

ADDENDUM NUMBER 1 (Library Renovation)

PROJECT:	Lamar Community College Bowman Building Library Renovation Project No.: 2011-002P21	DATE: March 27, 2024
OWNER:	Lamar Community College 2401 S. Main St. Lamar, Colorado 81052	

The Drawings, Specifications and Contract Documents on the subject project are modified, corrected, supplemented and/or superseded as hereinafter described.

The following additions, deletions, changes and information shall become a part of and modify all work shown or described in the Drawings and Project Manual.

All bidders shall make necessary adjustments in their bid on account of this addendum. Each and every bidder, subcontractor, and material supplier shall be responsible for reading each item in this addendum to ascertain to what extent and in what manner it affects the work in which they are interested. Each Bidder shall indicate on the Bid Form their acknowledgment of receipt of this addendum document by addendum number and addendum date.

SPECIFICATIONS

- 1. Reissued "TABLE OF CONTENTS"
- 2. Add Section 003126, EXISTING HAZARDOUS MATERIAL INFORMATION to include existing ACM Hazardous Material Reports that have been prepared for portions of the Bowman Building. (An additional ACM Report is being prepared and will be provided under a future addendum.)
- 3. Section 011000, SUMMARY OF WORK has been reissued. Revisions made are as follows:

Part 1.4 F - "Advertisement for Bids, Notice LCC 24-11";

Final Completion Date revised: "February 2025"

Part 1.5 G – Section added.

Part 1.6 E – Section added.

4. Section 01 32 13 – Paragraph 2.2.A references the "Owner's Preliminary Schedule". This referenced schedule document for the Library Renovation project dated 10/26/2023 is being attached via this Addendum. (Note: In a future Addendum, we will update this schedule to reflect the newly anticipated contractual start date.)

DRAWINGS

- 1. Architectural Drawing A2.06 has been reissued. Revisions are clouded.
- 2. Architectural Drawing A2.32 has been reissued. Revisions are clouded.
- 3. Architectural Drawing A9.11 has been reissued. Detail 11/A9.11 has been added. Detail 12/A9.11 has been revised. Revisions are clouded.

END OF ADDENDUM NUMBER 1

Attachments: Table of Contents Advertisement for Bids 3/21/2024 Pre-Bid Meeting Minutes dated 3/19/2024 Preliminary Project Schedule dated 10/25/2023 Added "Existing Hazardous Material Information" specification section 003126 and attached five hazardous materials reports Revised "Summary of Work" specification section 011000 Revised Architectural Drawings A2.06, A2.32, & A9.11

BID SET SPECIFICATIONS (Addendum #1) TABLE OF CONTENTS

DIVISION 0 – Contract Forms & General Conditions

BIDDING REQUIREMENTS	
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Information for Bidders SBP-6.12	01/2024
Bid Form SBP-6.13	07/2022
Bid Alternate Form SBP-6.131	08/2023
Bid Bond SBP-6.14	07/2022
CONTRACT FORMS & EXHIBITS	
Notice of Award SBP-6.15	07/2022
Contractor's Agreement SC-6.21	01/2024
Performance Bond SC-6.22	07/2022
Labor and Material Payment Bond SC-6.221	07/2022
Apprenticeship Utilization Certification SBP-2.1	09/2022
Direct Labor Burden Calculation SBP-6.18	08/2023
Notice to Proceed SBP-6.26	08/2022
Contractor's App. and Certificate for Payment SBP-7.2	08/2023
Change Order Bulletin SC-6.311	01/2022
Change Order Proposal SC-6.312	07/2022
Change Order SC-6.31	07/2022
Emergency Field Change Order SC-6.31E	07/2010
Pre-Acceptance Checklist SBP-05	08/2023
Notice of Partial Substantial Completion SBP-071	08/2023
Notice of Substantial Completion SBP-07	08/2023
Notice of Approval of Occupancy/Use SBP-01	07/2022
Notice of Partial Final Acceptance SBP-6.271	09/2006
Notice of Final Acceptance SBP-6.27	09/2006
Notice of Partial Contractor's Settlement SBP-7.31	08/2023
Notice of Contractor's Settlement SBP-7.3	08/2023
OSA Five Most Costly Goods Form SBP-091	07/2022
Contractor Application for Exemption Certificate DR 0172	06/2022
CONDITIONS OF THE CONTRACT	
General Conditions of the Contract SC-6.23	01/2024

ADDITIONAL INFORMATION

00 31 26 Existing Hazardous Material Information (Addendum #1)

DRAWINGS

Sheets as listed in the "Drawing Index" on Construction Drawings Cover Sheet

DIVISION 1 – General Requirements

- 01 10 00 Summary of Work (Addendum #1)
- 01 21 00 Allowances
- 01 23 00 Alternates
- 01 26 00 Contract Modification Procedures
- 01 29 00 Payment Procedures
- 01 31 00 Project Management and Coordination
- 01 32 13 Schedules and Reports

Lamar Community College Bowman Library Renovation Project Number: 2011-002P21 – Bid Set

- 01 33 00 Submittal Procedures
- 01 40 00 Quality Requirements
- 01 50 00 Temporary Facilities and Controls
- 01 55 00 Site Access Staging and Phasing
- 01 60 00 Product Requirements
- 01 70 00 Execution Requirements
- 01 73 10 Cutting and Patching
- 01 77 00 Closeout Procedures

DIVISION 2 – EXISTING CONDITIONS

- 02 41 19 Selective Demolition
- 02 82 00 Asbestos Abatement

DIVISION 4 – MASONRY

04 21 13 Brick Masonry Repair

DIVISION 5 – METALS

- 05 12 00 Structural Steel
- 05 31 00 Steel Deck
- 05 40 00 Cold-Formed Metal Framing
- 05 50 00 Metal Fabrications

DIVISION 6 – WOOD AND PLASTICS

- 06 10 53 Miscellaneous Rough Carpentry
- 06 41 16 Plastic-Laminate-Clad Architectural Cabinets

DIVISION 7 – THERMAL AND MOISTURE PROTECTION

- 07 21 00 Building Insulation
- 07 62 00 Sheet Metal Flashing and Trim
- 07 84 13 Through-Penetration Firestop Systems
- 07 84 43 Fire-Resistive Joint Systems
- 07 92 00 Joint Sealants
- 07 95 00 Expansion Joint Cover Assemblies

DIVISION 8 – OPENINGS

- 08 11 00 Steel Frames
- 08 14 16 Flush Wood Doors
- 08 31 00 Access Doors and Frames
- 08 33 26 Overhead Coiling Grilles
- 08 41 13 Aluminum-Framed Entrances and Storefronts
- 08 45 23 Prefabricated Skylight ADDITIVE ALTERNATE #2
- 08 71 00 Door Hardware
- 08 80 00 Glass and Glazing
- 08 87 33 Decorative Films

DIVISION 9 – FINISHES

- 09 21 16 Gypsum Board Assemblies
- 09 30 13 Ceramic Tiling
- 09 51 13 Acoustical Panel Ceilings
- 09 65 13 Resilient Base and Accessories
- 09 65 19 Resilient Tile Flooring
- 09 68 13 Tile Carpeting
- 09 90 00 Painting & High Performance Coatings

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DIVISION 10 – ACCESSORIES

10 14 23 Signage
10 26 10 Wall Protection – Wall Graphics – By Owner
10 44 13 Fire Protection Specialties

DIVISION 11 – EQUIPMENT

Not Used

DIVISION 12 – FURNISHINGS

12 36 61.16 Solid Surface Countertops and Trim

DIVISIONS 13 - 21

Not Used

DIVISION 22 – PLUMBING

- 22 0010 Plumbing General Requirements
- 22 0523 General-Duty Valves for Plumbing Piping
- 22 0529 Hangers and Supports for Plumbing Piping and Equipment
- 22 0553 Identification for Plumbing Piping and Equipment
- 22 0719 Plumbing Piping Insulation
- 22 1005 Plumbing Piping
- 22 4000 Plumbing Fixtures

DIVISION 23 – HEATING, VENTILATING AND AIR CONDITIONING (HVAC)

- 23 0130.51 HVAC Air-Distribution System Cleaning
- 23 0513 Common Motor Requirements for HVAC Equipment
- 23 0516 Expansion Fittings and Loops for HVAC Piping
- 23 0519 Meters and Gauges for HVAC Piping
- 23 0529 Hangers and Supports for HVAC Piping and Equipment
- 23 0548 Vibration and Seismic Controls for HVAC
- 23 0553 Identification for HVAC Piping and Equipment
- 23 0593 Testing, Adjusting & Balancing for HVAC
- 23 0713 Duct Insulation
- 23 0716 HVAC Equipment Insulation
- 23 0719 HVAC Piping Insulation
- 23 0800 Commissioning of HVAC
- 23 0913 Instrumentation and Control Devices for HVAC
- 23 0923 Direct-Digital Control System for HVAC
- 23 2113 Hydronic Piping
- 23 2114 Hydronic Specialties
- 23 3100 HVAC Ducts and Casings
- 23 3300 Air Duct Accessories
- 23 3423 HVAC Power Ventilators
- 23 3600 Air Terminal Units
- 23 3700 Air Outlets and Inlets
- 23 4000 HVAC Air Cleaning Devices
- 23 7200 Air-to Air Energy Recovery Equipment
- 23 8200 Convection Heating and Cooling Units
- 23 8300 Radiant Heating and Cooling Units

DIVISION 26 – ELECTRICAL

- 26 0010 Basic Electrical Requirements
- 26 0505 Selective Demolition For Electrical
- 26 0519 Low Voltage Electrical Power Conductors and Cables

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- 26 0526 Grounding and Bonding for Electrical Systems
- 26 0529 Hangers and Supports for Electrical Systems
- 26 0533.13 Conduit for Electrical Systems
- 26 0533.16 Boxes
- 26 0553 Identification for Electrical Systems
- 26 09 23 Lighting Control Devices
- 26 2200 Low Voltage Transformers
- 26 2416 Panelboards
- 26 2726 Wiring Devices
- 26 2816.16 Enclosed Switches
- 26 5100 Interior Lighting

DIVISION 28 – ELECTRONIC SAFETY AND SECURITY

28 4600 Fire Detection and Alarm



PRE-BID MEETING MINUTES

- PROJECT: Lamar Community College MEETING DATE: 3/19/2024 Bowman Building Renovation (Capital Renewal) ISSUE DATE: 3/27/2024 Project No.: 2022-010P22 Bowman Building Library Renovation Project No.: 2011-002P21
- MEETING: Pre-Bid Meeting, LCC Bowman Lecture Hall 139

COPY: To be issued as part of Bid Addendum #1

TOPICS OF DISCUSSION

- 1.1 All parties formally introduced. Contact information exchanged.
- 1.2 Scopes of work for both projects were summarized by HA.
- 1.3 This is the second pre-bid meeting being held for these projects; the first pre-bid meeting was conducted on November 16, 2023 before submittal of contractor qualifications.
- 1.4 The Capital Renewal Project and Library Renovation Project are two separate projects with separate funding sources. Each project will have its own separate contract and must be financially accounted separately.
- 1.5 The contract for both projects will be awarded to the cumulative low bidder on <u>both</u> projects. However, each of the separate projects must be within the Owner's appropriation budget allowed for each project. The contractor's asked what those individual budgets are. HA indicated that it would be included in the Advertisement for Bids to be published shortly. (*This was subsequently published on 3/21/2024.*)
- 1.6 Both projects will have awarded contracts (i.e.: There is not the possibility of one project moving forward with construction work and the other project not moving forward).
- 1.7 The Capital Renewal Project is partially funded with Federal money. All money is required to be fully encumbered by the end of December 2024. All money is required to be fully paid out by 2026. These dates will also be clarified in a revised "Summary of Work" Project Manual section in an upcoming Addendum.



