestos detected</i>	
Layer # 2	white	plaster (top coat)		<i>no asbestos detected</i>	
Layer # 3	tan	plaster (scratch coat)		<i>no asbestos detected</i>	
Sample #	<b>C2-B</b>		2023-11775- 68	Ceiling System	Asbestos Detected? No
Layer # 1	off-white	paint		<i>no asbestos detected</i>	
Layer # 2	white	texture/joint compound		<i>no asbestos detected</i>	
Layer # 3	various	paint		<i>no asbestos detected</i>	
Layer # 4	white	plaster (top coat)		<i>no asbestos detected</i>	
Layer # 5	tan	plaster (scratch coat)		<i>no asbestos detected</i>	
Sample #	<b>C2-C</b>		2023-11775- 69	Ceiling System	Asbestos Detected? No
Layer # 1	off-white	paint		<i>no asbestos detected</i>	
Layer # 2	white	texture/joint compound		<i>no asbestos detected</i>	
Layer # 3	various	paint		<i>no asbestos detected</i>	
Layer # 4	white	plaster (top coat)		<i>no asbestos detected</i>	
Layer # 5	tan	plaster (scratch coat)		<i>no asbestos detected</i>	
Sample #	<b>C3-A</b>		2023-11775- 70	Ceiling System	Asbestos Detected? No
Layer # 1	off-white	paint		<i>no asbestos detected</i>	
Layer # 2	white	plaster (top coat)		<i>no asbestos detected</i>	
Layer # 3	tan	plaster (scratch coat)		<i>no asbestos detected</i>	
Sample #	<b>C3-B</b>		2023-11775- 71	Ceiling System	Asbestos Detected? No
Layer # 1	off-white	paint		<i>no asbestos detected</i>	
Layer # 2	white	plaster (top coat)		<i>no asbestos detected</i>	
Layer # 3	tan	plaster (scratch coat)		<i>no asbestos detected</i>	
Sample #	<b>C3-C</b>		2023-11775- 72	Ceiling System	Asbestos Detected? No
Layer # 1	off-white	paint		<i>no asbestos detected</i>	
Layer # 2	white	plaster (top coat)		<i>no asbestos detected</i>	
Layer # 3	tan	plaster (scratch coat)		<i>no asbestos detected</i>	
Sample #	<b>C4-A</b>		2023-11775- 73	Wall System	Asbestos Detected? No
Layer # 1	off-white	paint		<i>no asbestos detected</i>	
Layer # 2	white	texture/joint compound		<i>no asbestos detected</i>	
Layer # 3	off-white	paper/cardboard		<i>no asbestos detected</i>	
Layer # 4	white	texture/joint compound		<i>no asbestos detected</i>	
Layer # 5	tan	paper/cardboard		<i>no asbestos detected</i>	
Layer # 6	white	drywall core		<i>no asbestos detected</i>	
Sample #	<b>C4-B</b>		2023-11775- 74	Wall System	Asbestos Detected? No
Layer # 1	off-white	paint		<i>no asbestos detected</i>	
Layer # 2	white	texture/joint compound		<i>no asbestos detected</i>	
Layer # 3	tan	paper/cardboard		<i>no asbestos detected</i>	
Layer # 4	white	drywall core		<i>no asbestos detected</i>	
Sample #	<b>C4-C</b>		2023-11775- 75	Wall System	Asbestos Detected? No
Layer # 1	off-white	paint		<i>no asbestos detected</i>	
Layer # 2	white	texture/joint compound		<i>no asbestos detected</i>	
Layer # 3	off-white	paper/cardboard		<i>no asbestos detected</i>	
Layer # 4	white	texture/joint compound		<i>no asbestos detected</i>	
Layer # 5	tan	paper/cardboard		<i>no asbestos detected</i>	
Layer # 6	white	drywall core		<i>no asbestos detected</i>	
Sample #	<b>C5-A</b>		2023-11775- 76	Acoustical Tile	Asbestos Detected? No
Layer # 1	off-white	paint		<i>no asbestos detected</i>	
Layer # 2	off-white	acoustical tile		<i>no asbestos detected</i>	
Sample #	<b>C5-B</b>		2023-11775- 77	Acoustical Tile	Asbestos Detected? No
Layer # 1	off-white	paint		<i>no asbestos detected</i>	
Layer # 2	off-white	acoustical tile		<i>no asbestos detected</i>	
Sample #	<b>C5-C</b>		2023-11775- 78	Acoustical Tile	Asbestos Detected? No
Layer # 1	off-white	paint		<i>no asbestos detected</i>	
Layer # 2	off-white	acoustical tile		<i>no asbestos detected</i>	
Sample #	<b>M1-A</b>		2023-11775- 79	Adhesive/caulk	Asbestos Detected? No
Layer # 1	gray	sealant		<i>no asbestos detected</i>	
Sample #	<b>M1-B</b>		2023-11775- 80	Adhesive/caulk	Asbestos Detected? No
Layer # 1	gray	sealant		<i>no asbestos detected</i>	
Sample #	<b>M1-C</b>		2023-11775- 81	Adhesive/caulk	Asbestos Detected? No
Layer # 1	gray	sealant		<i>no asbestos detected</i>	
Sample #	<b>M2-A</b>		2023-11775- 82	Surfacing	Asbestos Detected? No
Layer # 1	clear	coating		<i>no asbestos detected</i>	
Layer # 2	black	membrane		<i>no asbestos detected</i>	
Sample #	<b>M2-B</b>		2023-11775- 83	Surfacing	Asbestos Detected? No
Layer # 1	clear	coating		<i>no asbestos detected</i>	
Layer # 2	black	membrane		<i>no asbestos detected</i>	
Sample #	<b>M2-C</b>		2023-11775- 84	Surfacing	Asbestos Detected? No
Layer # 1	clear	coating		<i>no asbestos detected</i>	
Layer # 2	black	membrane		<i>no asbestos detected</i>	
Sample #	<b>M3-A</b>		2023-11775- 85	Adhesive/caulk	Asbestos Detected? No
Layer # 1	off-white	caulk		<i>no asbestos detected</i>	

Sample #	<b>M3-B</b>			2023-11775- 86	Adhesive/caulk <i>no asbestos detected</i>	Asbestos Detected? No
Layer #	1	off-white	caulk			
Sample #	<b>M3-C</b>			2023-11775- 87	Adhesive/caulk <i>no asbestos detected</i>	Asbestos Detected? No
Layer #	1	off-white	caulk			
Sample #	<b>M4-A</b>			2023-11775- 88	Adhesive/caulk <i>20-30% chrysotile asbestos</i>	Asbestos Detected? Yes
Layer #	1	black	mastic			
Sample #	<b>M4-B</b>			2023-11775- 89	Adhesive/caulk <i>20-30% chrysotile asbestos</i>	Asbestos Detected? Yes
Layer #	1	black	mastic			
Sample #	<b>M4-C</b>			2023-11775- 90	Adhesive/caulk <i>20-30% chrysotile asbestos</i>	Asbestos Detected? Yes
Layer #	1	black	mastic			
Sample #	<b>M5-A</b>			2023-11775- 91	Adhesive/caulk <i>5-10% chrysotile asbestos</i>	Asbestos Detected? Yes
Layer #	1	gray	sealant			
Sample #	<b>M5-B</b>			2023-11775- 92	Adhesive/caulk <i>5-10% chrysotile asbestos</i>	Asbestos Detected? Yes
Layer #	1	gray	sealant			
Sample #	<b>M5-C</b>			2023-11775- 93	Adhesive/caulk <i>5-10% chrysotile asbestos</i>	Asbestos Detected? Yes
Layer #	1	gray	sealant			
Sample #	<b>M6-A</b>			2023-11775- 94	Carpet <i>no asbestos detected</i>	Asbestos Detected? No
Layer #	1	various	carpet			
Layer #	2	tan	mastic		<i>no asbestos detected</i>	
Sample #	<b>M6-B</b>			2023-11775- 95	Carpet <i>no asbestos detected</i>	Asbestos Detected? No
Layer #	1	various	carpet			
Layer #	2	tan	mastic		<i>no asbestos detected</i>	
Sample #	<b>M6-C</b>			2023-11775- 96	Carpet <i>no asbestos detected</i>	Asbestos Detected? No
Layer #	1	various	carpet			
Layer #	2	tan	mastic		<i>no asbestos detected</i>	
Sample #	<b>M7-A</b>			2023-11775- 97	Wall System <i>no asbestos detected</i>	Asbestos Detected? No
Layer #	1	gray	stucco			
Sample #	<b>M7-B</b>			2023-11775- 98	Wall System <i>no asbestos detected</i>	Asbestos Detected? No
Layer #	1	gray	stucco			
Sample #	<b>M7-C</b>			2023-11775- 99	Wall System <i>no asbestos detected</i>	Asbestos Detected? No
Layer #	1	gray	stucco			
Sample #	<b>M8-A</b>			2023-11775- 100	Cementitious <i>no asbestos detected</i>	Asbestos Detected? No
Layer #	1	tan	paint			
Layer #	2	gray	stucco		<i>no asbestos detected</i>	
Sample #	<b>M8-B</b>			2023-11775- 101	Cementitious <i>no asbestos detected</i>	Asbestos Detected? No
Layer #	1	tan	paint			
Layer #	2	gray	stucco		<i>no asbestos detected</i>	
Sample #	<b>M8-C</b>			2023-11775- 102	Cementitious <i>no asbestos detected</i>	Asbestos Detected? No
Layer #	1	tan	paint			
Layer #	2	gray	stucco		<i>no asbestos detected</i>	
Sample #	<b>M9-A</b>			2023-11775- 103	Cementitious <i>no asbestos detected</i>	Asbestos Detected? No
Layer #	1	gray	concrete			
Sample #	<b>M9-B</b>			2023-11775- 104	Cementitious <i>no asbestos detected</i>	Asbestos Detected? No
Layer #	1	gray	concrete			
Sample #	<b>M9-C</b>			2023-11775- 105	Cementitious <i>no asbestos detected</i>	Asbestos Detected? No
Layer #	1	gray	concrete			
Sample #	<b>M10-A</b>			2023-11775- 106	TSI <i>no asbestos detected</i>	Asbestos Detected? No
Layer #	1	clear	mastic			
Layer #	2	silver	metal		<i>no asbestos detected</i>	
Layer #	3	off-white	sealant		<i>no asbestos detected</i>	
Sample #	<b>M10-B</b>			2023-11775- 107	TSI <i>no asbestos detected</i>	Asbestos Detected? No
Layer #	1	clear	mastic			
Layer #	2	silver	metal		<i>no asbestos detected</i>	
Layer #	3	off-white	sealant		<i>no asbestos detected</i>	
Sample #	<b>M10-C</b>			2023-11775- 108	TSI <i>no asbestos detected</i>	Asbestos Detected? No
Layer #	1	clear	mastic			
Layer #	2	silver	metal		<i>no asbestos detected</i>	
Layer #	3	off-white	sealant		<i>no asbestos detected</i>	
Sample #	<b>M11-A</b>			2023-11775- 109	Adhesive/caulk <i>no asbestos detected</i>	Asbestos Detected? No
Layer #	1	white	sealant			
Sample #	<b>M11-B</b>			2023-11775- 110	Adhesive/caulk <i>no asbestos detected</i>	Asbestos Detected? No
Layer #	1	white	sealant			
Sample #	<b>M11-C</b>			2023-11775- 111	Adhesive/caulk <i>no asbestos detected</i>	Asbestos Detected? No
Layer #	1	white	sealant			
Sample #	<b>M12-A</b>			2023-11775- 112	Adhesive/caulk <i>no asbestos detected</i>	Asbestos Detected? No
Layer #	1	off-white	putty			
Sample #	<b>M12-B</b>			2023-11775- 113	Adhesive/caulk <i>no asbestos detected</i>	Asbestos Detected? No
Layer #	1	off-white	putty			
Sample #	<b>M12-C</b>			2023-11775- 114	Adhesive/caulk <i>no asbestos detected</i>	Asbestos Detected? No
Layer #	1	off-white	putty			

\* Apparent Sample Types and Apparent Layer Types are as they appeared to the analyst. Since many types of materials appear similar after sampling damage, the apparent type of material may not be the actual type of material.