- 1.8 The Library Renovation Project is State-funded only. All money is required to be fully encumbered by the end of June 2024. The Contract is anticipated to be executed by May 2024. All money is required to be fully paid out by June 2025. The duration of construction work related to the Library Renovation Project is anticipated to be about 6 months. These dates will also be clarified in a revised "Summary of Work" Project Manual section in an upcoming Addendum.
- 1.9 For the Capital Renewal Project, there is also an allowance of \$40,000.00 for work to be dedicated specifically for Accessibility Improvements. HA has identified specific scope items that the Contractor may allocate towards this \$40,000.00, which will be funded from a separate Accessibility Improvements project on campus. This will be executed via a \$0 Change Order, which will only serve to document what work scope items the Contractor will be allocating to this allowance. There is a possibility that the amount of this allowance may increase depending on any additional remaining funds upon completion of the Accessibility Improvements project (currently being performed by a separate Contractor).
- 1.10 The following DO NOT apply to these projects: Federal Davis-Bacon requirements, State prevailing wage requirements, Federal and State apprenticeship requirements, and the Buy Clean Colorado requirements.
- 1.11 HA reviewed the current preliminary project schedule (originally distributed to bidders at the prequalification pre-bid meeting) and where we currently are in the process. HA estimates being approximately one week away from getting Compliance Notices for both projects from the State plan reviewer, AEC-West. HA has received a verbal approval from AEC-West that at minimum a Contingent Compliance Notice will be issued without resolution of all Structural Engineering issues. The preliminary project schedule that was presented to the Contractors during the Pre-Qualification meeting on 11/19/2023 will be reissued to bidders via addendum.
- 1.12 There is currently anticipated to be a 4-week bid period that may end up being extended to 5 weeks.
- 1.13 The State CORE/VSS website will be taken down for maintenance for 1 week during the bid period starting on March 28th.
- 1.14 LCC will be posting a new bid advertisement notice for subcontractors. HA will coordinate writing of new advertisement with LCC Facility Director and LCC Purchasing Director following this meeting.
- 1.15 The Administration (west) portion of the building is anticipated to be vacated by the Owner on 1/1/2025.
- 1.16 LCC needs to maintain a minimum of 4 classrooms inside the Bowman Building to be occupiable/useable during the course of the project. The specific 4 useable classrooms may change in the course of the project, depending on how the Contractor proposes to phase work.
- 1.17 Discussion on Abatement, the extent of testing. ACM Reports that we already have will be attached to Addendum #1. Additional ACM Reports currently being prepared will be attached to a future Addendum.



- 1.18 LCC anticipates that the entire building will be vacated and available for the Contractor to work on during the Summer Semester 2024.
- 1.19 Additive Bid Alternates for both projects were summarized by HA. There are Nine (9) for the Capital Renewal project and Six (6) for the Library Renovation project.
- 1.20 Sean Lirley confirmed that security card access is not required at this time for the new vestibule entry to be constructed on the building's east side.
- 1.21 State taxes are exempt and the awarded Contractor will be provided with a taxexemption number by LCC.
- 1.22 The Contractors asked if there are any "LEED" type of requirements. HA indicated that there are no formal energy performance program tracking requirements.
- 1.23 The Contractor will be required to track the 5 most costly goods on each project per State requirements.
- 1.24 Ceiling elevations of the existing lecture halls were requested by bidders. HA will provide this information via Addendum.
- 1.25 HA presented and reviewed the respective project drawings and general design scopes. It was noted that the floor plans were hatched specifically to delineate and distinguish the project scopes. It was also discussed that any keynotes on these plans are applicable to the specific project, whether or not the keynote is positioned within a hatched area of the plan.
- 1.26 I.T. Discussion: It was noted that LCC's I.T. Department will be coordinating with the successful bidder on Owner's self-performed I.T. labor and/or self-furnished I.T. items.
- 1.27 It was noted that the planned Circulation Desk casework in the Bowman Library project will be provided and installed under a separate contract, but will required to have utilities installed by Contractor as indicated.
- 1.28 It was noted that a commissioned artwork will be installed by the artist under the proposed skylight as part of the Bowman Library Project.
- 1.29 It was noted that a commissioned artwork (wall mural) will be installed by the Contractor as part of the Bowman Library Project.
- 1.30 After the formal meeting in Lecture Hall 139, meeting attendees were led through the Bowman Building to observe specific project interior scope areas, including the Library (144), and Basement level spaces. The group went outside to review potential staging and parking available to the General Contractor and subs. Generally, areas on the Willow Creek side of the access road will be made available.

The group observed the manhole located close to the proposed vestibule addition of the Capital Renewal project. Sean lifted the cover (see following photo):





It was observed that it contained two domestic water pipes: domestic service with a meter and a bi-pass around the meter. Additionally, the observed trench asphalt patch emanating from the manhole location is being researched and will be addressed in a future Addendum.

1.31 HA will issue minutes for this pre-bid meeting and issue via Addendum.

These meeting minutes shall be reviewed by all attendees. Any discrepancies, additions or deletions shall be brought to our (Hall Architects) attention via questions submitted during the bid period; otherwise the minutes will be noted as correct.

LAMAR COMMUNITY COLLEGE BOWMAN LIBRARY - CONSTRUCTION PHASE ONLY (NO PRE-PURCHASE)

ESTIMATED PROJECT SCHEDULE

October 26, 2023

Powmon Librory	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	5	Apr-25	May-25	Jun-25	Jul-25	Au	ig-25
Downlan Library	3/4 3/11 3/18 3/25 4/1	4/8 4/15 4/22 4/29 5/6	5/13 5/20 5/27	6/3 6/10 6/17 6/	24 7/1 7/8 7/15 7/22 7/29	8/5 8/12 8/19 8/26	9/2 9/9 9/16 9/23 9/30	10/7 10/14 10/21 10/28	3 11/4 11/11 11/ ⁻	8 11/25 12/2 12/9 12/16 12/23 12	30 1/6 1/13 1/20 1	/27 2/3 2/10 2/17 2/2	4 3/3 3/10 3/17	3/24 3/31 4/7	4/14 4/21 4/28	5/5 5/12 5/19	5/26 6/2 6/9 6/16 6/23 6/3	<u>) 7/7 7/14 7/21</u>	7/28 8/4 8/11	8/18 8/25
FFE Procurement Contract	FFE Selection and Contract																			
FFE Delivery			FFE D	elivery				e c		- noi										
FFE Installation								Tuering		Litery										
Contractor Bid Period								ller Diet		d E										
Contracts						Ę		ž ž		erer Co										
Contractor Mobilization	GC Mobilization					iest		rg O		ies iov										
General Shop Drawings/Submittals				5	4	ew		st : ost.		it ct										
Long Lead Item Submittal / Delivery - AHUs (CR Project)		** AHUs	4 to 6	MONTHS				Suk												
Long Lead Item Submittal / Delivery - Lights		LIGHTS	3 to 5	MONTHS		L L L		te nar		ora er:										
Long Lead Item Submittal / Delivery - Tile		TILE	2 to 4	MONTHS		t o		Sui		do li										
Long Lead Item Submittal / Delivery - Flooring		FLOORING	2 to 3	MONTHS		tar		Bo S		P Ted										
Selective Abatement - Inside Library / Tutoring Area			Library Abater	ment		s.		orin 1		<u>a</u>										
Demolition - Inside Library				Library Demo				<u>E</u>		d										
Demolition - For Tutoring Area			Tutorin	ng Demo		1		Гр;												
Construction - Library (Framing)					Library Framing			ů ře												
Construction - Library (Electrical)					Library Elect	rical		Pla												
Construction - Library (Ductwork HVAC)						Library Ductwork														
Construction - Library (AHU Install-CR Project)			ter		0			Lil rary AH J Install												
Construction - Library (Floor, Clg, Paint)			ues			1	Library Floor, Ceilin	g, Pa <mark>i</mark> nt												
Construction - Tutoring (Framing)			Sen		Tutoring Framing															
Construction - Tutoring Suite (Electrical)			B.		Tutoring Ele	trical														
Construction - Tutoring Suite (HVAC)			pri			Tutoring HV/	(C													
Construction - Tutoring Suite (Floor, Clg, Paint)			fS		5		Tutoring Finishes													
Owner Move-in/Site Clean-Up			p					Tutoring		Library										
Close-out			E					•		I	Closeout Library	Project								

00 31 26 - EXISTING HAZARDOUS MATERIAL INFORMATION (ADDENDUM #1)

1.1 EXISTING HAZARDOUS MATERIAL INFORMATION

- A. This Document with its referenced attachments is part of the Procurement and Contracting Requirements for Project. They provide Owner's information for Bidders' / Contractor's convenience and are intended to supplement rather than serve in lieu of Bidders' / Contractor's own investigations. They are made available for Bidders' / Contractor's convenience and information, but are not a warranty of existing conditions. This Document and its attachments are not part of the Contract Documents.
- B. Existing asbestos reports for Project, prepared as indicated below, are available for viewing as attached to this Document.
 - 1. Prepared by Occupational Health Technologies, Inc, dated March 16, 2001

Note: The exterior windows in the East Bowman have all been replaced subsequent to this report date.

- 2. Prepared by Symtek Consulting Inc, dated July 29, 2020
- 3. Prepared by Symtek Consulting Inc, dated November 11, 2020
- 4. Prepared by Symtek Consulting Inc, dated October 27, 2020
- C. An existing lead report for Project, prepared by Symtek Consulting Inc, dated October 27, 2020, is available for viewing as attached to this Document.

END OF 00 31 26

CLIENT

LAMAR COMMUNITY COLLEGE

2401 South Main Street Lamar, Colorado 81052

PROJECT

LIMITED ASBESTOS BUILDING INSPECTION

Window Replacement Project Lamar, Colorado

CONSULTANT

OCCUPATIONAL HEALTH TECHNOLOGIES, INC.

2220 East Bijou Street, Suite 153 Colorado Springs, Colorado 80909

PROJECT DATE

March 16, 2001

INSPECTED BY

RICHARD L. RALSTON Certified Asbestos Building Inspector

REPORT PREPARED BY

RICHARD L. RALSTON

<u>REVIEWED</u> BY

DENNIS R. PHIPPS General Manager

Occupational Health Technologies, Inc.



2014-1425-

A/P - A/R: 171 University Circle Pueblo, Colorado 81005-1650 (719) 566-0422

Lab: 2220 East Bijou Street, Suite 153 Colorado Springs, Colorado 80909 (719) 227-8511 **FAX** (719) 227-8501

On March 16, 2001, Occupational Health Technologies, Inc. (OHT) conducted an investigation for the presence of asbestos in building materials for Lamar Community College in Lamar, Colorado. The purpose of the investigation was to identify any friable asbestos-containing building materials prior to the removal and replacement of the external windows located in the administration, classroom and Trustee's Building.

The asbestos inspection begins the pre-construction process dealing with the replacement of all external windows in the three above-mentioned buildings. These windows will be removed as a whole unit. Each unit is set into a boxed in area that has been surfaced with a building material that may contain asbestos.

The object of this investigation was to take enough samples to ascertain whether the removal of these windows would impact any possible asbestos.

The windows are to be removed as a whole unit; therefore, it is necessary to know if the window putty is an asbestos material so that the windows can be deposited in a proper landfill.

A building inspector that is certified by the Environmental Protection Agency and the Colorado Department of Public Health and Environment, collected twenty-five (25) bulk samples. The samples were analyzed using the Environmental Protection Agency Method for the Determination of Asbestos in Bulk Building Materials (EPA 600/M4-82-020). This method uses polarized light microscopy and dispersion staining as established in 40 CFR Part 763. The National Institute of Standards and Technology (NIST) analyzed the samples in a laboratory that is a successful participant in the National Voluntary Laboratory Accreditation Program (NVLAP) as administered.

The following materials were found to contain more than 1% asbestos:

• All of the window putty.

• Insulation material on the tank in the dormitory.

None of the surfacing material around the windows contains asbestos.

Continued

Lamar Community College Window Removal Project Page 2

In addition to the surfacing material and the window putty samples, a sample was taken on the hot water storage located in the basement of the dormitory. The second layer of insulation material tested at two (2) percent Chrysotile asbestos.

RECOMENDATIONS

As long as the windows that have been set in with window putty are not damaged by the removal of the window unit, there would be no danger in having non-asbestos workers remove window units. The windows that are removed however must be wrapped in six (6) mill polyethylene plastic and taken to a landfill that accepts asbestos. A manifest on the material should also be kept and placed into the schools operations and maintenance (O and M) manual.

The tank in the dormitory basement needs to be abated by an asbestos abatement company that is licensed and certified by the Colorado Department of Public Health and Environment. It is suggested that the asbestos be removed due to steam damage that has been observed on the underside of the tank. Removal would make the tank safer for future repair.

To reduce civil liability associated with any asbestos removal project, it is highly recommended that project oversight and air monitoring be conducted by an Industrial Hygiene Firm that is completely independent of the asbestos abatement contractor.

Attached to this report are results of the laboratory analysis of the samples and inspector and laboratory certifications.

Respectfully submitted,

Kuhand L. Rabit

Richard L. Ralston Certified Asbestos Building Inspector

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	"AD I	BCOG'' = Bac	MAN ADMIN				
3/22/01	'ENVIRO	NMENTAL MANAGEMEN	T CONSULTANTS	Page 1 of 8			
* . *		BULK MATERIAL REP	ORT				
			IAD, 73109				
	aboratory Analysis: BULK MA	TERIAL	Methodology: EP	A 600/M4-82-020			
Client: OC	CUPATIONAL HEALTH TECH.		P/O#				
Reported t	o: DENNIS PHIPPS		Proj : 11979				
Sampled fr	om: LAMAR COMM. COLLEGE		By: Client				
Shipped vi	a: FEDERAL EXPRESS		Received: 3/21/01 Repo	rted: 3/22/01			
SAMPLE	IDENTIFICATION	PARAMETER	TEST RESULTS				
01	LCC-0316-1	Asbestos	Positive. This sample contains	s approx.			
	window putty		3% Chrysotile, 97% CaCO , B	inder			
	gray						
	NE DR OF CLASSRM						
02	LCC 0316 2	Ashaataa	Depitivo This semale contains				
U2	window putty	Aspesios	3% Chrysofile 97% CaCO Ri	s approx. Inder			
	gray						
	SE DOOR-FRONT CLSRM						
03	LCC-0316-3	Asbestos	Positive. This sample contains	approx.			
	window putty		2% Chrysotile, 98% Quartz , C	aCO , Binder			
	NE DOUR-FRONT-AD BLDG						
04	LCC-0316-4	Ashestos	None detected. This sample or	ntaine annrox			
	X 2x4 ceiling tile	7 10000100	40% Cellulose. 40% Mineral W	/ool. 20% Perlite			
	white		Quartz , CaSO , Binder , Diato	ms			
	RM 128 CLASSRM						

THE REPORT APPLIES TO THE STANDARDS OR PROCEDURES IDENTIFIED AND TO THE SAMPLE(S) TESTED. THE TEST RESULTS ARE NOT NECESSARILY INDICATIVE OR REPRESENTATIVE OF THE QUALITIES OF THE LOT FROM WHICH THE SAMPLE WAS TAKEN OR OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE RENDERED UPON THE CONDITION THAT THEY WILL NOT BE REPRODUCED WHOLLY OR IN PART FOR ADVERTISING OR OTHER PURPOSES OVER OUR SIGNATURE OR IN CONNECTION WITH OUR NAME WITHOUT SPECIAL WRITTEN PERMISSION. SAMPLES NOT DESTROYED IN TESTING ARE RETAINED A MAXIMUM OF THIRTY DAYS.

ACCREDITED BY THE NATIONAL INSTITUTE OF STANDARDS TECHNOLOGY VOLUNTARY LABORATORY ACCREDITATION PROGRAM FOR SELECTED TEST METHOD FOR ASBESTOS. THE ACCREDITATION OR ANY REPORTS GENERATED BY THIS LABORATORY IN NO WAY CONSTITUTES OR IMPLIES PRODUCT CERTIFICATION, APPROVAL, OR ENDORSEMENT BY THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY. ALL ANALYSES ARE DERIVED FROM CALIBRATED VISUAL ESTIMATE UNLESS OTHERWISE NOTED. POLARIZED-LIGHT IS NOT CONSISTENTLY RELIABLE IN DETECTING ASBESTOS IN FLOOR COVERINGS AND SIMILAR NON-FRIABLE ORGANICALLY BOUND MATERIALS. QUANTITATIVE TRANSMISSION ELECTRON MICROSCOPY IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO DETERMINE IF THIS MATERIAL CAN BE CONSIDERED OR TREATED AS NON-ASBESTOS-CONTAINING.

ent

Analyst: Ken Scheske

By: Kurt Kettler

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BULK MATERIAL REPORT

			LAB: 73128				
REPORT	Laboratory Analysis: BULK MATE	RIAL	Methodology: EPA 600/M4-82-020				
Client: C	CCUPATIONAL HEALTH TECH.		P/O#:				
Reported	to: DENNIS PHIPPS		Proj: 11979				
Sampled from: LAMAR COMM. COLLEGE			By: Client				
Shipped	via: FEDERAL EXPRESS		Received: 3/21/01 Reported: 3/22/01				
SAMPLE	IDENTIFICATION	PARAMETER	TEST RESULTS				
05	LCC-0316-5	Asbestos	None detected. This sample contains approx.				
· · · ·	≻ plaster		100% Quartz , CaCO , CaSO , Binder , Silica				
	blue		Fragments				
1	WNDOW RM 128-CLASSRM						
06	LCC-0316-6	Asbestos	None detected. This sample contains approx.				
	🗡 plaster		1% Antigorite, 99% Quartz , CaCO , CaSO , Mica ,				
	white		Binder				
	BREAK RM-CLSRM 149						
. 07	LCC-0316-7	Asbestos	None detected. This sample contains approx.				
	🞾 plaster		1% Antigorite, 99% Quartz , CaCO , CaSO , Mica ,				
	white		Binder				
· ··	RM 235 WINDOW-MID						
· .08	LCC-0316-8	Asbestos	None detected. This sample contains approx				
	≯ plaster		trace Cellulose 99% Quartz CaCO CaSO Mica				
	white		Binder				
	RM 220 WINDOW-MID						

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Analyst: Ken Scheske

3/22/01

By: Kurt Kettler

BULK MATERIAL REPORT

		LAB: 73128				
REPORT	Laboratory Analysis: BULK MATER	Methodology: EPA 600/M4-82-020				
Client: O	CCUPATIONAL HEALTH TECH.		P/O#:			
Reported	to: DENNIS PHIPPS		Proj: 11979			
Sampled	from: LAMAR COMM. COLLEGE		By: Client			
Shipped v	via: FEDERAL EXPRESS		Received: 3/21/01 Reported: 3/22/01			
SAMPLE	IDENTIFICATION	PARAMETER	TEST RESULTS			
09	LCC-0316-9	Asbestos	None detected. This sample contains approx.			
	∽ plaster white		100% Quartz , CaCO , CaSO , Mica , Binder			
	RM 233 WINDOW-MID					
10	LCC-0316-10	Asbestos	None detected. This sample contains approx.			
	≻ plaster		100% Quartz , CaCO , CaSO , Mica , Binder , Silica			
	white		Fragments			
	RM 150 WINDOW-MID					
::11	LCC-0316-11	Asbestos	None detected. This sample contains approx.			
	≁plaster		100% Quartz , CaSO , Mica , Binder , Silica			
	white		Fragments			
	BY E DOOR AD BLDG-BACK					
12	LCC-0316-12	Asbestos	None detected. This sample contains approx.			
	≫plaster		100% Quartz,CaSO,Mica,Binder,Silica			
	white		Fragments			
	BY W DOOR AD BLDG-FRNT					