**PLM Analysis Details**

**Job Number: 202311775** Gila County Copper Corridor Blight Bus

**Sample** F1-A      **Lab Number** 2023-11775- 1      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL 12/19/2023      **An?** OK      **Apparent Smp Type** Flooring      Non-fibrous Solid  
**Homogeneous** No      **# Layers** 2      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** filler, polymer, powder

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	sheet flooring	95	black	1	n.d.	-	-	-	-	-
2	foam	5	black	3	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b>					none					

Fibers									Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per	
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of floor tile matrix and mastic using solvent. Note: Surface of layer 1 is gray

**Sample** F1-B      **Lab Number** 2023-11775- 2      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL 12/19/2023      **An?** OK      **Apparent Smp Type** Flooring      Non-fibrous Solid  
**Homogeneous** No      **# Layers** 4      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** filler, polymer, powder

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	sheet flooring	92	black	1	n.d.	-	-	-	-	-
2	mastic	2	tan	1	n.d.	-	-	-	-	-
3	leveling compound	5	tan	3	<=1%	-	-	-	-	-
4	mastic	1	gray	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		<=1%	-	-	-	-	-
<b>Fiber Identification:</b>					cellulose fiber					

Fibers									Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per	
1	cellulose fiber	W	F	N	N	H	+	U					
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of floor tile matrix and mastic using solvent. Note: Surface of layer 1 is gray

**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** F1-C      **Lab Number** 2023-11775- 3      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Flooring      Non-fibrous Solid  
**Homogeneous** No      **# Layers** 4      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** filler, polymer, powder

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	sheet flooring	92	black	1	n.d.	-	-	-	-	-
2	mastic	2	tan	1	n.d.	-	-	-	-	-
3	leveling compound	5	tan	3	<=1%	-	-	-	-	-
4	mastic	1	tan	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		<=1%	-	-	-	-	-
<b>Fiber Identification:</b>					cellulose fiber					

Fibers									Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per	
1	cellulose fiber	W	F	N	N	H	+	U					
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of floor tile matrix and mastic using solvent. Note: Surface of layer 1 is gray

**Sample** F2-A      **Lab Number** 2023-11775- 4      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Flooring      Fibrous Solid  
**Homogeneous** No      **# Layers** 2      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** polymer, filler, powder

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	sheet flooring surface	80	tan	1	n.d.	-	-	-	-	-
2	sheet flooring backing	20	tan	3	2-5%	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		<=1%	-	-	-	-	-
<b>Fiber Identification:</b>					glass fiber					

Fibers									Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per	
1	glass fiber	CL	D	Y									
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of vinyl matrix using solvent.

**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** F2-B      **Lab Number** 2023-11775- 5      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL 12/19/2023      **An?** OK      **Apparent Smp Type** Flooring      **Fibrous Solid**  
**Homogeneous** No      **# Layers** 2      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** polymer, filler, powder

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	sheet flooring surface	80	tan	1	n.d.	-	-	-	-	-
2	sheet flooring backing	20	tan	3	2-5%	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		<=1%	-	-	-	-	-
<b>Fiber Identification:</b>					glass fiber					

Fibers		Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Refractive Index Determinations				
									Oil	Col Par	Col Per	RI Par	RI Per
1	glass fiber	CL	D	Y									
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: teased apart using forceps. Procedure: dissolution of vinyl matrix using solvent.

**Sample** F2-C      **Lab Number** 2023-11775- 6      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL 12/19/2023      **An?** OK      **Apparent Smp Type** Flooring      **Fibrous Solid**  
**Homogeneous** No      **# Layers** 3      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** polymer, filler, powder

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	sheet flooring surface	80	tan	1	n.d.	-	-	-	-	-
2	sheet flooring backing	18	tan	3	2-5%	-	-	-	-	-
3	mastic	2	tan	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		<=1%	-	-	-	-	-
<b>Fiber Identification:</b>					glass fiber					

Fibers		Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Refractive Index Determinations				
									Oil	Col Par	Col Per	RI Par	RI Per
1	glass fiber	CL	D	Y									
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: teased apart using forceps. Procedure: dissolution of vinyl matrix using solvent.

**Sample** F3-A      **Lab Number** 2023-11775- 7      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL 12/19/2023      **An?** OK      **Apparent Smp Type** Adhesive/caulk      **Non-fibrous Solid**  
**Homogeneous** Yes      **# Layers** 1      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** filler, polymer,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	mastic	100	tan	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b>					none					

Fibers		Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Refractive Index Determinations				
									Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: teased apart using forceps. Procedure: dissolution of matrix using solvent.

**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** F3-B      **Lab Number** 2023-11775- 8      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Adhesive/caulk      Non-fibrous Solid  
**Homogeneous** Yes      **# Layers** 1      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** filler, polymer,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	mastic	100	tan	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
Fiber Identification:					none					

Fibers									Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per	
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of matrix using solvent.

**Sample** F3-C      **Lab Number** 2023-11775- 9      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Adhesive/caulk      Non-fibrous Solid  
**Homogeneous** Yes      **# Layers** 1      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** filler, polymer,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	mastic	100	tan	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
Fiber Identification:					none					

Fibers									Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per	
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of matrix using solvent.

**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** F4-A      **Lab Number** 2023-11775- 10      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Wall System      Non-fibrous Solid  
**Homogeneous** No      **# Layers** 4      **Asbestos Detected?** Yes  
**Non-Fibrous Components (in approx. decreasing order):** powder, rock, binder

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	2	off-white	1	n.d.	n.d.	-	-	-	-
2	plaster (top coat)	18	white	2	<=1%	n.d.	-	-	-	-
3	plaster (scratch coat)	20	tan	2	n.d.	n.d.	-	-	-	-
4	mastic	60	tan	1	n.d.	>1-2%	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		<=1%	>1-2%	-	-	-	-

**Fiber Identification:** chrysotile asbestos synthetic fiber (extr)

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	chrysotile asbestos	W	A	N	N	L	+	P	1.550	db/ly	sb/o	1.561	1.553
2	synthetic fiber (extruded)	W	E	N	N	H	+	P					
3													
4													
5													
6													

**Sample Analytical Note**

Procedure: teased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of plaster matrix using acid. Note: there appears to be more than one sample layer sequence in the bag (e.g., samples from more than one location); therefore, the reported layer sequence has been estimated/composited.

**Sample** F4-B      **Lab Number** 2023-11775- 11      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Adhesive/caulk      Non-fibrous Solid  
**Homogeneous** No      **# Layers** 3      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** filler, polymer,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	mastic	5	off-white	1	n.d.	-	-	-	-	-
2	foam	45	off-white	3	n.d.	-	-	-	-	-
3	foam	50	gray	3	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-

**Fiber Identification:** none

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**

Procedure: teased apart using forceps. Procedure: dissolution of matrix using solvent.



**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** F4-C      **Lab Number** 2023-11775- 12      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Adhesive/caulk      Non-fibrous Solid  
**Homogeneous** No      **# Layers** 3      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** filler, polymer,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	mastic	5	off-white	1	n.d.	-	-	-	-	-
2	foam	45	off-white	3	n.d.	-	-	-	-	-
3	foam	50	gray	3	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b> none										

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of matrix using solvent.

**Sample** F5-A      **Lab Number** 2023-11775- 13      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Flooring      Fibrous Solid  
**Homogeneous** No      **# Layers** 2      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** polymer, filler, powder

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	sheet flooring surface	50	black	1	n.d.	n.d.	-	-	-	-
2	sheet flooring backing	50	tan	3	20-30%	2-5%	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		10-20%	>1-2%	-	-	-	-
<b>Fiber Identification:</b> cellulose fiber    glass fiber										

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	cellulose fiber	W	F	N	N	H	+	U					
2	glass fiber	CL	D	Y									
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of vinyl matrix using solvent.

**Sample** F5-B      **Lab Number** 2023-11775- 14      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Flooring      **Fibrous Solid**  
**Homogeneous** No      **# Layers** 3      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** polymer, filler, powder

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	sheet flooring surface	50	black	1	n.d.	n.d.	-	-	-	-
2	sheet flooring backing	48	tan	3	20-30%	2-5%	-	-	-	-
3	mastic	2	tan	1	n.d.	n.d.	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		10-20%	>1-2%	-	-	-	-
<b>Fiber Identification:</b>					cellulose fiber	glass fiber				

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	cellulose fiber	W	F	N	N	H	+	U					
2	glass fiber	CL	D	Y									
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of vinyl matrix using solvent.

**Sample** F5-C      **Lab Number** 2023-11775- 15      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Flooring      **Fibrous Solid**  
**Homogeneous** No      **# Layers** 3      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** polymer, filler, powder

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	sheet flooring surface	50	black	1	n.d.	n.d.	-	-	-	-
2	sheet flooring backing	48	tan	3	20-30%	2-5%	-	-	-	-
3	mastic	2	tan	1	n.d.	n.d.	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		10-20%	>1-2%	-	-	-	-
<b>Fiber Identification:</b>					cellulose fiber	glass fiber				

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	cellulose fiber	W	F	N	N	H	+	U					
2	glass fiber	CL	D	Y									
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of vinyl matrix using solvent.

**Sample** F6-A **Lab Number** 2023-11775- 16 **Sampled:** 12/15/2023 **Condition:** acceptable  
**Analyzed By** VTL 12/19/2023 **An?** OK **Apparent Smp Type** Cementitious Non-fibrous Solid  
**Homogeneous** No **# Layers** 2 **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, rock, binder

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	1	gray	1	n.d.	-	-	-	-	-
2	concrete	99	gray	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b> none										

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of polymer matrix using solvent. Procedure: dissolution of matrix using acid.

**Sample** F6-B **Lab Number** 2023-11775- 17 **Sampled:** 12/15/2023 **Condition:** acceptable  
**Analyzed By** VTL 12/19/2023 **An?** OK **Apparent Smp Type** Cementitious Non-fibrous Solid  
**Homogeneous** No **# Layers** 2 **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, rock, binder

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	1	gray	1	n.d.	-	-	-	-	-
2	concrete	99	gray	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b> none										

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of polymer matrix using solvent. Procedure: dissolution of matrix using acid.

**Sample** F6-C **Lab Number** 2023-11775- 18 **Sampled:** 12/15/2023 **Condition:** acceptable  
**Analyzed By** VTL 12/19/2023 **An?** OK **Apparent Smp Type** Cementitious Non-fibrous Solid  
**Homogeneous** No **# Layers** 2 **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, rock, binder

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	1	gray	1	n.d.	-	-	-	-	-
2	concrete	99	gray	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b> none										

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of polymer matrix using solvent. Procedure: dissolution of matrix using acid.

**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** F7-A      **Lab Number** 2023-11775- 19      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Miscellaneous      Non-fibrous Solid  
**Homogeneous** Yes      **# Layers** 1      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** ceramic, powder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	ceramic	100	tan	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
Fiber Identification:					none					

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of cementitious matrices using acid.