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Kent

Analyst: Ken Scheske

3/22/01

By: Kurt Kettler

NVLAP Accreditation #1926, CA ELAP #1913, TX DOH #30-0094 7342 EAST THOMAS ROAD SCOTTSDALE, ARIZONA 85251-7216 (480) 990-2069 FAX: (480) 990-8468 Page 3 of 8

Page 4 of 8

BULK MATERIAL REPORT

	<u>:</u>		LAB: 73128				
REPORT	Laboratory Analysis: BULK MATERIA	AL	Methodology: EPA 600/M4-82-020				
Client: O	CCUPATIONAL HEALTH TECH.	P/O#:					
Reported	to: DENNIS PHIPPS	Proj: 11979					
Sampled	from: LAMAR COMM. COLLEGE		By: Client				
Shipped v	via: FEDERAL EXPRESS		Received: 3/21/01 Reported: 3/22/01				
SAMPLE	IDENTIFICATION	PARAMETER	TEST RESULTS				
13	LCC-0316-13	Asbestos	None detected. This sample contains approx.				
	🗴 plaster		100% Quartz , CaCO , CaSO , Mica , Binder , Silica				
	white		Fragments				
	MENS BATHRM-BSMT-AD BL						
14	LCC-0316-14	Asbestos	Positive This sample contains approx				
	window putty		3% Chrvsotile, 97% CaCO Binder				
	grav						
	RM 124-TRUSTEES BLDG						
	······································						
15Δ	100 0316 15	Achaetae	Depitive This seconds contains ensure				
	window putty	ASDES105	2% Chrysotile 98% Quartz CaCO Mica Binder				
	drav		276 Onlysothe, 56% Qualiz, CaCO, Mica, Billuel				
	MID WINDOWS-BEAUTY SAL						
· · · · · · · · · · · · · · · · · · ·							
15B	LCC-0316-15	Asbestos	None detected. This sample contains approx.				
	window putty, 2nd layer		7% Cellulose, 93% Quartz , CaCO , Mica , Binder				
_	gray						
	MID WINDOWS-BEAUTY SAL						

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Analyst: Octavio Gavarreteayestas

By: Kurt Kettler

NVLAP Accreditation #1926, CA ELAP #1913, TX DOH #30-0094 7342 EAST THOMAS ROAD SCOTTSDALE, ARIZONA 85251-7216 (480) 990-2069 FAX: (480) 990-8468

3/22/01

Page 5 of 8

BULK MATERIAL REPORT

		LAB: 73128				
REPORT Labo	pratory Analysis: BULK MATERIAL		Methodology: EPA 600/M4-82-020			
Client: OCCU	PATIONAL HEALTH TECH.		P/O#:			
Reported to: I	DENNIS PHIPPS		Proj: 11979			
Sampled from	: LAMAR COMM. COLLEGE		By: Client			
Shipped via:	FEDERAL EXPRESS		Received: 3/21/01 Reported: 3/22/01			
	DENTIFICATION	PARAMETER	TEST RESULTS			
16 I	LCC-0316-16	Asbestos	None detected. This sample contains approx.			
×	plaster		trace Cellulose, 99% Quartz , CaCO , CaSO , Mica ,			
1	white		Binder			
	MNDOW RM 124-1ST FL					
17	_CC-0316-17	Asbestos	None detected. This sample contains approx.			
≫ı	plaster		100% Quartz , CaCO , CaSO , Mica , Binder			
N THE SECTION	white					
S	S. END OF BEAUTY SAL.					
18 L	-CC-0316-18	Asbestos	None detected. This sample contains approx			
X	blaster		1% Antigorite, 99% Quartz , CaSO , Mica , Binder			
v v	vhite					
10 IV	I END OF BEAUTY SAL.					
19A L	.CC-0316-19	Asbestos	None detected. This sample contains approx.			
Хр	laster - scratch coat		100% Quartz,CaCO,CaSO,Mica,Binder			
ti	an					
c c	HEM LAB RM 219-TRUSTE					
15 · ·						

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Analyst: Ken Scheske

By: Kurt Kettler

NVLAP Accreditation #1926, CA ELAP #1913, TX DOH #30-0094 7342 EAST THOMAS ROAD SCOTTSDALE, ARIZONA 85251-7216 (480) 990-2069 FAX: (480) 990-8468

3/22/01

Page 6 of 8

BULK MATERIAL REPORT

REPORT Client: O Reported Sampled Shipped	Laboratory Analysis: BULK MATERIA CCUPATIONAL HEALTH TECH. I to: DENNIS PHIPPS from: LAMAR COMM. COLLEGE via: FEDERAL EXPRESS	AL.	LAB: 73128 Methodology:EPA 600/M4-82-020 P/O#: Proj: 11979 By: Client Received: 3/21/01 Reported: 3/22/01
SAMPLE 19B	IDENTIFICATION LCC-0316-19 plaster - finish coat white CHEM LAB RM 219-TRUSTE	PARAMETER Asbestos	TEST RESULTS None detected. This sample contains approx. 100% Quartz , CaSO , Mica , Binder
20	LCC-0316-20 2x4 ceiling tile white RM 124-TRUSTEES BLDG	Asbestos	None detected. This sample contains approx. 40% Cellulose, 40% Mineral Wool, 20% Perlite , Quartz , CaSO , Binder
21	LCC-0316-21 X 1x1 ceiling tile white, It. green, worm pattern RM 124-TRUSTEES BLDG	Asbestos	None detected. This sample contains approx. 85% Mineral Wool, 15% CaSO , Binder , Diatoms
22	LCC-0316-22 > 1x1 ceiling tile white, It. green CLASSRM BLDG	Asbestos	None detected. This sample contains approx. 85% Mineral Wool, 15% CaSO , Binder , Diatoms

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Analyst: Ken Scheske

By: Kurt Kettler

Page 7 of 8

BULK MATERIAL REPORT

~ 7.502			LAB: 73128
REPORT Client: Di Reported Sampled Shipped v	Laboratory Analysis: BULK MATERI CCUPATIONAL HEALTH TECH. to: DENNIS PHIPPS from: LAMAR COMM. COLLEGE Via: FEDERAL EXPRESS	AL	Methodology:EPA 600/M4-82-020 P/O#: Proj: 11979 By: Client Received: 3/21/01 Reported: 3/22/01
	IDENTIFICATION	PARAMETER	TEST RESULTS
SAMPLE 23A	LCC-0316-23 K tank white DORM-BSMT	Asbestos	None detected. This sample contains approx. 15% Cellulose, 85% CaSO , Binder
23B 	LCC-0316-23 ★ tank, 2nd layer tan DORM-BSMT	Asbestos	Positive. This sample contains approx. 2% Chrysotile, 3% Amosite, 35% Mineral Wool, 60% CaSO , Mica , Binder
24A	LCC-0316-24 plaster - scratch coat tan RM 204 BIO LAB-TRUSTEE	Asbestos	None detected. This sample contains approx. 100% Quartz , CaCO , CaSO , Mica , Binder
24 B	LCC-0316-24 plaster - finish coat white RM 204 BIO LAB-TRUSTEE	Asbestos	None detected. This sample contains approx. 100% Quartz , CaSO , Mica , Binder

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Analyst: Ken Scheske

By: Kurt Kettler

3/22/01	ENVIRONMENT	AL MANAGEMEN	T CONSULTANTS	Page 8 of 8
	BUL	KMATERIAL REP	ORT	
REPORT Client: OC Reported Sampled to Shipped v	Laboratory Analysis: BULK MATERIAL CCUPATIONAL HEALTH TECH. to: DENNIS PHIPPS from: LAMAR COMM. COLLEGE ia: FEDERAL EXPRESS		LAB:73128Methodology: EPA 60P/O#:Proj:11979By:ClientReceived:3/21/01Reported	00/M4-82-020 I: 3/22/01
SAMPLE 25	IDENTIFICATION LCC-0316-25 A plaster white RM 208-CHEM LAB-TRUSTE	PARAMETER Asbestos	TEST RESULTS None detected. This sample conta 100% Quartz , CaSO , Mica , Bind	ins approx. ler
26	LCC-0316-26 window putty gray 2ND FL TRUSTEE-RM 219	Asbestos	Positive. This sample contains app 3% Chrysotile, 97% CaCO , Binde	prox. r

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=t Kent

Analyst: Ken Scheske

By: Kurt Kettler

CLIENT

LAMAR COMMUNITY COLLEGE

2401 South Main Street Lamar, Colorado 81052

PROJECT

LIMITED ASBESTOS BUILDING INSPECTION Window Replacement Project - Caulking Lamar, Colorado

CONSULTANT

OCCUPATIONAL HEALTH TECHNOLOGIES, INC.

2220 East Bijou Street, Suite 153 Colorado Springs, Colorado 80909

PROJECT DATE

2011

January 29, 2002

INSPECTED & REPORTED BY

THOMAS F. ANTONSON Director, Projected Designer

Occupational Health Technologies, Inc.



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A/P - A/R: 171 University Circle Pueblo, Colorado 81005-1650 (719) 566-0422

Lab: 2220 East Bijou Street, Suite 153 Colorado Springs, Colorado 80909 (719) 227-8511 FAX (719) 227-8501

On January 29, 2002, Occupational Health Technologies, Inc. (OHT) conducted an investigation for the presence of asbestos in building materials for Lamar Community College in Lamar, Colorado. The purpose of the investigation was to identify any asbestos-containing building materials prior to the removal and replacement of the external windows located in the Bowman administration building, and the Trustee's building.

The exterior window frame caulking, applied in the 1950 as weather stripping to both buildings had been questioned by several asbestos abatement contractors as to whether it might contain asbestos.

To more clearly define a situation that could impact the environment, LCC requested that bulk samples of the caulking be collected for an asbestos investigation. Five bulk samples were collected from each building.

The gray caulking found on the Trustee building test positive for asbestos. Even though two other small windows located on the same building did not contain any asbestos, there is enough testing evidence that the caulking is homogeneous and therefore, by definition of homogeneous would make all the caulking on the building asbestos containing. Further testing would be needed to determine if all the rest of the small windows are free of asbestos.

Three samples taken of caulking around the large window on the Bowman Administration building tested positive for asbestos. The caulking on the small north side windows which contain asbestos was both hard and gray in color. The small windows on the south side had a caulking that was softer but still gray in color. The softer caulking samples did not contain asbestos.

The samples were analyzed using the Environmental Protection Agency Method for the Determination of Asbestos in Bulk Building Materials (EPA 600/M4-82-020). This method uses polarized light microscopy and dispersion staining as established in 40 CFR Part 763. The bulk samples were analyzed in a laboratory using the National Institute of Standards and Technology (NIST) standards. The laboratory is also a successful participant in the National Voluntary Laboratory Accreditation Program (NVLAP) as administered.

Continued

Lamar Community College Window Removal Project - Caulking Page 2

CONCLUSION

As a result of the positives analysis, all exterior caulking is considered as being asbestos containing. More testing might change this conclusion. It is believed that if one area or building could be confirmed as not containing asbestos that there would be a significant savings in abatement costs. Should another survey be undertaken, it is OHT's suggestion to isolate each floor of each building and assess them as a stand-alone test survey area. Those areas who's caulking tested positive would be required to be abated accordingly to state law.

Attached to this report are results of the laboratory analysis of the samples and inspector and laboratory certifications.

Respectfully submitted,

Homas F. autorison

Thomas F. Antonson, Director OCCUPATIONAL HEALTH TECHNOLOGIES, INCORPORATED



ABBREVIATIONS:

Ström Environmental, Inc. Environmental Testing Services 7100 N. Broadway Ste. 6-S, Denver, CO. 80221 Phone (866)487-4533 Fax (303)487-4534

BULK ASBESTOS SAMPLE ANALYSIS REPORT

NIST/NVLAP LAB #200450-0

CLIENT:	OCCUPATIONAL HEALTH TECH, INC.	SEI PROJECT #:	0102-63
	2220 E. BIJOU ST., SUITE 153	DATE OF RECEIPT:	01-30-02
	COLORADO SPRINGS, CO 80909	DATE OF ANALYSIS:	01-30-02
CLIENT PROJECT #:	12529	SAMPLED BY:	CLIENT
PROJECT NAME:	TRUSTEE & BOWMAN BLDGS.	PAGE #:	1 OF 1

SAMPLE TYPE **VT-Vinyl Floor Tile FS-Floor Sheeting AC-Acoustical Spray-On CT-Ceiling** Tile **DJM-Drywall Joint Mud WP-Wall Plaster GRAN-Granular**

ASBESTOS TYPE
CHRYS-Chrysotile
AMOS-Amosite
CROC-Crocidolite
TREM-Tremolite
NAD-No Asbestos Detected
TRACE-<1% Asbestos

MATERIAL TYPE **CELL-Cellulose FG-Fibrous Glass AGG-Aggregate NF-Non Fibrous BIN-Binder** SYN-Synthetic HH-Horse Hair

CLIENT #	SEI LAB #	SAMPLE DESCRIPTION	% ASBESTOS	OTHER MATERIALS	Sample Condition	homogeneous
LCC0129-01	16694	CAULKING-WHITE, GRAN	NAD	100%NF	GOOD	YES
LCC0129-02	16695	CAULKING-WHITE, GRAN	NAD	100%NF	GOOD	YES
LCC0129-03	16696	CAULKING-GREY, GRAN	3%CHRYS 3% TOTAL ASBESTOS	+NF	GOOD	YES
LCC0129-04	16697	CAULKING-GREY, GRAN	2%CHRYS 2% TOTAL ASBESTOS	+NF	GOOD	YES
LCC0129-05	16698	CAULKING-WHITE, GRAN	NAD	100%NF	GOOD	YES
LCC0129-06	16699	CAULKING-GREY, GRAN	3%CHRYS 3% TOTAL ASBESTOS	+NF	GOOD	YES
LCC0129-07	16700	CAULKING-GREY, GRAN	4%CHRYS 4% TOTAL ASBESTOS	+NF	GOOD	YES
LCC0129-08	16701	CAULKING-BROWN, GRAN	NAD	100%NF	GOOD	YES
LCC0129-09	16702	CAULKING-BROWN, GRAN	NAD	100%NF	GOOD	YES
LCC0129-10	16703	CAULKING-GREY, GRAN	NAD	100%NF	GOOD	YES

METHOD: **DETECTION LIMIT:** ANALYST:

Polarized Light Microscopy, EPA Method 600/R-93/116 1% Asbestos Lars Malmstrom

Authorized Signature:

Lars Malmstrom/Dab Director

*This report pertains only to the items tested. This report may not be reproduced except in full with permission of SEI. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. Floor Tile samples may yield "Faise Negative" (<1%) asbestos due to the size of asbestos fibers. Definitive results can be obtained by TEM or SEM analysis. SEI recommends re-analysis by point count(for more accurate quantification) or TEM Analysis(for enhanced detection) for materials regulated by EPA NESHAPS and containing less than ten percent (<10%) ashestos by Polarized Light (PLM). Both services are available for an additional fee.



October 27, 2020

Sean Lirley 2401 S Main St. Lamar, CO. 81052

Asbestos Bulk sampling - Door Replacement Project

Mr. Lirley

October 21st, 2020, Symtek Consulting, Inc. (Symtek) performed bulk sampling at Lamar Community College located at 2401 S Main St. Lamar, CO. 81052. This report includes bulk sampling of suspect asbestos containing material for the Door Replacement Project to be conducted in the Bowman and Trustee buildings. This report will provide you with our findings and includes data tables (chain of custody) summarizing the locations of homogeneous materials, sample locations, asbestoscontaining materials (where applicable), and non-asbestos-containing materials.

The sampling was performed in accordance with the Environmental Protection Agency's (EPA), National Emission Standards for Hazardous Air Pollutants (NESHAPS), the Occupational Safety and Health Administration's (OSHA) and Colorado's Regulation No. 8 protocols. This regulation requires that surveys be completed by Asbestos Hazard Emergency Response Act (AHERA; 40 CFR 763) accredited inspectors.

<u>Scope of Work</u>

- Bowman Building
 - Sample for removal, 20sf Plaster and Stucco around Doors. Performed at the following locations
 - Rooms: 150, HIW, 128, 148, 129, 229, 230.
- Trustee Building
 - Sample for removal, 20sf Plaster and Stucco around Doors. Performed at the following locations
 - Rooms: Business Office, Controllers Office, 226, 219, 204.

Symtek Activities

- Collect bulk samples of suspect materials identified and send them to an independent laboratory for analysis by Polarized Light Microscopy (PLM).
- Provide a written report which includes a summary of the materials sampled along with the laboratory analysis results.

• Provide an explanation of materials recommended for removal prior to renovation activities. (If Applicable)

Symtek based the findings strictly upon field observations made during the site visit, information provided by persons interviewed, samples collected, and laboratory analysis. The findings and conclusions drawn from the bulk sampling are based on conditions observed during the site visit. Symtek makes no representations as to the condition of the site following the time of the inspection.

Representative bulk samples were collected from materials comparable in appearance, however, this is not a guarantee that materials of comparable appearance are of the same composition. Materials that are comparable in appearance are subject to uneven mixing and distribution, and random sampling can miss asbestos materials. Symtek used reasonable thoroughness and its professional judgment consistent with industry standards in order to identify asbestos materials at the site.

Sampling Procedures

Samples were collected from the area in a random method as required by the Environmental Protection Agency (EPA) Final Rule. Suspect materials uniform in texture and color were grouped together as homogeneous materials. If there were reasons to suspect that the materials might be different, then the materials were identified as separate homogeneous materials. Suspect materials were divided into one of the three categories recognized by regulatory agencies:

- Thermal System Insulation (TSI)
 - Pipe Runs, Fittings, Boilers, Ducts, Tanks, Breeching, etc.
- Surfacing Material
 - Material that are sprayed-on or troweled-on
 - Acoustical Plaster, Wall Texture, etc.
- Miscellaneous Material
 - All remaining materials that does not include surfacing material or TSI
 - Ceiling Tile, Flooring, Roofing Felt, Concrete Pipe, Siding, etc.

Samples were collected using equipment, as needed. Sampling equipment was decontaminated between samples with a wet sanitary wipe to avoid cross-contamination. The samples were then placed in sealed bags, recorded on a chain of custody form, and sent to the laboratory for analysis.

Analytical Testing Methods

Samples were analyzed by the following method:

• Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method using Polarized Light Microscopy (PLM)

EMSL was contracted to perform laboratory analysis of the bulk samples collected. EMSL is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the American Industrial Hygiene Association, NVLAP Lab Code 200188-0.

Asbestos Survey

The asbestos limited inspection was performed by Carl Bump, who at the time of the inspection was / is EPA accredited and a Colorado State Certified Asbestos Building Inspector.

A total of Twelve (12) bulk samples were collected. Based on my inspection, the following types of suspect asbestos-containing materials were identified:

- Thermal System Insulation (TSI)
 - o N/A
- Surfacing Materials
 - Plaster (HA-1, 2)
 - o Stucco (HA-1, 2)
- Miscellaneous Materials
 - o N/A

Summary of Results

Sample Number	Type of	Material	Location	% of Asbestos			
LCCD - 01	Plaster Stucco		Bowman Building Room 150	None Detected None Detected			
LCCD - 02	Plaster	Stucco	Bowman Building Room HIW	None Detected None Detected			
LCCD - 03	Plaster	Stucco	Bowman Building Room 128	None Detected None Detected			
LCCD - 04	Plaster	Stucco	Bowman Building Room 148	None Detected None Detected			

LCCD - 05	Plaster	Stucco	Bowman Building Room 129	None Detected None Detected
LCCD – 06	Plaster	Stucco	Bowman Building Room 229	None Detected None Detected
LCCD – 07	Plaster	Stucco	Bowman Building Room 230	None Detected None Detected
LCCD – 08	Plaster	Stucco	Trustee Building business office	None Detected None Detected
LCCD – 09	Plaster	Stucco	Trustee Building controller office	None Detected None Detected
LCCD – 10	Plaster	Stucco	Trustee Building Room 226	None Detected None Detected
LCCD – 11	Plaster	Stucco	Trustee Building Room 219	None Detected None Detected
LCCD - 12	Plaster	Stucco	Trustee Building Room 204	None Detected None Detected

Laboratory results indicate that 12 of 12 samples collected are None-Detected for Asbestos

Conclusion

The Plaster / Stucco materials sampled and identified as suspect asbestos containing has been determined to be Non-Asbestos. This material was randomly sampled within a 12 inch distance from the door jams. All doors may be removed by all personnel.