**Sample** F7-B      **Lab Number** 2023-11775- 20      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Miscellaneous      Non-fibrous Solid  
**Homogeneous** Yes      **# Layers** 1      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** ceramic, powder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	ceramic	100	tan	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
Fiber Identification:					none					

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of cementitious matrices using acid.

**Sample** F7-C      **Lab Number** 2023-11775- 21      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Miscellaneous      Non-fibrous Solid  
**Homogeneous** No      **# Layers** 3      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** ceramic, powder, rock

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	ceramic	90	tan	1	n.d.	-	-	-	-	-
2	grout	5	brown	2	n.d.	-	-	-	-	-
3	mortar	5	gray	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
Fiber Identification:					none					

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of cementitious matrices using acid.

**Sample** F8-A      **Lab Number** 2023-11775- 22      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Miscellaneous      Non-fibrous Solid  
**Homogeneous** No      **# Layers** 4      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** polymer, powder, rock

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	leveling compound	30	gray	3	>1-2%	-	-	-	-	-
2	mastic	20	tan	1	n.d.	-	-	-	-	-
3	concrete	30	gray	1	n.d.	-	-	-	-	-
4	miscellaneous	20	off-white	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		<=1%	-	-	-	-	-
<b>Fiber Identification:</b>					cellulose fiber					

Fibers									Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per	
1	W	F	N	N	H	+	U						
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of polymer matrix using solvent.

**Sample** F8-B      **Lab Number** 2023-11775- 23      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Miscellaneous      Non-fibrous Solid  
**Homogeneous** No      **# Layers** 4      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** polymer, powder, rock

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	leveling compound	30	gray	3	>1-2%	-	-	-	-	-
2	mastic	20	tan	1	n.d.	-	-	-	-	-
3	concrete	30	gray	1	n.d.	-	-	-	-	-
4	miscellaneous	20	off-white	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		<=1%	-	-	-	-	-
<b>Fiber Identification:</b>					cellulose fiber					

Fibers									Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per	
1	W	F	N	N	H	+	U						
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of polymer matrix using solvent.

**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** F8-C      **Lab Number** 2023-11775- 24      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Miscellaneous      Non-fibrous Solid  
**Homogeneous** No      **# Layers** 3      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** polymer, powder, rock

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	leveling compound	10	gray	3	>1-2%	-	-	-	-	-
2	mastic	80	tan	1	n.d.	-	-	-	-	-
3	concrete	10	gray	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		<=1%	-	-	-	-	-
<b>Fiber Identification:</b>					cellulose fiber					

Fibers								Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per
1	cellulose fiber	W	F	N	N	H	+	U				
2												
3												
4												
5												
6												

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of polymer matrix using solvent.

**Sample** F9-A      **Lab Number** 2023-11775- 25      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Cementitious      Non-fibrous Solid  
**Homogeneous** Yes      **# Layers** 1      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, rock,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	concrete	100	gray	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b>					none					

Fibers								Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per
1	none											
2												
3												
4												
5												
6												

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of matrix using dilute HCl acid.

**Sample** F9-B      **Lab Number** 2023-11775- 26      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Cementitious      Non-fibrous Solid  
**Homogeneous** Yes      **# Layers** 1      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, rock,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	concrete	100	gray	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b>					none					

Fibers								Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per
1	none											
2												
3												
4												
5												
6												

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of matrix using dilute HCl acid.

**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** F9-C      **Lab Number** 2023-11775- 27      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Cementitious      Non-fibrous Solid  
**Homogeneous** Yes      **# Layers** 1      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, rock,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	concrete	100	gray	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b>					none					

Fibers									Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per	
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of matrix using dilute HCl acid.

**Sample** W1-A      **Lab Number** 2023-11775- 28      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Wall System      Fibrous Solid  
**Homogeneous** No      **# Layers** 6      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	5	off-white	1	n.d.	-	-	-	-	-
2	texture/joint compound	10	white	3	n.d.	-	-	-	-	-
3	paint	10	various	1	n.d.	-	-	-	-	-
4	texture/joint compound	10	white	3	n.d.	-	-	-	-	-
5	paint	5	orange	1	n.d.	-	-	-	-	-
6	plaster	60	brown	2	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b>					none					

Fibers									Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per	
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of joint compound/texture matrix using acid.

**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** W1-B      **Lab Number** 2023-11775- 29      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Wall System      **Fibrous Solid**  
**Homogeneous** No      **# Layers** 6      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	5	off-white	1	n.d.	-	-	-	-	-
2	texture/joint compound	10	white	3	n.d.	-	-	-	-	-
3	paint	10	various	1	n.d.	-	-	-	-	-
4	texture/joint compound	10	white	3	n.d.	-	-	-	-	-
5	paint	5	orange	1	n.d.	-	-	-	-	-
6	plaster	60	brown	2	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-

**Fiber Identification:** none

Fibers									Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per	
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**

Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of joint compound/texture matrix using acid.

**Sample** W1-C      **Lab Number** 2023-11775- 30      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Wall System      **Fibrous Solid**  
**Homogeneous** No      **# Layers** 4      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	1	off-white	1	n.d.	-	-	-	-	-
2	texture/joint compound	4	white	3	n.d.	-	-	-	-	-
3	paper/cardboard	5	tan	2	90-100%	-	-	-	-	-
4	drywall core	90	white	3	<=1%	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		5-10%	-	-	-	-	-

**Fiber Identification:** cellulose fiber

Fibers									Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per	
1	cellulose fiber	W	F	N	N	H	+	U					
2													
3													
4													
5													
6													

**Sample Analytical Note**

Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of joint compound/texture matrix using acid.



**Sample** W2-A      **Lab Number** 2023-11775- 31      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Wall System      **Fibrous Solid**  
**Homogeneous** No      **# Layers** 4      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	1	off-white	1	n.d.	-	-	-	-	-
2	texture/joint compound	4	white	3	n.d.	-	-	-	-	-
3	paper/cardboard	5	tan	2	90-100%	-	-	-	-	-
4	drywall core	90	white	3	<=1%	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		5-10%	-	-	-	-	-
<b>Fiber Identification:</b>					cellulose fiber					

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	cellulose fiber	W	F	N	N	H	+	U					
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of joint compound/texture matrix using acid.

**Sample** W2-B      **Lab Number** 2023-11775- 32      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Wall System      **Fibrous Solid**  
**Homogeneous** No      **# Layers** 4      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	1	off-white	1	n.d.	-	-	-	-	-
2	texture/joint compound	4	white	3	n.d.	-	-	-	-	-
3	paper/cardboard	5	tan	2	90-100%	-	-	-	-	-
4	drywall core	90	white	3	<=1%	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		5-10%	-	-	-	-	-
<b>Fiber Identification:</b>					cellulose fiber					

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	cellulose fiber	W	F	N	N	H	+	U					
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of joint compound/texture matrix using acid.

**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** W2-C      **Lab Number** 2023-11775- 33      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Wall System      **Fibrous Solid**  
**Homogeneous** No      **# Layers** 4      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	1	off-white	1	n.d.	-	-	-	-	-
2	texture/joint compound	4	white	3	n.d.	-	-	-	-	-
3	paper/cardboard	5	tan	2	90-100%	-	-	-	-	-
4	drywall core	90	tan	3	<=1%	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		5-10%	-	-	-	-	-
<b>Fiber Identification:</b>					cellulose fiber					

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	cellulose fiber	W	F	N	N	H	+	U					
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of joint compound/texture matrix using acid.

**Sample** W3-A      **Lab Number** 2023-11775- 34      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Wall System      **Fibrous Solid**  
**Homogeneous** No      **# Layers** 4      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	1	off-white	1	n.d.	-	-	-	-	-
2	texture/joint compound	4	white	3	n.d.	-	-	-	-	-
3	paper/cardboard	5	tan	2	90-100%	-	-	-	-	-
4	drywall core	90	white	3	<=1%	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		5-10%	-	-	-	-	-
<b>Fiber Identification:</b>					cellulose fiber					

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	cellulose fiber	W	F	N	N	H	+	U					
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of joint compound/texture matrix using acid.

**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** W3-B      **Lab Number** 2023-11775- 35      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Wall System      **Fibrous Solid**  
**Homogeneous** No      **# Layers** 4      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	1	off-white	1	n.d.	-	-	-	-	-
2	texture/joint compound	4	white	3	n.d.	-	-	-	-	-
3	paper/cardboard	5	tan	2	90-100%	-	-	-	-	-
4	drywall core	90	tan	3	<=1%	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		5-10%	-	-	-	-	-

**Fiber Identification:** cellulose fiber

Fibers									Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per	
1	cellulose fiber	W	F	N	N	H	+	U					
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of joint compound/texture matrix using acid.

**Sample** W3-C      **Lab Number** 2023-11775- 36      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Wall System      **Fibrous Solid**  
**Homogeneous** No      **# Layers** 4      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	1	off-white	1	n.d.	-	-	-	-	-
2	texture/joint compound	4	white	3	n.d.	-	-	-	-	-
3	paper/cardboard	5	tan	2	90-100%	-	-	-	-	-
4	drywall core	90	tan	3	<=1%	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		5-10%	-	-	-	-	-

**Fiber Identification:** cellulose fiber

Fibers									Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per	
1	cellulose fiber	W	F	N	N	H	+	U					
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of joint compound/texture matrix using acid.

**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** W4-A      **Lab Number** 2023-11775- 37      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Cementitious      Non-fibrous Solid  
**Homogeneous** No      **# Layers** 2      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, rock, binder

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	1	off-white	1	n.d.	-	-	-	-	-
2	concrete	99	gray	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
Fiber Identification:					none					

Fibers								Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per
1	none											
2												
3												
4												
5												
6												

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of polymer matrix using solvent. Procedure: dissolution of stucco matrix using acid.

**Sample** W4-B      **Lab Number** 2023-11775- 38      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Cementitious      Non-fibrous Solid  
**Homogeneous** No      **# Layers** 2      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, rock, binder

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	1	off-white	1	n.d.	-	-	-	-	-
2	concrete	99	gray	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
Fiber Identification:					none					

Fibers								Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per
1	none											
2												
3												
4												
5												
6												

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of polymer matrix using solvent. Procedure: dissolution of stucco matrix using acid.

**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** W4-C      **Lab Number** 2023-11775- 39      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Cementitious      Non-fibrous Solid  
**Homogeneous** No      **# Layers** 3      **Asbestos Detected?** Yes  
**Non-Fibrous Components (in approx. decreasing order):** powder, rock, binder

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	1.5	off-white	1	n.d.	-	-	-	-	-
2	texture/joint compound	0.5	white	3	<=1%	-	-	-	-	-
3	concrete	98	gray	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		<=1%	-	-	-	-	-
<b>Fiber Identification:</b>					chrysotile asbestos					

Fibers									Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per	
1	chrysotile asbestos	W	A	N	N	L	+	P	1.550	db/ly	sb/o	1.561	1.553
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of polymer matrix using solvent. Procedure: dissolution of stucco matrix using acid.  
 Note: layer 2 is too thin to point count. Visual estimate only.

**Sample** W5-A      **Lab Number** 2023-11775- 40      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Wall System      Fibrous Solid  
**Homogeneous** No      **# Layers** 4      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	1	off-white	1	n.d.	-	-	-	-	-
2	texture/joint compound	4	white	3	n.d.	-	-	-	-	-
3	paper/cardboard	5	tan	2	90-100%	-	-	-	-	-
4	drywall core	90	white	3	<=1%	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		5-10%	-	-	-	-	-
<b>Fiber Identification:</b>					cellulose fiber					

Fibers									Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per	
1	cellulose fiber	W	F	N	N	H	+	U					
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of joint compound/texture matrix using acid.