<u>Asbestos Containing Material Identified</u> – Floortile and Mastic 9X9 and 12X12 has been identified at each door location to be removed. Covebase and Mastic is also present at several locations. This material should be removed prior to door replacement.

It is recommended that a licensed GAC be used for the asbestos removal.

Lead in Paint sampling was conducted concurrently with asbestos sampling.

If you have any questions, feel free to contact me at 719-201-9097

Sincerely

al Brown.

Carl Bump Symtek Consulting, Inc.

Attached: Laboratory Analysis Results, Chain of Custody, Certifications.



Attention: Symtek

Tel/Fax: (800) 220-3675 / (856) 786-5974 http://www.EMSL.com / cinnasblab@EMSL.com EMSL Order: 042025710 Customer ID: SYMT78 Customer PO: Project ID:

Project: Lamar CC / Bowman and Trustee

Colorado Springs, CO 80908

Symtek Consulting

PO Box 88045

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Asbestos		
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Туре
LCCD-01-Plaster	Room 150 Inside - Bowman - Plaster	Gray/Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
			HA: 1		
LCCD-01-Stucco	Room 150 Inside - Stucco	White Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
LCCD-02-Plaster	Room HIW - Bowman - Plaster	Gray/Tan Non-Fibrous Homogeneous	3% Cellulose	97% Non-fibrous (Other)	None Detected
		Themegeneede	HA: 1		
LCCD-02-Stucco	Room HIW - Stucco	White Non-Fibrous	4% Cellulose	96% Non-fibrous (Other)	None Detected
042025710-0002A		Homogeneous	HΔ· 1		
LCCD-03-Plaster	Room 128 Inside - Bowman - Plaster	Gray/Tan Non-Fibrous		100% Non-fibrous (Other)	None Detected
042025710-0003		Homogeneous	HA: 1		
LCCD-03-Stucco	Room 128 Inside - Stucco	White Non-Fibrous	5% Cellulose	95% Non-fibrous (Other)	None Detected
042025710-0003A		Homogeneous	ΗΔ· 1		
LCCD-04-Plaster	Room 148 Inside - Bowman - Plaster	Gray/Tan Non-Fibrous	10.1	100% Non-fibrous (Other)	None Detected
042025710-0004		Homogeneous	HA: 1		
LCCD-04-Stucco	Room 148 Inside - Stucco	White Non-Fibrous	5% Cellulose	95% Non-fibrous (Other)	None Detected
042025710-0004A		Homogeneous	HA: 1		
LCCD-05-Plaster	Room 129 Inside - Bowman - Plaster	Gray/Tan Non-Fibrous		100% Non-fibrous (Other)	None Detected
042025710-0005		Homogeneous	LIA- 1		
LCCD-05-Stucco	Room 129 Inside - Stucco	White Non-Fibrous	2% Cellulose	98% Non-fibrous (Other)	None Detected
042025710-0005A		Homogeneous	114.4		
LCCD-06-Plaster	Room 229 Inside - Bowman - Plaster	Gray/Tan Non-Fibrous	п л. т	100% Non-fibrous (Other)	None Detected
042025710-0006		Homogeneous	114. 4		
	Room 220 Inside -	White		96% Non-fibrous (Other)	None Detected
200D-00-31000	Stucco	Non-Fibrous			
042025710-0006A		Homogeneous	HA: 1		



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077 Tel/Fax: (800) 220-3675 / (856) 786-5974 http://www.EMSL.com / cinnasblab@EMSL.com EMSL Order: 042025710 Customer ID: SYMT78 Customer PO: Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Asbestos				
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Туре		
LCCD-07-Plaster	Room 230 Inside - Bowman - Plaster	Gray/Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected		
			HA: 1				
LCCD-07-Stucco 042025710-0007A	Room 230 Inside - Stucco	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected		
		5	HA: 1				
LCCD-08-Plaster	Business Office - Trustee - Plaster	Gray/Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected		
			HA: 2				
LCCD-08-Stucco	Business Office - Stucco	White Non-Fibrous		100% Non-fibrous (Other)	None Detected		
042025710-0008A		Homogeneous	HA: 2				
LCCD-09-Plaster	Controller Office - Trustee - Plaster	Gray/Tan Non-Fibrous		100% Non-fibrous (Other)	None Detected		
042025710-0009		Homogeneous					
LCCD-09-Stucco	Controller Office -	White	HA: 2	100% Non-fibrous (Other)	None Detected		
042025710-0009A	34000	Homogeneous	HA: 2				
LCCD-10-Plaster	Room 226 Inside - Trustee - Plaster	Gray/Tan Non-Fibrous		100% Non-fibrous (Other)	None Detected		
042025710-0010		Homogeneous	HA: 2				
LCCD-10-Stucco	Room 226 Inside - Stucco	White Non-Fibrous		100% Non-fibrous (Other)	None Detected		
042025710-0010A		Homogeneous	HA: 2				
LCCD-11-Plaster	Room 219 Inside - Trustee - Plaster	Gray/Tan Non-Fibrous	10.2	100% Non-fibrous (Other)	None Detected		
042025710-0011		Homogeneous	HA: 2				
LCCD-11-Stucco	Room 219 Inside - Stucco	White Non-Fibrous		100% Non-fibrous (Other)	None Detected		
042025710-0011A		Homogeneous	HA: 2				
LCCD-12-Plaster	Room 204 - Trustee - Plaster	Gray/Tan Non-Fibrous		100% Non-fibrous (Other)	None Detected		
042025710-0012		Homogeneous	HA: 2				
LCCD-12-Stucco	Room 204 - Stucco	White Non-Fibrous		100% Non-fibrous (Other)	None Detected		
042025710-0012A		Homogeneous	HA: 2				



EMSL Analytical, Inc.

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Analyst(s)

Andrew Coward (18) Nancy Stalter (6)

Somantha Kunghano

Samantha Rundstrom, Laboratory Manager or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367, LA #04127

Initial report from: 10/23/2020 10:54:29

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Colorado Department of Public Health and Environment

ASBESTOS CERTIFICATION*

This certifies that

Carl Bump

Certification No.: 11425

has met the requirements of 25-7-507, C.R.S. and Air Quality Control Commission Regulation No. 8, Part B, and is hereby certified by the state of Colorado in the following discipline:

Inspector/Management Planner*

Issued: August 14, 2020

Expires: August 12, 2021

* This certificate is valid only with the possession of a current Division-approved training course certification in the discipline specified above.

Authorized APCD Representative

SEAL



October 27, 2020

Sean Lirley 2401 S Main St. Lamar, CO. 81052

Lead Bulk sampling - Door Replacement Project

Mr. Lirley

October 21st, 2020, Symtek Consulting, Inc. (Symtek) performed bulk sampling at Lamar Community College located at 2401 S Main St. Lamar, CO. 81052. This report includes bulk sampling of suspect lead containing material for the Door Replacement Project to be conducted in the Bowman and Trustee buildings.

Lead Sampling:

Suspect lead containing materials were collected from the following locations: All samples were collected from the Door Jam.

- Bowmen Building Rooms: 150, HIW, 128, 148, 129, 229, 230.
- Trustee Building Rooms: Business Office, Controllers Office, 226, 219, 204.

The sampling was performed in accordance with the Environmental Protection Agency's (EPA), National Emission Standards for Hazardous Air Pollutants (NESHAPS), the Occupational Safety and Health Administration's (OSHA) and Colorado's Regulation.

<u>Lead</u>

Lead containing materials are defined as those materials containing lead at/or above 1.0 mg/cm²; 0.5% by weight; or 5000 ppm (parts per million).

Analytical Testing Methods

Samples were analyzed by the following method:

• Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B) *

EMSL was contracted to perform laboratory analysis of the bulk samples collected. EMSL is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the American Industrial Hygiene Association, NVLAP Lab Code 200188-0.

<u>Lead Survey</u>

The limited lead survey was performed by Carl Bump. This survey was focused in areas that may be impacted by the replacement of Doors and Door Jams.

Twelve (12) samples were collected. Based on laboratory Analysis, the following types of materials were identified:

Sample Number	Location	Component	Substrate	Color	Result
LCCD - L01	Bowmen Building Room 150	Door Jam	Metal	White	0.027% wt
LCCD - L02	Bowmen Building Room HIW	Door Jam	Metal	White	0.044% wt
LCCD - L03	Bowmen Building Room 128	Door Jam	Metal	White	0.035% wt
LCCD - L04	Bowmen Building Room 148	Door Jam	Metal	White	0.069% wt
LCCD - L05	Bowmen Building Room 129	Door Jam	Metal	White	0.028% wt
LCCD - L06	Bowmen Building Room 229	Door Jam	Metal	White	0.030% wt
LCCD - L07	Bowmen Building Room 230	Door Jam	Metal	White	0.020% wt
LCCD - L08	Trustee Building Business office	Door Jam	Metal	White	0.019% wt
LCCD - L09	Trustee Building Controller office	Door Jam	Metal	White	0.074% wt
LCCD – L10	Trustee Building Room 226	Door Jam	Metal	White	0.085% wt
LCCD – L11	Trustee Building Room 219	Door Jam	Metal	White	0.039% wt
LCCD – L12	Trustee Building Room 204	Door Jam	Metal	White	0.045% wt

Summary of Results

Laboratory results indicate that 12 of 12 samples collected are Below the regulatory level of 0.5% by weight

Conclusion

All Door Jams tested had laboratory results below the regulatory level of 0.5% by weight. This material may be impacted and removed by all Occupants, Personnel, and Trades.

Doors and Jams may be removed using general construction methods.

<u>Asbestos Containing Material Identified</u> – Floortile and Mastic 9X9 and 12X12 has been identified at each door location to be removed. Covebase and Mastic is also present at several locations. This material should be removed prior to door replacement.

It is recommended that a licensed GAC be used for the asbestos removal.

Asbestos sampling was conducted concurrently with lead sampling.

If you have any questions, feel free to contact me at 719-201-9097

Sincerely

alburg.

Carl Bump Symtek Consulting, Inc.

Attached: Laboratory Analysis Results, Chain of Custody



Attn:	Symtek
	Symtek Consulting
	PO Box 88045
	Colorado Springs, CO 80908

Phone: Fax: Received: Collected: (719) 201-9097 10/22/20 11:00 AM 10/21/2020

Project: Lamar CC / Bowmen + Trustee Bld.

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)*

Client Sample Description	Lab ID	Collected	Analyzed	Weight	Lead Concentration
LCCD-L01	202009737-0001	10/21/2020	10/22/2020	0.2765 g	0.027 % wt
	Site: Room 150	Jam			
LCCD-L02	202009737-0002	10/21/2020	10/22/2020	0.2435 g	0.044 % wt
	Site: Room H1V	/ Jam			
LCCD-L03	202009737-0003	10/21/2020	10/22/2020	0.2602 g	0.035 % wt
	Site: Room 128	Jam			
LCCD-L04	202009737-0004	10/21/2020	10/22/2020	0.2607 g	0.069 % wt
	Site: Room 148	Jam			
LCCD-L05	202009737-0005	5 10/21/2020	10/22/2020	0.1721 g	0.028 % wt
	Site: Room 129	Jam			
LCCD-L06	202009737-0006	10/21/2020	10/22/2020	0.1468 g	0.030 % wt
	Site: Room 229	Jam			
LCCD-L07	202009737-0007	10/21/2020	10/22/2020	0.1922 g	0.020 % wt
	Site: Room 230	Jam			
LCCD-L08	202009737-0008	10/21/2020	10/22/2020	0.2595 g	0.019 % wt
	Site: Buisness C	Office			
LCCD-L09	202009737-0009	10/21/2020	10/22/2020	0.1615 g	0.074 % wt
	Site: Controller (Office			
LCCD-L10	202009737-0010	10/21/2020	10/22/2020	0.2518 g	0.085 % wt
	Site: Room 226	Jam			
LCCD-L11	202009737-0011	10/21/2020	10/22/2020	0.1394 g	0.039 % wt
	Site: Room 219	Jam			
LCCD-L12	202009737-0012	10/21/2020	10/22/2020	0.2548 g	0.045 % wt
	Site: Room 204	Jam			

Min and ledy

Phillip Worby, Lead Laboratory Manager or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted.

Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.008% wt based on the minimum sample weight per our SOP. "<" (less than) result signifies the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. Definitions of modifications are available upon request. Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, AIHA-LAP, LLC ELLAP 100194, A2LA 2845.01

	Received By:		NOTE:	(1/10-1/2)	117-037 11	16 LCCD- L10	94000 - 209	81000-108	7400-207	6200-206	5 LCCD - LOS	4LCCD-LOH	3 1003 - 203	2 LCCD - LOZ	12005- 201	Sample #	Job Name/Address: Bou	Client Name: 24Ma	Bulk Sampl	
SYMTEK CONSULTIN PO Box 8804	. EPY	100	Dev. 1 mm	Non Taim				Trustee - Door JAM	DOOT JAM					Door JAM	BOWMEN - Door JAN	Material Type / Color (tsi, surfacing, miscellaneous)	ymen + Trustee bid.	r CC Date: 10-21-20	ing Chain of Custody	
G, INC. 719-201-9097 symtek1@msn.com 5 - Colorado Springs – Colorado - 80908	Date: 10/22/20 11 Am	Det.		Provin 204 TAM	ROOM 219 JAM	Room 226 Jun	Controller office	BUISNESS Office	Room 230 TAM	Room 229 JAM	Room 129 IAM.	Room 148 JAM	Room 128 JAM	Room HIW JAN.	N ROOM ISO JAM	Location (from, where, how far)	Email Results to: Symtek 1@msn.com	Method PLM unless otherwise noted / FAD	TAT: 6hr 24hr 48hr 72hr 9	Johng 751
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8 c		6														Picture / map	8	10	2-wk	
-		12 RUN											JAM	3×7	Standary	Material Quantity	1	L'AT		



November 11, 2020

Sean Lirley 2401 S Main St. Lamar, CO. 81052

Bulk sampling for Elevator Install

Mr. Lirley

On November 6, 2020, Symtek Consulting, Inc. (Symtek) performed bulk sampling at Lamar Community College located at 2401 S Main St. Lamar, CO. 81052. This report includes Additional asbestos bulk sampling for the addition of two elevators in the Administration and Bowman Buildings.

This report will provide you with our findings and includes data tables (chain of custody) summarizing the locations of homogeneous materials, sample locations, asbestos-containing materials (where applicable), and non-asbestos-containing materials.

The sampling was performed in accordance with the Environmental Protection Agency's (EPA), National Emission Standards for Hazardous Air Pollutants (NESHAPS), the Occupational Safety and Health Administration's (OSHA) and Colorado's Regulation No. 8 protocols. This regulation requires that surveys be completed by Asbestos Hazard Emergency Response Act (AHERA; 40 CFR 763) accredited inspectors.

Scope of Work

- Administration Building (Bowman West)
 - Following memorandum issued October 27, 2020.
 - Angeline Aradanas-Hall
- Bowman Building (Bowman East)
 - Following memorandum issued October 27, 2020.
 - Angeline Aradanas-Hall

Symtek Activities

- Collect bulk samples of materials identified in memorandum and send them to an independent laboratory for analysis by Polarized Light Microscopy (PLM).
- Provide a written report which includes a summary of the materials sampled along with the laboratory analysis results.
- Provide an explanation of materials recommended for removal prior to renovation activities. (If Applicable)

Symtek based the findings strictly upon field observations made during the site visit, information provided by persons interviewed, samples collected, and laboratory analysis. The findings and conclusions drawn from the bulk sampling are based on conditions observed during the site visit. Symtek makes no representations as to the condition of the site following the time of the inspection.

Representative bulk samples were collected from materials comparable in appearance, however, this is not a guarantee that materials of comparable appearance are of the same composition. Materials that are comparable in appearance are subject to uneven mixing and distribution, and random sampling can miss asbestos materials. Symtek used reasonable thoroughness and its professional judgment consistent with industry standards in order to identify asbestos materials at the site.

Sampling Procedures

Samples were collected from the area in a random method as required by the Environmental Protection Agency (EPA) Final Rule. Suspect materials uniform in texture and color were grouped together as homogeneous materials. If there were reasons to suspect that the materials might be different, then the materials were identified as separate homogeneous materials. Suspect materials were divided into one of the three categories recognized by regulatory agencies:

- Thermal System Insulation (TSI)
 - Pipe Runs, Fittings, Boilers, Ducts, Tanks, Breeching, etc.
- Surfacing Material

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- Material that are sprayed-on or troweled-on
 - Acoustical Plaster, Wall Texture, etc.
- Miscellaneous Material
 - All remaining materials that does not include surfacing material or TSI
 - Ceiling Tile, Flooring, Roofing Felt, Concrete Pipe, Siding, etc.

Samples were collected using equipment, as needed. Sampling equipment was decontaminated between samples with a wet sanitary wipe to avoid cross-contamination. The samples were then placed in sealed bags, recorded on a chain of custody form, and sent to the laboratory for analysis.

Analytical Testing Methods

Samples were analyzed by the following method:

• Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method using Polarized Light Microscopy (PLM)

EMSL was contracted to perform laboratory analysis of the bulk samples collected. EMSL is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the American Industrial Hygiene Association, NVLAP Lab Code 200188-0.

Asbestos Survey

The asbestos limited inspection was performed by Carl Bump, who at the time of the inspection was / is EPA accredited and a Colorado State Certified Asbestos Building Inspector.

A total of Forty-One (41) bulk samples were collected. Based on my inspection, the following types of suspect asbestos-containing materials were identified:

- Thermal System Insulation (TSI)
 - \circ Elbows
 - \circ Insulation
- Surfacing Materials
 - o Plaster
 - o Overspray
- Miscellaneous Materials
 - o 12x12 ceiling tile Glue dots
 - Adhesive, stair cap
 - Roofing Material
 - Floortile / Mastic
 - Covebase / Mastic
 - 2x4 Ceiling Tiles
 - Insulation (lay-in)

Summary of Results

Sample #	Material	Location	Category	Friable	% /Type Asbestos	Point Count	Material be Removed
LCC1106 01 A	Elbow Pipe	2" water pipe to be relocated Under stairs	TSI	Yes	2% Amosite 3% Chrysotile	N/A	Yes
LCC1106 02 A	Elbow Pipe	2" water pipe to be relocated Under stairs	TSI	Yes	2% Amosite 3% Chrysotile	N/A	Yes
LCC1106 03 A	Insulation Pipe	2" water pipe to be relocated Under stairs	TSI	No	None Detected	N/A	No
LCC1106 04 A	Glue Dot 12X12 CT	Ceiling Corridor outside 107A + 107B	Miscellaneous	No	2% Chrysotile	N/A	Yes
LCC1106 05 A	Glue Dot 12X12 CT	Ceiling Corridor outside 107A + 107B	Miscellaneous	No	2% Chrysotile	N/A	Yes
LCC1106 06 A	Plaster	Ceiling Corridor outside 107A + 107B	Surfacing	No	None Detected	N/A	No
LCC1106 07 A	Plaster	Ceiling Corridor outside 107A + 107B	Surfacing	No	None Detected	N/A	No