**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** W5-B      **Lab Number** 2023-11775- 41      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Wall System      **Fibrous Solid**  
**Homogeneous** No      **# Layers** 4      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	1	off-white	1	n.d.	-	-	-	-	-
2	texture/joint compound	4	white	3	n.d.	-	-	-	-	-
3	paper/cardboard	5	tan	2	90-100%	-	-	-	-	-
4	drywall core	90	white	3	<=1%	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		5-10%	-	-	-	-	-

**Fiber Identification:** cellulose fiber

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	cellulose fiber	W	F	N	N	H	+	U					
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of joint compound/texture matrix using acid.

**Sample** W5-C      **Lab Number** 2023-11775- 42      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Wall System      **Fibrous Solid**  
**Homogeneous** No      **# Layers** 4      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	1	off-white	1	n.d.	-	-	-	-	-
2	texture/joint compound	4	white	3	n.d.	-	-	-	-	-
3	paper/cardboard	5	tan	2	90-100%	-	-	-	-	-
4	drywall core	90	white	3	<=1%	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		5-10%	-	-	-	-	-

**Fiber Identification:** cellulose fiber

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	cellulose fiber	W	F	N	N	H	+	U					
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of joint compound/texture matrix using acid.

**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** W6-A      **Lab Number** 2023-11775- 43      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Wall System      Non-fibrous Solid  
**Homogeneous** No      **# Layers** 3      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, rock, binder

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	2	off-white	1	n.d.	-	-	-	-	-
2	plaster (top coat)	18	white	2	<=1%	-	-	-	-	-
3	plaster (scratch coat)	80	gray	2	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		<=1%	-	-	-	-	-
<b>Fiber Identification:</b>					synthetic fiber (extr)					

Fibers								Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per
1	synthetic fiber (extruded)	W	E	N	N	H	+	P				
2												
3												
4												
5												
6												

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of plaster matrix using acid.

**Sample** W6-B      **Lab Number** 2023-11775- 44      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Wall System      Non-fibrous Solid  
**Homogeneous** No      **# Layers** 2      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, rock, binder

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	2	off-white	1	n.d.	-	-	-	-	-
2	plaster	98	gray	2	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b>					none					

Fibers								Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per
1	none											
2												
3												
4												
5												
6												

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of plaster matrix using acid.

**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** W6-C      **Lab Number** 2023-11775- 45      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Wall System      Non-fibrous Solid  
**Homogeneous** No      **# Layers** 2      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, rock, binder

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	2	off-white	1	n.d.	-	-	-	-	-
2	plaster	98	gray	2	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b> none										

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of plaster matrix using acid.

**Sample** W7-A      **Lab Number** 2023-11775- 46      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Wall System      Fibrous Solid  
**Homogeneous** No      **# Layers** 2      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paper/cardboard	5	tan	2	90-100%	-	-	-	-	-
2	drywall core	95	white	3	<=1%	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		5-10%	-	-	-	-	-
<b>Fiber Identification:</b> cellulose fiber										

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	cellulose fiber	W	F	N	N	H	+	U					
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps.

**Sample** W7-B      **Lab Number** 2023-11775- 47      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Wall System      Fibrous Solid  
**Homogeneous** No      **# Layers** 2      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paper/cardboard	5	tan	2	90-100%	-	-	-	-	-
2	drywall core	95	white	3	<=1%	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		5-10%	-	-	-	-	-
<b>Fiber Identification:</b> cellulose fiber										

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	cellulose fiber	W	F	N	N	H	+	U					
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps.



**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** W7-C      **Lab Number** 2023-11775- 48      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Wall System      **Fibrous Solid**  
**Homogeneous** No      **# Layers** 2      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paper/cardboard	5	tan	2	90-100%	-	-	-	-	-
2	drywall core	95	white	3	<=1%	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		5-10%	-	-	-	-	-
<b>Fiber Identification:</b>					cellulose fiber					

Fibers									Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per	
1	cellulose fiber	W	F	N	N	H	+	U					
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: teased apart using forceps.

**Sample** W8-A      **Lab Number** 2023-11775- 49      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Wall System      **Fibrous Solid**  
**Homogeneous** No      **# Layers** 4      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	1	off-white	1	n.d.	-	-	-	-	-
2	texture/joint compound	4	white	3	n.d.	-	-	-	-	-
3	paper/cardboard	5	tan	2	90-100%	-	-	-	-	-
4	drywall core	90	white	3	<=1%	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		5-10%	-	-	-	-	-
<b>Fiber Identification:</b>					cellulose fiber					

Fibers									Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per	
1	cellulose fiber	W	F	N	N	H	+	U					
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: teased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of joint compound/texture matrix using acid.

**Sample** W8-B      **Lab Number** 2023-11775- 50      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Wall System      **Fibrous Solid**  
**Homogeneous** No      **# Layers** 4      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	1	off-white	1	n.d.	-	-	-	-	-
2	texture/joint compound	4	white	3	n.d.	-	-	-	-	-
3	paper/cardboard	5	tan	2	90-100%	-	-	-	-	-
4	drywall core	90	white	3	<=1%	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		5-10%	-	-	-	-	-

Fiber Identification: cellulose fiber

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	cellulose fiber	W	F	N	N	H	+	U					
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of joint compound/texture matrix using acid.

**Sample** W8-C      **Lab Number** 2023-11775- 51      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Wall System      **Fibrous Solid**  
**Homogeneous** No      **# Layers** 6      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	1	green	1	n.d.	-	-	-	-	-
2	texture/joint compound	2	white	3	n.d.	-	-	-	-	-
3	paper/cardboard	3	off-white	2	90-100%	-	-	-	-	-
4	texture/joint compound	2	white	3	n.d.	-	-	-	-	-
5	paper/cardboard	5	tan	2	90-100%	-	-	-	-	-
6	drywall core	87	white	3	<=1%	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		5-10%	-	-	-	-	-

Fiber Identification: cellulose fiber

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	cellulose fiber	W	F	N	N	H	+	U					
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of joint compound/texture matrix using acid.

**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** W9-A      **Lab Number** 2023-11775- 52      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Miscellaneous      Rubbery  
**Homogeneous** No      **# Layers** 2      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** polymer, filler,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	base cove	98	gray	1	n.d.	-	-	-	-	-
2	mastic	2	tan	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b> none										

Fibers									Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per	
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: teased apart using forceps. Procedure: dissolution of polymer matrix using solvent. Minor adhering wall paint and/or texture, etc. not analyzed.

**Sample** W9-B      **Lab Number** 2023-11775- 53      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Miscellaneous      Rubbery  
**Homogeneous** No      **# Layers** 2      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** polymer, filler,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	base cove	98	gray	1	n.d.	-	-	-	-	-
2	mastic	2	tan	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b> none										

Fibers									Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per	
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: teased apart using forceps. Procedure: dissolution of polymer matrix using solvent. Minor adhering wall paint and/or texture, etc. not analyzed.

**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** W9-C      **Lab Number** 2023-11775- 54      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Miscellaneous      Rubbery  
**Homogeneous** No      **# Layers** 2      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** polymer, filler,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	base cove	98	gray	1	n.d.	-	-	-	-	-
2	mastic	2	tan	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b> none										

Fibers								Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per
1	none											
2												
3												
4												
5												
6												

**Sample Analytical Note**  
 Procedure: teased apart using forceps. Procedure: dissolution of polymer matrix using solvent. Minor adhering wall paint and/or texture, etc. not analyzed.

**Sample** W10-A      **Lab Number** 2023-11775- 55      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Miscellaneous      Rubbery  
**Homogeneous** No      **# Layers** 2      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** polymer, filler,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	base cove	95	brown	1	n.d.	-	-	-	-	-
2	mastic	5	off-white	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b> none										

Fibers								Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per
1	none											
2												
3												
4												
5												
6												

**Sample Analytical Note**  
 Procedure: teased apart using forceps. Procedure: dissolution of polymer matrix using solvent. Minor adhering wall paint and/or texture, etc. not analyzed.

**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** W10-B      **Lab Number** 2023-11775- 56      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Miscellaneous      Rubbery  
**Homogeneous** No      **# Layers** 2      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** polymer, filler,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	base cove	95	brown	1	n.d.	-	-	-	-	-
2	mastic	5	off-white	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b> none										

Fibers								Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per
1	none											
2												
3												
4												
5												
6												

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of polymer matrix using solvent. Minor adhering wall paint and/or texture, etc. not analyzed.

**Sample** W10-C      **Lab Number** 2023-11775- 57      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Miscellaneous      Rubbery  
**Homogeneous** No      **# Layers** 2      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** polymer, filler,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	base cove	95	brown	1	n.d.	-	-	-	-	-
2	mastic	5	off-white	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b> none										

Fibers								Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per
1	none											
2												
3												
4												
5												
6												

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of polymer matrix using solvent. Minor adhering wall paint and/or texture, etc. not analyzed.

**Sample** W11-A      **Lab Number** 2023-11775- 58      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Wall System      Non-fibrous Solid  
**Homogeneous** No      **# Layers** 5      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, rock, binder

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	wall covering	18	off-white	1	60-70%	n.d.	-	-	-	-
2	paint	2	various	1	n.d.	n.d.	-	-	-	-
3	plaster	40	off-white	2	n.d.	n.d.	-	-	-	-
4	paper/cardboard	5	tan	2	n.d.	90-100%	-	-	-	-
5	drywall core	35	white	3	n.d.	<=1%	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		10-20%	5-10%	-	-	-	-
<b>Fiber Identification:</b>					synthetic fiber (extr cellulose fiber)					

Fibers									Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per	
1	synthetic fiber (extruded)	W	E	N	N	H	+	P					
2	cellulose fiber	W	F	N	N	H	+	U					
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of plaster matrix using acid.

**Sample** W11-B      **Lab Number** 2023-11775- 59      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Wall System      Non-fibrous Solid  
**Homogeneous** No      **# Layers** 3      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, rock, binder

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	wall covering	18	off-white	1	60-70%	-	-	-	-	-
2	paint	2	various	1	n.d.	-	-	-	-	-
3	plaster	80	off-white	2	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		10-20%	-	-	-	-	-
<b>Fiber Identification:</b>					synthetic fiber (extr)					

Fibers									Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per	
1	synthetic fiber (extruded)	W	E	N	N	H	+	P					
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of plaster matrix using acid.

**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** W11-C      **Lab Number** 2023-11775- 60      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Wall System      Non-fibrous Solid  
**Homogeneous** No      **# Layers** 3      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, rock, binder

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	wall covering	18	off-white	1	60-70%	-	-	-	-	-
2	paint	2	various	1	n.d.	-	-	-	-	-
3	plaster	80	off-white	2	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		10-20%	-	-	-	-	-
<b>Fiber Identification:</b>					synthetic fiber (extr)					

Fibers								Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per
1	synthetic fiber (extruded)	W	E	N	N	H	+	P				
2												
3												
4												
5												
6												

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of plaster matrix using acid.

**Sample** W12-A      **Lab Number** 2023-11775- 61      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Miscellaneous      Rubbery  
**Homogeneous** No      **# Layers** 3      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** polymer, filler,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	base cove	92	gray	1	n.d.	-	-	-	-	-
2	mastic	4	off-white	1	n.d.	-	-	-	-	-
3	mastic	4	tan	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b>					none					

Fibers								Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per
1	none											
2												
3												
4												
5												
6												

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of polymer matrix using solvent. Minor adhering wall paint and/or texture, etc. not analyzed.

**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** W12-B      **Lab Number** 2023-11775- 62      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Miscellaneous      Rubbery  
**Homogeneous** No      **# Layers** 3      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** polymer, filler,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	base cove	92	gray	1	n.d.	-	-	-	-	-
2	mastic	4	off-white	1	n.d.	-	-	-	-	-
3	mastic	4	tan	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b> none										

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of polymer matrix using solvent. Minor adhering wall paint and/or texture, etc. not analyzed.

**Sample** W12-C      **Lab Number** 2023-11775- 63      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/19/2023      **An?** OK      **Apparent Smp Type** Miscellaneous      Rubbery  
**Homogeneous** No      **# Layers** 3      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** polymer, filler,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	base cove	92	gray	1	n.d.	-	-	-	-	-
2	mastic	4	off-white	1	n.d.	-	-	-	-	-
3	mastic	4	tan	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b> none										

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of polymer matrix using solvent. Minor adhering wall paint and/or texture, etc. not analyzed.



**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** C1-A      **Lab Number** 2023-11775- 64      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Ceiling System      **Fibrous Solid**  
**Homogeneous** No      **# Layers** 6      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	4	white	1	n.d.	-	-	-	-	-
2	texture/joint compound	2	white	3	n.d.	-	-	-	-	-
3	paint	1.5	tan	1	n.d.	-	-	-	-	-
4	texture/joint compound	0.5	off-white	3	n.d.	-	-	-	-	-
5	paint	5	various	1	n.d.	-	-	-	-	-
6	plaster	87	brown	2	<=1%	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		<=1%	-	-	-	-	-
<b>Fiber Identification:</b> cellulose fiber										

Fibers									Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per	
1	cellulose fiber	W	F	N	N	H	+	U					
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of joint compound/texture matrix using acid. Note: sample size for layer 4 was too small - analysis may not be representative of whole.

**Sample** C1-B      **Lab Number** 2023-11775- 65      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Ceiling System      **Fibrous Solid**  
**Homogeneous** No      **# Layers** 6      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	4	white	1	n.d.	-	-	-	-	-
2	texture/joint compound	2	white	3	n.d.	-	-	-	-	-
3	paint	1.5	tan	1	n.d.	-	-	-	-	-
4	texture/joint compound	0.5	off-white	3	n.d.	-	-	-	-	-
5	paint	5	various	1	n.d.	-	-	-	-	-
6	plaster	87	brown	2	<=1%	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		<=1%	-	-	-	-	-
<b>Fiber Identification:</b> cellulose fiber										

Fibers									Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per	
1	cellulose fiber	W	F	N	N	H	+	U					
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of joint compound/texture matrix using acid. Note: sample size for layer 4 was too small - analysis may not be representative of whole.

**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** C1-C      **Lab Number** 2023-11775- 66      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Ceiling System      **Fibrous Solid**  
**Homogeneous** No      **# Layers** 6      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	4	white	1	n.d.	-	-	-	-	-
2	texture/joint compound	2	white	3	n.d.	-	-	-	-	-
3	paint	1.5	tan	1	n.d.	-	-	-	-	-
4	texture/joint compound	0.5	off-white	3	n.d.	-	-	-	-	-
5	paint	5	various	1	n.d.	-	-	-	-	-
6	plaster	87	brown	2	<=1%	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		<=1%	-	-	-	-	-

**Fiber Identification:** cellulose fiber

Fibers									Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per	
1	cellulose fiber	W	F	N	N	H	+	U					
2													
3													
4													
5													
6													

**Sample Analytical Note**

Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of joint compound/texture matrix using acid. Note: sample size for layer 4 was too small - analysis may not be representative of whole.

**Sample** C2-A      **Lab Number** 2023-11775- 67      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Ceiling System      **Non-fibrous Solid**  
**Homogeneous** No      **# Layers** 3      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, rock, binder

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	2	off-white	1	n.d.	-	-	-	-	-
2	plaster (top coat)	80	white	2	n.d.	-	-	-	-	-
3	plaster (scratch coat)	18	tan	2	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-

**Fiber Identification:** none

Fibers									Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per	
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**

Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of plaster matrix using acid.

**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** C2-B      **Lab Number** 2023-11775- 68      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL 12/20/2023      **An?** OK      **Apparent Smp Type** Ceiling System      **Non-fibrous Solid**  
**Homogeneous** No      **# Layers** 5      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, rock, binder

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	5	off-white	1	n.d.	-	-	-	-	-
2	texture/joint compound	5	white	3	n.d.	-	-	-	-	-
3	paint	5	various	1	n.d.	-	-	-	-	-
4	plaster (top coat)	15	white	2	n.d.	-	-	-	-	-
5	plaster (scratch coat)	70	tan	2	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b>					none					

Fibers									Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per	
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of plaster matrix using acid.

**Sample** C2-C      **Lab Number** 2023-11775- 69      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL 12/20/2023      **An?** OK      **Apparent Smp Type** Ceiling System      **Non-fibrous Solid**  
**Homogeneous** No      **# Layers** 5      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, rock, binder

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	5	off-white	1	n.d.	-	-	-	-	-
2	texture/joint compound	5	white	3	n.d.	-	-	-	-	-
3	paint	5	various	1	n.d.	-	-	-	-	-
4	plaster (top coat)	30	white	2	n.d.	-	-	-	-	-
5	plaster (scratch coat)	55	tan	2	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b>					none					

Fibers									Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per	
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of plaster matrix using acid.

**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** C3-A      **Lab Number** 2023-11775- 70      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Ceiling System      Non-fibrous Solid  
**Homogeneous** No      **# Layers** 3      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, rock, binder

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	2	off-white	1	n.d.	-	-	-	-	-
2	plaster (top coat)	18	white	2	n.d.	-	-	-	-	-
3	plaster (scratch coat)	80	tan	2	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b> none										

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of plaster matrix using acid.

**Sample** C3-B      **Lab Number** 2023-11775- 71      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Ceiling System      Non-fibrous Solid  
**Homogeneous** No      **# Layers** 3      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, rock, binder

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	2	off-white	1	n.d.	-	-	-	-	-
2	plaster (top coat)	18	white	2	n.d.	-	-	-	-	-
3	plaster (scratch coat)	80	tan	2	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b> none										

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of plaster matrix using acid.

**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** C3-C      **Lab Number** 2023-11775- 72      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Ceiling System      **Non-fibrous Solid**  
**Homogeneous** No      **# Layers** 3      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, rock, binder

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	2	off-white	1	n.d.	-	-	-	-	-
2	plaster (top coat)	18	white	2	n.d.	-	-	-	-	-
3	plaster (scratch coat)	80	tan	2	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b> none										

Fibers									Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per	
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of plaster matrix using acid.

**Sample** C4-A      **Lab Number** 2023-11775- 73      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Wall System      **Fibrous Solid**  
**Homogeneous** No      **# Layers** 6      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	1	off-white	1	n.d.	-	-	-	-	-
2	texture/joint compound	24	white	3	n.d.	-	-	-	-	-
3	paper/cardboard	3	off-white	2	90-100%	-	-	-	-	-
4	texture/joint compound	22	white	3	n.d.	-	-	-	-	-
5	paper/cardboard	5	tan	2	90-100%	-	-	-	-	-
6	drywall core	45	white	3	<=1%	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		5-10%	-	-	-	-	-
<b>Fiber Identification:</b> cellulose fiber										

Fibers									Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per	
1	cellulose fiber	W	F	N	N	H	+	U					
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of joint compound/texture matrix using acid.

**Sample** C4-B      **Lab Number** 2023-11775- 74      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Wall System      **Fibrous Solid**  
**Homogeneous** No      **# Layers** 4      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	1	off-white	1	n.d.	-	-	-	-	-
2	texture/joint compound	39	white	3	n.d.	-	-	-	-	-
3	paper/cardboard	5	tan	2	90-100%	-	-	-	-	-
4	drywall core	55	white	3	<=1%	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		5-10%	-	-	-	-	-

**Fiber Identification:** cellulose fiber

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	cellulose fiber	W	F	N	N	H	+	U					
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of joint compound/texture matrix using acid.

**Sample** C4-C      **Lab Number** 2023-11775- 75      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Wall System      **Fibrous Solid**  
**Homogeneous** No      **# Layers** 6      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	1	off-white	1	n.d.	-	-	-	-	-
2	texture/joint compound	24	white	3	n.d.	-	-	-	-	-
3	paper/cardboard	3	off-white	2	90-100%	-	-	-	-	-
4	texture/joint compound	22	white	3	n.d.	-	-	-	-	-
5	paper/cardboard	5	tan	2	90-100%	-	-	-	-	-
6	drywall core	45	white	3	<=1%	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		5-10%	-	-	-	-	-

**Fiber Identification:** cellulose fiber

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	cellulose fiber	W	F	N	N	H	+	U					
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of joint compound/texture matrix using acid.

**Sample** C5-A      **Lab Number** 2023-11775- 76      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Acoustical Tile      **Fibrous Mat**  
**Homogeneous** No      **# Layers** 2      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** perlite, powder, binder

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	2	off-white	1	n.d.	n.d.	-	-	-	-
2	acoustical tile	98	off-white	3	20-30%	2-5%	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		20-30%	2-5%	-	-	-	-
<b>Fiber Identification:</b>					cellulose fiber	glass fiber				

Fibers		Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Refractive Index Determinations				
									Oil	Col Par	Col Per	RI Par	RI Per
1	cellulose fiber	W	F	N	N	H	+	U					
2	glass fiber	CL	D	Y									
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of acoustical tile using acid.

**Sample** C5-B      **Lab Number** 2023-11775- 77      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Acoustical Tile      **Fibrous Mat**  
**Homogeneous** No      **# Layers** 2      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** perlite, powder, binder

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	2	off-white	1	n.d.	n.d.	-	-	-	-
2	acoustical tile	98	off-white	3	20-30%	2-5%	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		20-30%	2-5%	-	-	-	-
<b>Fiber Identification:</b>					cellulose fiber	glass fiber				

Fibers		Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Refractive Index Determinations				
									Oil	Col Par	Col Per	RI Par	RI Per
1	cellulose fiber	W	F	N	N	H	+	U					
2	glass fiber	CL	D	Y									
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of acoustical tile using acid.

**Sample** C5-C      **Lab Number** 2023-11775- 78      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Acoustical Tile      **Fibrous Mat**  
**Homogeneous** No      **# Layers** 2      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** perlite, powder, binder

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	2	off-white	1	n.d.	n.d.	-	-	-	-
2	acoustical tile	98	off-white	3	20-30%	2-5%	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		20-30%	2-5%	-	-	-	-
<b>Fiber Identification:</b>					cellulose fiber	glass fiber				

Fibers		Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Refractive Index Determinations				
									Oil	Col Par	Col Per	RI Par	RI Per
1	cellulose fiber	W	F	N	N	H	+	U					
2	glass fiber	CL	D	Y									
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of paint matrix using solvent. Procedure: dissolution of acoustical tile using acid.

**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** M1-A      **Lab Number** 2023-11775- 79      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Adhesive/caulk      Non-fibrous Solid  
**Homogeneous** Yes      **# Layers** 1      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** filler, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	sealant	100	gray	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b>					none					

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of matrix using solvent. Minor adhering wall materials, paint and/or texture, etc. were not analyzed.

**Sample** M1-B      **Lab Number** 2023-11775- 80      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Adhesive/caulk      Non-fibrous Solid  
**Homogeneous** Yes      **# Layers** 1      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** filler, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	sealant	100	gray	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b>					none					

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of matrix using solvent. Minor adhering wall materials, paint and/or texture, etc. were not analyzed.

**Sample** M1-C      **Lab Number** 2023-11775- 81      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Adhesive/caulk      Non-fibrous Solid  
**Homogeneous** Yes      **# Layers** 1      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** filler, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	sealant	100	gray	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b>					none					

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of matrix using solvent. Minor adhering wall materials, paint and/or texture, etc. were not analyzed.



**Sample** M2-A      **Lab Number** 2023-11775- 82      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Surfacing      Rubbery  
**Homogeneous** No      **# Layers** 2      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** filler, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	coating	2	clear	1	n.d.	-	-	-	-	-
2	membrane	98	black	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b> none										

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of matrix using solvent.

**Sample** M2-B      **Lab Number** 2023-11775- 83      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Surfacing      Rubbery  
**Homogeneous** No      **# Layers** 2      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** filler, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	coating	2	clear	1	n.d.	-	-	-	-	-
2	membrane	98	black	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b> none										

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of matrix using solvent.

**Sample** M2-C      **Lab Number** 2023-11775- 84      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Surfacing      Rubbery  
**Homogeneous** No      **# Layers** 2      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** filler, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	coating	2	clear	1	n.d.	-	-	-	-	-
2	membrane	98	black	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b> none										

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of matrix using solvent.

**Sample** M3-A      **Lab Number** 2023-11775- 85      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Adhesive/caulk      Non-fibrous Solid  
**Homogeneous** Yes      **# Layers** 1      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** filler, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	caulk	100	off-white	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b>					none					

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of matrix using solvent. Minor adhering wall materials, paint and/or texture, etc. were not analyzed.

**Sample** M3-B      **Lab Number** 2023-11775- 86      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Adhesive/caulk      Non-fibrous Solid  
**Homogeneous** Yes      **# Layers** 1      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** filler, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	caulk	100	off-white	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b>					none					

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of matrix using solvent. Minor adhering wall materials, paint and/or texture, etc. were not analyzed.

**Sample** M3-C      **Lab Number** 2023-11775- 87      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Adhesive/caulk      Non-fibrous Solid  
**Homogeneous** Yes      **# Layers** 1      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** filler, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	caulk	100	off-white	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b>					none					

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of matrix using solvent. Minor adhering wall materials, paint and/or texture, etc. were not analyzed.

PLM Analysis Details

Job Number: 202311775

Gila County Copper Corridor Blight Bus

**Sample** M4-A      **Lab Number** 2023-11775- 88      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Adhesive/caulk      Sticky  
**Homogeneous** Yes      **# Layers** 1      **Asbestos Detected?** Yes  
**Non-Fibrous Components (in approx. decreasing order):** filler, polymer,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	mastic	100	black	1	20-30%	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		20-30%	-	-	-	-	-
<b>Fiber Identification:</b>					chrysotile asbestos					

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	chrysotile asbestos	W	A	N	N	L	+	P	1.550	db/ly	sb/o	1.561	1.553
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of matrix using solvent.

**Sample** M4-B      **Lab Number** 2023-11775- 89      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Adhesive/caulk      Sticky  
**Homogeneous** Yes      **# Layers** 1      **Asbestos Detected?** Yes  
**Non-Fibrous Components (in approx. decreasing order):** filler, polymer,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	mastic	100	black	1	20-30%	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		20-30%	-	-	-	-	-
<b>Fiber Identification:</b>					chrysotile asbestos					

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	chrysotile asbestos	W	A	N	N	L	+	P	1.550	db/ly	sb/o	1.561	1.553
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of matrix using solvent.

**Sample** M4-C      **Lab Number** 2023-11775- 90      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Adhesive/caulk      Sticky  
**Homogeneous** Yes      **# Layers** 1      **Asbestos Detected?** Yes  
**Non-Fibrous Components (in approx. decreasing order):** filler, polymer,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	mastic	100	black	1	20-30%	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		20-30%	-	-	-	-	-
<b>Fiber Identification:</b>					chrysotile asbestos					

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	chrysotile asbestos	W	A	N	N	L	+	P	1.550	db/ly	sb/o	1.561	1.553
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of matrix using solvent.

**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** M5-A      **Lab Number** 2023-11775- 91      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Adhesive/caulk      Non-fibrous Solid  
**Homogeneous** Yes      **# Layers** 1      **Asbestos Detected?** Yes  
**Non-Fibrous Components (in approx. decreasing order):** filler, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	sealant	100	gray	1	5-10%	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		5-10%	-	-	-	-	-
<b>Fiber Identification:</b>					chrysotile asbestos					

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	chrysotile asbestos	W	A	N	N	L	+	P	1.550	db/ly	sb/o	1.561	1.553
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of matrix using solvent.

**Sample** M5-B      **Lab Number** 2023-11775- 92      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Adhesive/caulk      Non-fibrous Solid  
**Homogeneous** Yes      **# Layers** 1      **Asbestos Detected?** Yes  
**Non-Fibrous Components (in approx. decreasing order):** filler, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	sealant	100	gray	1	5-10%	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		5-10%	-	-	-	-	-
<b>Fiber Identification:</b>					chrysotile asbestos					

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	chrysotile asbestos	W	A	N	N	L	+	P	1.550	db/ly	sb/o	1.561	1.553
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of matrix using solvent.

**Sample** M5-C      **Lab Number** 2023-11775- 93      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Adhesive/caulk      Non-fibrous Solid  
**Homogeneous** Yes      **# Layers** 1      **Asbestos Detected?** Yes  
**Non-Fibrous Components (in approx. decreasing order):** filler, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	sealant	100	gray	1	5-10%	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		5-10%	-	-	-	-	-
<b>Fiber Identification:</b>					chrysotile asbestos					

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	chrysotile asbestos	W	A	N	N	L	+	P	1.550	db/ly	sb/o	1.561	1.553
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of matrix using solvent.

**Sample** M6-A      **Lab Number** 2023-11775- 94      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Carpet      **Fibrous Mat**  
**Homogeneous** No      **# Layers** 2      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** binder, polymer, filler

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	carpet	99	various	2	80-90%	-	-	-	-	-
2	mastic	1	tan	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		80-90%	-	-	-	-	-
<b>Fiber Identification:</b>					synthetic fiber (extr)					

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	synthetic fiber (extruded)	V	E	N	N	H	+	P					
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of carpet matrix and mastic using solvent.

**Sample** M6-B      **Lab Number** 2023-11775- 95      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Carpet      **Fibrous Mat**  
**Homogeneous** No      **# Layers** 2      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** binder, polymer, filler

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	carpet	99	various	2	80-90%	-	-	-	-	-
2	mastic	1	tan	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		80-90%	-	-	-	-	-
<b>Fiber Identification:</b>					synthetic fiber (extr)					

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	synthetic fiber (extruded)	V	E	N	N	H	+	P					
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of carpet matrix and mastic using solvent.

**Sample** M6-C      **Lab Number** 2023-11775- 96      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Carpet      **Fibrous Mat**  
**Homogeneous** No      **# Layers** 2      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** binder, polymer, filler

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	carpet	99	various	2	80-90%	-	-	-	-	-
2	mastic	1	tan	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		80-90%	-	-	-	-	-
<b>Fiber Identification:</b>					synthetic fiber (extr)					

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	synthetic fiber (extruded)	V	E	N	N	H	+	P					
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of carpet matrix and mastic using solvent.

**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** M7-A      **Lab Number** 2023-11775- 97      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Wall System      Non-fibrous Solid  
**Homogeneous** Yes      **# Layers** 1      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, rock,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	stucco	100	gray	2	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
Fiber Identification: none										

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of matrix using dilute HCl acid.

**Sample** M7-B      **Lab Number** 2023-11775- 98      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Wall System      Non-fibrous Solid  
**Homogeneous** Yes      **# Layers** 1      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, rock,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	stucco	100	gray	2	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
Fiber Identification: none										

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of matrix using dilute HCl acid.

**Sample** M7-C      **Lab Number** 2023-11775- 99      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Wall System      Non-fibrous Solid  
**Homogeneous** Yes      **# Layers** 1      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, rock,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	stucco	100	gray	2	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
Fiber Identification: none										

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of matrix using dilute HCl acid.

**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** M8-A      **Lab Number** 2023-11775- 100      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Cementitious      Non-fibrous Solid  
**Homogeneous** No      **# Layers** 2      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, rock, binder

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	10	tan	1	n.d.	-	-	-	-	-
2	stucco	90	gray	2	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
Fiber Identification:					none					

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of polymer matrix using solvent. Procedure: dissolution of stucco matrix using acid.

**Sample** M8-B      **Lab Number** 2023-11775- 101      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Cementitious      Non-fibrous Solid  
**Homogeneous** No      **# Layers** 2      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, rock, binder

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	10	tan	1	n.d.	-	-	-	-	-
2	stucco	90	gray	2	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
Fiber Identification:					none					

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of polymer matrix using solvent. Procedure: dissolution of stucco matrix using acid.

**Sample** M8-C      **Lab Number** 2023-11775- 102      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Cementitious      Non-fibrous Solid  
**Homogeneous** No      **# Layers** 2      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, rock, binder

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	paint	10	tan	1	n.d.	-	-	-	-	-
2	stucco	90	gray	2	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
Fiber Identification:					none					

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of polymer matrix using solvent. Procedure: dissolution of stucco matrix using acid.

**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** M9-A      **Lab Number** 2023-11775- 103      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Cementitious      Non-fibrous Solid  
**Homogeneous** Yes      **# Layers** 1      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, rock,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	concrete	100	gray	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
Fiber Identification: none										

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of matrix using dilute HCl acid.

**Sample** M9-B      **Lab Number** 2023-11775- 104      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Cementitious      Non-fibrous Solid  
**Homogeneous** Yes      **# Layers** 1      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, rock,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	concrete	100	gray	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
Fiber Identification: none										

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of matrix using dilute HCl acid.

**Sample** M9-C      **Lab Number** 2023-11775- 105      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Cementitious      Non-fibrous Solid  
**Homogeneous** Yes      **# Layers** 1      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** powder, rock,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	concrete	100	gray	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
Fiber Identification: none										

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of matrix using dilute HCl acid.



**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** M10-A      **Lab Number** 2023-11775- 106      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** TSI      Non-fibrous Solid  
**Homogeneous** No      **# Layers** 3      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** polymer, filler,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	mastic	1	clear	1	n.d.	-	-	-	-	-
2	metal	1	silver	1	n.d.	-	-	-	-	-
3	sealant	98	off-white	1	2-5%	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		2-5%	-	-	-	-	-
<b>Fiber Identification:</b>					cellulose fiber					

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	cellulose fiber	W	F	N	N	H	+	U					
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of polymer matrix using solvent.

**Sample** M10-B      **Lab Number** 2023-11775- 107      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** TSI      Non-fibrous Solid  
**Homogeneous** No      **# Layers** 3      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** polymer, filler,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	mastic	1	clear	1	n.d.	-	-	-	-	-
2	metal	1	silver	1	n.d.	-	-	-	-	-
3	sealant	98	off-white	1	2-5%	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		2-5%	-	-	-	-	-
<b>Fiber Identification:</b>					cellulose fiber					

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	cellulose fiber	W	F	N	N	H	+	U					
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of polymer matrix using solvent.

**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** M10-C      **Lab Number** 2023-11775- 108      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** TSI      Non-fibrous Solid  
**Homogeneous** No      **# Layers** 3      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** polymer, filler,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	mastic	1	clear	1	n.d.	-	-	-	-	-
2	metal	1	silver	1	n.d.	-	-	-	-	-
3	sealant	98	off-white	1	2-5%	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		2-5%	-	-	-	-	-
<b>Fiber Identification:</b>					cellulose fiber					

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	cellulose fiber	W	F	N	N	H	+	U					
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of polymer matrix using solvent.

**Sample** M11-A      **Lab Number** 2023-11775- 109      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Adhesive/caulk      Non-fibrous Solid  
**Homogeneous** Yes      **# Layers** 1      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** filler, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	sealant	100	white	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b>					none					

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of matrix using solvent.

**Sample** M11-B      **Lab Number** 2023-11775- 110      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Adhesive/caulk      Non-fibrous Solid  
**Homogeneous** Yes      **# Layers** 1      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** filler, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	sealant	100	white	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b>					none					

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of matrix using solvent.

**PLM Analysis Details**

**Job Number: 202311775**

Gila County Copper Corridor Blight Bus

**Sample** M11-C      **Lab Number** 2023-11775- 111      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Adhesive/caulk      Non-fibrous Solid  
**Homogeneous** Yes      **# Layers** 1      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** filler, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	sealant	100	white	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
Fiber Identification:					none					

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of matrix using solvent.

**Sample** M12-A      **Lab Number** 2023-11775- 112      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Adhesive/caulk      Non-fibrous Solid  
**Homogeneous** Yes      **# Layers** 1      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** filler, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	putty	100	off-white	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
Fiber Identification:					none					

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of matrix using solvent. Minor adhering wall materials, paint and/or texture, etc. were not analyzed.

**Sample** M12-B      **Lab Number** 2023-11775- 113      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Adhesive/caulk      Non-fibrous Solid  
**Homogeneous** Yes      **# Layers** 1      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** filler, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	putty	100	off-white	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
Fiber Identification:					none					

Fibers									Refractive Index Determinations				
	Color	Mrph	Iso	Pleo	Bi	Elg	Ext		Oil	Col Par	Col Per	RI Par	RI Per
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of matrix using solvent. Minor adhering wall materials, paint and/or texture, etc. were not analyzed.

**Sample** M12-C      **Lab Number** 2023-11775- 114      **Sampled:** 12/15/2023      **Condition:** acceptable  
**Analyzed By** VTL    12/20/2023      **An?** OK      **Apparent Smp Type** Adhesive/caulk      Non-fibrous Solid  
**Homogeneous** Yes      **# Layers** 1      **Asbestos Detected?** No  
**Non-Fibrous Components (in approx. decreasing order):** filler, binder,

Layers					Calibrated Visual Estimate of Percents of Each Fiber					
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	putty	100	off-white	1	n.d.	-	-	-	-	-
<b>Total %</b>		100	<b>Overall %</b>		n.d.	-	-	-	-	-
<b>Fiber Identification:</b>					none					

Fibers									Refractive Index Determinations				
#	Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Oil	Col Par	Col Per	RI Par	RI Per	
1	none												
2													
3													
4													
5													
6													

**Sample Analytical Note**  
 Procedure: tweased apart using forceps. Procedure: dissolution of matrix using solvent. Minor adhering wall materials, paint and/or texture, etc. were not analyzed.

Fr=Friability: 1=very non-friable; 2= non-friable; 3=friable; 4=highly friable  
 Colors: B=black;BL=blue;BR=brown;CL=clear;G=Green;GY=gray;OR=orange;OW=off-white;PN=pink;PU=purple;R=red;TN=tan;W=white;Y=yellow;V=various  
 Fiber Morphology: A=fine fibers/bundles, white, sinewy, flexible; B=fine fibers/bundles, w-br, straight, broomed ends; C=fine fibers/bundles, blue, straight, broomed ends;  
 D=fine to coarse fibers, CL-B, brittle; E=coarse fibers,CL or dyed, striated; F=coarse fibers or splinters, W-BR, ribbon-like; G=lath-like or shards, low aspect ratio, may taper  
 Iso=isotropism - may be yes or no; Pleo=pleochroism - may be yes or no; Bi=birefringence - may be None, Low, Medium or High  
 Elg=sign of elongation - may be +, - or B (both); Ext=extinction - may be Parallel, Oblique, None or Undulating; Oil=medium used to for dispersion staining  
 Col Par=dispersion staining colors parallel to the fiber (fiber/halo): b/w=black/white; dg/py=dark gray/pale yellow; vg/y=violet gray/yellow; db/ly=dark blue/lemon yellow; vb/g= vivid blue/gold; sb/o=sky blue/orange; pb/r=pale blue/red; gb/dr=gray blue/dark red; w/b=white/black. Col Perp=same only perpendicular to fiber.  
 RI Par=refractive index parallel to fiber; RI Perp=refractive index perpendicular to fiber



**Analyst:** VLAD T. LASLO

Printed: 20-Dec-23

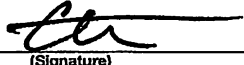
Original Print Date: 20-Dec-23




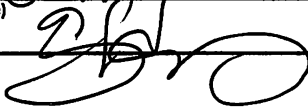
Larry S. Pierce, Approved Accreditation Signatory



## PLM - CHAIN OF CUSTODY

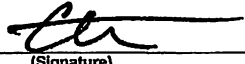
Project Name: Gila County Copper Corridor Blight Busters Project Number: 1052000242, Phase 9  
 Project Location: Michaelson Bldg- Globe, AZ Sample Date: 12/15/2023  
 Turn-Around Time/Due Date: Normal Turn Around Time  
 Special Instructions: Contact - Julie Powers, julie.powers@concatlas.com  
Teresa Harris @concatlas.com  
 Samples Collected by: Chad wells   
(Print Name) (Signature)

SAMPLE NUMBER	LAB ID	MATERIAL DESCRIPTION	SAMPLE LOCATION
F1-A		Vinyl Floor Tile + Mastic	
B		"	
C		"	
F2-A		Vinyl Sheet Flooring	
B		"	
C		"	
F3-A		Residual Floor Mastic	
B		"	
C		"	
F4-A		Carpet + Mastic	
B		"	
C		"	
F5-A		Vinyl Sheet Flooring	
B		"	
C		"	
F6-A		Floor Coating	
B		"	
C		"	
F7-A		Ceramic Tile + Grout	
B		"	
C		"	
F8-A		Residual Vinyl Sheet Flooring Backing with Mastic	
B		" " "	
C		" " "	
F9-A		Concrete	
B		"	
C		"	
W1-A		Plaster Walls	
B		"	
C		"	

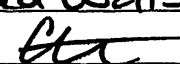
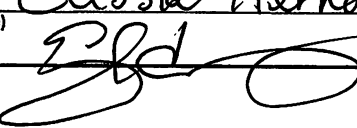
Relinquished by:	Received by:	Date/Time:
(Print) <u>Chad wells</u>	(Print) <u>Blissia Hernandez</u>	<u>12.15.23</u>
(Signature) 	(Signature) 	<u>9:49</u>



## PLM - CHAIN OF CUSTODY

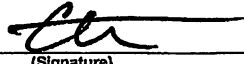
Project Name: Gila County Copper Corridor Blight Busts Project Number: 1052000242, Phase 9  
 Project Location: Michaelson Bldg - Globe, AZ Sample Date: 12/15/2023  
 Turn-Around Time/Due Date: Normal Turn Around Time  
 Special Instructions: Contact - Julie Powers, julie.powers@concatlas.com  
Teresa.Harris@concatlas.com  
 Samples Collected by: Chad wells   
(Print Name) (Signature)

SAMPLE NUMBER	LAB ID	MATERIAL DESCRIPTION	SAMPLE LOCATION
W2-A		Textured Drywall	
B		"	
C		"	
W3-A		Textured Drywall	
B		"	
C		"	
W4-A		Concrete	
B		"	
C		"	
W5-A		wall Texture	
B		"	
C		"	
W6-A		Plaster walls	
B		"	
C		"	
W7-A		Plaster walls	
B		"	
C		"	
W8-A		Textured Drywall	
B		"	
C		"	
W9-A		Cove Base + Mastic	
B		"	
C		"	
W10-A		Cove Base + Mastic	
B		"	
C		"	
W11-A		Vinyl Covered Plaster	
B		"	
C		"	

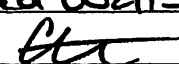
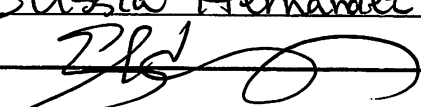
Relinquished by:	Received by:	Date/Time:
(Print) <u>Chad wells</u>	(Print) <u>Elissia Hernandez</u>	<u>12.15.23</u>
(Signature) 	(Signature) 	<u>949</u>



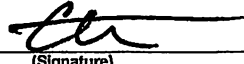
## PLM - CHAIN OF CUSTODY

Project Name: Gila County Copper Corridor Blight Bustus Project Number: 1052000242 Phase 9  
 Project Location: Michaelson Bldg - Globe, AZ Sample Date: 12/15/2023  
 Turn-Around Time/Due Date: Normal Turn Around Time  
 Special Instructions: Contact - Julie Powers, julie.powers@concatlas.com  
Teresa.Harris@concatlas.com  
 Samples Collected by: Chad wells   
(Print Name) (Signature)

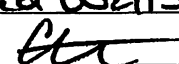
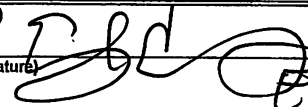
SAMPLE NUMBER	LAB ID	MATERIAL DESCRIPTION	SAMPLE LOCATION
W12-A		Cove Base + Mastic	
B		"	
C		"	
C1-A		Plaster Ceiling	
B		"	
C		"	
C2-A		Plaster Ceiling	
B		"	
C		"	
C3-A		Plaster Ceiling	
B		"	
C		"	
C4-A		Textured Drywall	
B		"	
C		"	
C5-A		Acoustical Ceiling	
B		"	
C		"	
M1-A		Door Frame Sealant	
B		"	
C		"	
M2-A		Acoustical Sink Coating	
B		"	
C		"	
M3-A		Caulking Compound	
B		"	
C		"	
M4-A		Mirror Mastic	
B		"	
C		"	

Relinquished by:	Received by:	Date/Time:
(Print) <u>Chad wells</u>	(Print) <u>Elizsia Hernandez</u>	<u>12.15.23</u>
(Signature) 	(Signature) 	<u>9:49</u>

## PLM - CHAIN OF CUSTODY

Project Name: Gila County Copper Corridor Blight Busts Project Number: 1052000242, Phase 9  
 Project Location: Michaelson Bldg - Globe, AZ Sample Date: 12/15/2023  
 Turn-Around Time/Due Date: Normal Turn Around Time  
 Special Instructions: Contact - Julie Powers, julie.powers@concatlas.com  
 Samples Collected by: Chad wells   
(Print Name) (Signature)

SAMPLE NUMBER	LAB ID	MATERIAL DESCRIPTION	SAMPLE LOCATION
M5-A		Door Frame Sealant	
	B	"	
	C	"	
M6-A		Carpet + Mastic	
	B	"	
	C	"	
M7-A		Stucco	
	B	"	
	C	"	
M8-A		Stucco	
	B	"	
	C	"	
M9-A		Concrete	
	B	"	
	C	"	
M10-A		Duct Sealant	
	B	"	
	C	"	
M11-A		Window Frame Sealant	
	B	"	
	C	"	
M12-A		Window Glazing Compound	
	B	"	
	C	"	

Relinquished by:	Received by:	Date/Time:
(Print) <u>Chad wells</u>	(Print) <u>Elisvia Hernandez</u>	<u>12-15-23</u>
(Signature) 	(Signature) 	<u>9:49</u>





**Gravimetric/Semi-Quantitative Analysis for Asbestos in Bulk Sample**

**JobNumber:** 202400846

**Client:** ATC GROUP SERVICES/ATLAS

9185 S FARMER AVE STE 111

TEMPE, AZ 85284-0000  
 Office Phone: (480) 894-2056  
 FAX: (480) 894-2497

**# Samples:** 9 **ANNEX 2 Rec:** 1/23/2024 **Method:** Bulk Asbestos Annex 2 **Gravimetry/semi-quant for asbestos**  
**Client Job:** Gila County Copper Corridor Blight Buste **PO Number:** 1052000242,Phs9  
**Report Date:** 1/30/2024 **Date Analyzed:** 1/30/2024 **Routing Number:** Michealson Bldg

**Method and Analysis Information: Fiberquant Internal SOP: Annex2**

Each sample was analyzed using gravimetric reduction and quantitation using semi-quantitative TEM and/or point count PLM, as described in method EPA/600/R-93/116. pp. 52-54. Briefly, the analysis consists of matrix reduction via ashing and acid dissolution, then identification and semi-quantitative estimation of the asbestos content of the residue by examination on the transmission electron microscope (TEM) or polarizing light microscope (PLM).

The result is given in weight percent, even though the calculations involve a combination of weight and area percents. The reporting limit/limit of detection has been nominally set at 1% during the TEM or PLM examination, despite the fact that the TEM may be able to detect levels less than 1% and the PLM point count may give raw %s less than 1. The overall limit of detection will therefore vary, depending on the degree of matrix reduction. The expected coefficient of variation is 0.30 for all samples yielding <10% residue.

The method was designed to determine whether a material is considered asbestos containing by the US EPA. The EPA defines an asbestos containing material as one that contains >1% asbestos.

The analysis was performed under an ongoing quality assurance program which includes: Lab blanks, analyzed at the rate of one per 25 samples analyzed. Each analyst has suitable background credentials, such as at least a bachelor's degree in geology or chemistry, and has undergone extensive 2-6 month training in TEM/PLM techniques and mineralogy specific to asbestos analysis before being allowed to perform client analyses. Unknown reference samples are routinely identified to ensure that each analyst can collect and correctly interpret TEM/PLM information. The TEM/PLM is aligned and its performance checked daily. Magnification, electron diffraction pattern size, and analytical performance characteristics are calibrated routinely on the TEM. Every tenth sample is analyzed in duplicate in order to determine accuracy and precision. Each analyst participates in interlab round robins and proficiency testing in order to show correlation to other lab's analyses. All quality checks performed for these samples were in control except as detailed in the "Analytical Notes" below. Fiberquant is accredited by NVLAP to perform TEM analysis of asbestos in air samples and PLM analysis of asbestos in bulk samples. Accreditation or proficiency does not imply endorsement by the EPA, any other United States governmental agency or any private agency or association. Each lab analysis refers only to the sample tested, and may not, due to the sampling process, be representative of the material sampled. This report may not be reproduced except in full, without the approval of Fiberquant Analytical Services.

The results are summarized below, and individual sample worksheets are attached.

Some results may have been calculated using client supplied data, such as volume or area sampled, for which Fiberquant assumes no liability for accuracy.

**Job Analysis Notes:**

Previously Analyzed by PLM job 202311775

**Analysis Summary:**

Client Sample Number	Lab Number	Sample Description	Percent Asbestos Overall
F1-A Lyr#1 Black Sheet Floor	2024-00846- 1	sheet flooring	< 0.01 %
F1-B Lyr#1 Black Sheet Floor	2024-00846- 2	sheet flooring	< 0.01 %
F1-C Lyr#1 Black Sheet Floor	2024-00846- 3	sheet flooring	< 0.01 %
2-A Lyr#1/#2 Tan Sheet Floo	2024-00846- 4	sheet flooring	< 0.01 %
2-B Lyr#1/#2 Tan Sheet Floo	2024-00846- 5	sheet flooring	< 0.01 %
2-C Lyr#1/#2 Tan Sheet Floo	2024-00846- 6	sheet flooring	< 0.01 %
F5-A Lyr#1/#2 Sheet Floor	2024-00846- 7	sheet flooring	< 0.01 %
F5-B Lyr#1/#2 Sheet Floor	2024-00846- 8	sheet flooring	< 0.01 %
F5-C Lyr#1/#2 Sheet Floor	2024-00846- 9	sheet flooring	< 0.01 %

**Analysis Details:**

Client Sample Number	Lab Number	Sample Description
F1-A Lyr#1 Black Sheet Floor	2024-00846- 1	sheet flooring
	crucible weight	8.81162
	crucible + sample	8.88384
	sample weight	0.07222
	crucible + sample after ashing	8.85603
	volatile weight	0.02781
	% volatile	38.5
	filter weight	0.01283
	% acid sol.	59.0
	filter + residue	0.01462
	residue weight	0.00179
	% residue	2.48
	% asb in residue	< 0.1%
	by	TEM
	type:	none
	overall % asbestos	< 0.01 %

Client Sample Number	Lab Number	Sample Description
F1-B Lyr#1 Black Sheet Floor	2024-00846- 2	sheet flooring
	crucible weight	13.38106
	crucible + sample	13.45749
	sample weight	0.07643
	crucible + sample after ashing	13.41913
	volatile weight	0.03836
	% volatile	50.2
	filter weight	0.01311
	% acid sol.	47.4
	filter + residue	0.01498
	residue weight	0.00187
	% residue	2.45
	% asb in residue	< 0.1%
	by	TEM
	type:	none
	overall % asbestos	< 0.01 %

Client Sample Number	Lab Number	Sample Description
F1-C Lyr#1 Black Sheet Floor	2024-00846- 3	sheet flooring
	crucible weight	8.55990
	crucible + sample	8.67447
	sample weight	0.11457
	crucible + sample after ashing	8.63264
	volatile weight	0.04183
	% volatile	36.5
	filter weight	0.01300
	% acid sol.	61.1
	filter + residue	0.01569
	residue weight	0.00269
	% residue	2.35
	% asb in residue	< 0.1%
	by	TEM
	type:	none
	overall % asbestos	< 0.01 %

Client Sample Number	Lab Number	Sample Description
2-A Lyr#1/#2 Tan Sheet Floo	2024-00846- 4	sheet flooring
	crucible weight	8.93583
	crucible + sample	9.02517
	sample weight	0.08934
	crucible + sample after ashing	8.98276
	volatile weight	0.04241
	% volatile	47.5
	filter weight	0.01314
	% acid sol.	20.9
	filter + residue	0.04142
	residue weight	0.02828
	% residue	31.65
	% asb in residue	< 0.1%
	by	TEM
	type:	none
	overall % asbestos	< 0.01 %

Client Sample Number	Lab Number	Sample Description
2-B Lyr#1/#2 Tan Sheet Floo	2024-00846- 5	sheet flooring
	crucible weight	9.75434
	crucible + sample	9.83479
	sample weight	0.08045
	crucible + sample after ashing	9.79380
	volatile weight	0.04099
	% volatile	51.0
	filter weight	0.01323
	% acid sol.	18.8
	filter + residue	0.03758
	residue weight	0.02435
	% residue	30.27
	% asb in residue	< 0.1%
	by	TEM
	type:	none
	overall % asbestos	< 0.01 %

**Job Number:** 202400846

F2-C Lyr#1/#2 Tan Sheet Floo 2024-00846- 6 sheet flooring

crucible weight	9.18344	sample weight	0.10090		
crucible + sample	9.28434				
crucible + sample after ashing	9.23131	volatile weight	0.05303	% volatile	52.6
				% acid sol.	20.4
filter weight	0.01260	residue weight	0.02731	% residue	27.07
filter + residue	0.03991				
% asb in residue	< 0.1%	by	TEM	type:	none
			overall % asbestos	< 0.01 %	

F5-A Lyr#1/#2 Sheet Floor 2024-00846- 7 sheet flooring

crucible weight	12.55561	sample weight	0.10005		
crucible + sample	12.65566				
crucible + sample after ashing	12.60221	volatile weight	0.05345	% volatile	53.4
				% acid sol.	23.2
filter weight	0.01255	residue weight	0.02341	% residue	23.40
filter + residue	0.03596				
% asb in residue	< 0.1%	by	TEM	type:	none
			overall % asbestos	< 0.01 %	

F5-B Lyr#1/#2 Sheet Floor 2024-00846- 8 sheet flooring

crucible weight	13.89469	sample weight	0.16860		
crucible + sample	14.06329				
crucible + sample after ashing	13.97617	volatile weight	0.08712	% volatile	51.7
				% acid sol.	20.2
filter weight	0.01289	residue weight	0.04734	% residue	28.08
filter + residue	0.06023				
% asb in residue	< 0.1%	by	TEM	type:	none
			overall % asbestos	< 0.01 %	

F5-C Lyr#1/#2 Sheet Floor 2024-00846- 9 sheet flooring

crucible weight	9.08303	sample weight	0.09746		
crucible + sample	9.18049				
crucible + sample after ashing	9.12425	volatile weight	0.05624	% volatile	57.7
				% acid sol.	19.9
filter weight	0.01287	residue weight	0.02183	% residue	22.40
filter + residue	0.03470				
% asb in residue	< 0.1%	by	TEM	type:	none
			overall % asbestos	< 0.01 %	

*Uwe Steimle*

**Analyst:** UWE .. STEIMLE

Printed: 30-Jan-24

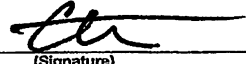
Original Print Date: 30-Jan-24

*Larry S. Pierce*

Larry S. Pierce, Approved Accreditation Signatory


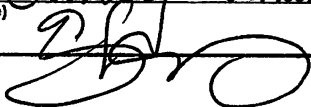


## PLM - CHAIN OF CUSTODY

Project Name: Gila County Copper Corridor Blight Busters Project Number: 1052000242, Phase 9  
 Project Location: Michealson Bldg - Globe, AZ Sample Date: 12/15/2023  
 Turn-Around Time/Due Date: Normal Turn Around Time  
 Special Instructions: Contact - Julie Powers, julie.powers@concatlas.com  
Teresa.Harris@concatlas.com  
 Samples Collected by: Chad wells   
(Print Name) (Signature)

SAMPLE NUMBER	LAB ID	MATERIAL DESCRIPTION	SAMPLE LOCATION
* F1-A		Vinyl Floor Tile + Mastic	
B		"	
C		"	
* F2-A		Vinyl Sheet Flooring	
B		"	
C		"	
F3-A		Residual Floor Mastic	
B		"	
C		"	
F4-A		Carpet + Mastic	
B		"	
C		"	
* F5-A		Vinyl Sheet Flooring	
B		"	
C		"	
F6-A		Floor Coating	
B		"	
C		"	
F7-A		Ceramic Tile + Grout	
B		"	
C		"	
F8-A		Residual Vinyl Sheet Flooring Backing with Mastic	
B		" " "	
C		" " "	
F9-A		Concrete	
B		"	
C		"	
W1-A		Plaster Walls	
B		"	
C		"	

Per Client RUN  
 Annex 2 on Samples  
 F1-A, B, C  
 F2-A, B, C  
 F5-A, B, C  
 3-5 DAY TAT MUA  
 1-2324

Relinquished by:	Received by:	Date/Time:
(Print) <u>Chad wells</u>	(Print) <u>Blissia Hernandez</u>	<u>12.15.23</u>
(Signature) 	(Signature) 	<u>9:49</u>