LCC1106 08 A	Plaster	North wall East Entrance bottom of stair	Surfacing	No	None Detected	N/A	No
LCC1106 09 A	Plaster	North wall East Entrance	Surfacing	No	None Detected	N/A	No
LCC1106 10 A	Plaster	South wall East Entrance	Surfacing	No	None Detected	N/A	No
LCC1106 11 + 12 A	Adhesive	Stair Cap ½ wall East Entrance	Miscellaneous	No	None Detected	N/A	No
LCC1106 13 + 14 A	Insulation Duct	Room 209 Above ceiling	TSI	No	None Detected	N/A	No
LCC1106 15 + 16 A	Overspray On duct	Room 209 Above ceiling	Miscellaneous	No	None Detected	N/A	No
LCC1106 17 + 18 B	Roofing Material	Bowman Roof At MLR add	Miscellaneous	No	None Detected	N/A	No
LCC1106 19 A	Glue Dot 12X12 CT	Interior Soffit East Entrance	Miscellaneous	No	2% Chrysotile	N/A	Yes
LCC1106 20 A	Glue Dot 12X12 CT	Interior Soffit East Entrance	Miscellaneous	No	2% Chrysotile	N/A	Yes
LCC1106 21 + 22 A	Plaster	Interior Soffit East Entrance	Surfacing	No	None Detected	N/A	No
LCC1106 23 + 24 A	Plaster	Exterior Soffit East Entrance	Surfacing	No	None Detected	N/A	No
LCC1106 25 + 26 B	Floortile Mastic	Room 231 Under carpet	Miscellaneous	No	4% - 10% Chrysotile	N/A	Yes
LCC1106 27 + 28 B	Covebase Mastic	Room 231	Miscellaneous	No	None Detected	N/A	No
LCC1106 29 + 30 B	Ceiling Tile 2X4 Pinhole	Room 231	Miscellaneous	No	None Detected	N/A	No
LCC1106 31 + 32 B	Insulation Lay-in	Room 231	Miscellaneous	No	None Detected	N/A	No
LCC1106 33 B	Floortile Mastic	Room 230 Under carpet	Miscellaneous	No	4% - 8% Chrysotile	N/A	Yes
LCC1106 34 B	Floortile Mastic	Room 229 Under carpet	Miscellaneous	No	4% - 8% Chrysotile	N/A	Yes
LCC1106 35 B	Floortile Mastic	Hall 230/229 Under carpet	Miscellaneous	No	5% - 8% Chrysotile	N/A	Yes
LCC1106 36 B	Elbow Pipe	Room 136 Open area	TSI	Yes	<1% Amosite 3% Chrysotile	N/A	Yes
LCC1106 37 B	Elbow Pipe	Room 137 Open area	TSI	Yes	<1% Amosite 3% Chrysotile	N/A	Yes
LCC1106 38 + 39 B	Insulation Pipe	Room 136/137 Open area	TSI	No	None Detected	N/A	No

LCC1106 40 B	Floortile Mastic	Room 136 Under carpet	Miscellaneous	No	5% - 8% Chrysotile	N/A	Yes
LCC1106 41 B	Floortile Mastic	Room 137 Under carpet	Miscellaneous	No	5% - 8% Chrysotile	N/A	Yes

Conclusion / Recommendations

TSI Elbows located Under the Stairs in Administration and the TSI Elbows located in rooms 136, 137 in Bowman are confirmed asbestos containing. The insulation on the straight runs is non asbestos.

All areas that have 12X12 ceiling tiles present have Brown or dark colored Glue Dots used to adhere the tiles. These Glue Dots have been confirmed as asbestos containing. The ceiling tile is non-asbestos.

Floortile and associated Mastic has been confirmed asbestos containing. This material is throughout the areas of concern. This tile and mastic is located under Carpet and Other floortile.

It is recommended that a licensed General Abatement Contractor be used for the removal of Asbestos Containing Material.

All other material tested was none detected for asbestos.

If you have any questions, feel free to contact me at 719-201-9097

Sincerely

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Carl Bump Symtek Consulting, Inc.

Attached: Memorandum, Laboratory Analysis Results, Chain of Custody, Certifications.



MEMORANDUM

FROM: Angeline Aradanas-Hall

TO: Mr. Sean Lirley Lamar Community College DATE: October 27, 2020

COPY: Dayne Crockett – Skyler Design Build Ken Merola – Schendt Engineering Office file

PAGES: **1** including cover

PROJECT REFERENCE: LCC Upgrade Accessibility Bowman and Administration Buildings Project Number #2016-064M19

Sean,

This is to amend the HA memorandum dated 10/20/2020 to incorporate items brought up in the Skyler Design Build's RFI-01, dated 10/26/2020, inquiring about additional areas for asbestos samplings. The list of additional hazardous test samplings to be performed by LCC's hazards surveyor should include:

Administration Building (Bowman West)

- 2" domestic water service insulation to be removed during relocation of the pipe around elevator shaft
- Corridor ceiling directly outside of existing Offices 107A, 107B (referenced room #s, Sht. A1.01)
- North plaster wall of existing east entrance vestibule, south of existing Office 106B
- South plaster wall of existing east entrance vestibule, north of existing Office 107A
- East entrance vestibule partial height plaster wall, guardrail cap adhesive for existing stairs
- Duct insulation at 2nd floor office 209
- Interior soffit plaster over east entrance stairs
- Exterior soffit plaster, plaza area outside of east entrance vestibule

Bowman Building (Bowman East)

- Duct insulation at the following offices: 136, 137, 229, 230, 231
- All demo finishes associated with 229, 230 and 231
- All demo finishes associated with Room 231 (Additive Alternate 1 scope of work)
- Roofing at new MRL elevator and Additive Alternate 1 RTU unit
- Upper Level building pipe insulation*
- * Confirm the piping insulation referenced in **Samples LCC-35 and LCC-36** of the Symtek Consulting Bulk Sampling Report, dated July 29, 2020 is representative of the Upper Level building pipe insulation affected by this Project scope of work.

Please let us know if you have any questions. Thank you.

Respectfully,

Angeline Aradamas-Hall

Angeline Aradanas-Hall, Architect

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 Received Date:
 11/09/2020 8:50 AM

 Analysis Date:
 11/10/2020 - 11/11/2020

 Collected Date:
 11/06/2020

Project: LAMAR CC ADMINISTRATION/BOWMAN

Colorado Springs, CO 80908

			Asbestos		
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Туре
LCC1106-01	TSI-ELBOW	White Fibrous	50% Min. Wool	45% Non-fibrous (Other)	2% Amosite 3% Chrysotile
222007341-0001		Homogeneous	HA: 1		·
LCC1106-02	TSI-ELBOW	White/Beige Fibrous	50% Min. Wool	45% Non-fibrous (Other)	2% Amosite 3% Chrysotile
222007341-0002		Homogeneous	HA: 1		···· • • • • • • •
LCC1106-03-Wrap	TSI-RUN	White/Silver Fibrous	60% Cellulose	40% Non-fibrous (Other)	None Detected
222007341-0003		Homogeneous	HA: 1		
LCC1106-03-Mastic	TSI-RUN	Black Non-Fibrous		100% Non-fibrous (Other)	None Detected
222007341-0003A		Homogeneous	HA: 1		
LCC1106-03-Insulation	TSI-RUN	Yellow Fibrous	98% Glass	2% Non-fibrous (Other)	None Detected
222007341-0003B		Homogeneous	HA: 1		
LCC1106-04	12X12 CT GLUE DOT	Brown Non-Fibrous		98% Non-fibrous (Other)	2% Chrysotile
222007341-0004		Homogeneous	HA: 2		
LCC1106-05	12X12 CT GLUE DOT	Brown Non-Fibrous		98% Non-fibrous (Other)	2% Chrysotile
222007341-0005		Homogeneous	HA: 2		
LCC1106-06	PLASTER	White/Beige		5% Ca Carbonate	None Detected
222007341-0006		Homogeneous	HA: 3		
LCC1106-07	PLASTER	White/Beige		5% Ca Carbonate 95% Non-fibrous (Other)	None Detected
222007341-0007		Homogeneous	HA: 3		
LCC1106-08-Skim Coat	PLASTER	White/Beige		10% Ca Carbonate	None Detected
222007341-0008		Heterogeneous			
Inseparable paint / coating laye	er included in analysis		HA: 4		
LCC1106-08-Plaster	PLASTER	Beige Non-Fibrous		5% Ca Carbonate 95% Non-fibrous (Other)	None Detected
222007341-0008A		Homogeneous	HA: 4		
LCC1106-09-Skim Coat	PLASTER	White Non-Fibrous		5% Ca Carbonate 95% Non-fibrous (Other)	None Detected
222007341-0009		Homogeneous	HA: 4		



			stos	Asbestos	
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Туре
LCC1106-09-Plaster	PLASTER	Tan Non-Fibrous		5% Ca Carbonate 95% Non-fibrous (Other)	None Detected
222007341-0009A		Homogeneous	HA: 4		
LCC1106-10	PLASTER	White Non-Fibrous		5% Ca Carbonate 95% Non-fibrous (Other)	None Detected
222007341-0010		Homogeneous			
Inseparable paint / coating lay	er included in analysis				
			HA: 4		
LCC1106-11	ADHESIVE	Gray/Beige Non-Fibrous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
Inseparable Beige Adhesive a	nd Gray Concrete layers, A	Analyzed as one.			
, C			HA: 5		
LCC1106-12	ADHESIVE	Gray Non-Fibrous		5% Ca Carbonate 95% Non-fibrous (Other)	None Detected
222007341-0012		Homogeneous	HA: 5		
LCC1106-13	INSULATION	Brown/Silver/Yellow Non-Fibrous	75% Min. Wool	25% Non-fibrous (Other)	None Detected
222007341-0013		Homogeneous			
Result includes a small amour	nt of inseparable attached	material.	LA. 6		
		Silver/Vellew		10% Non fibrous (Other)	Nana Datastad
222007341-0014	INSULATION	Fibrous Heterogeneous	90% Glass	10% Non-librous (Other)	None Detected
		Hotorogonoodo	HA: 6		
LCC1106-15	OVERSPRAY (PLASTER)	Tan/Beige Non-Fibrous		5% Ca Carbonate 95% Non-fibrous (Other)	None Detected
222007341-0015	χ γ	Homogeneous	HA: 7		
LCC1106-16	OVERSPRAY	Tan		5% Ca Carbonate	None Detected
222007341-0016		Non-Fibrous Homogeneous		95% Non-fibrous (Other)	
			HA: 7		
LCC1106-17-Roofing 1	ROOFING (BOWMAN)	Black Fibrous	45% Glass	55% Non-fibrous (Other)	None Detected
222007341-0017		Homogeneous	HA· 8		
LCC1106-17-Roofing 2	ROOFING	Black	45% Glass	55% Non-fibrous (Other)	None Detected
222007341-0017A	(BOWNAN)	Homogeneous	HA: 8		
LCC1106-17-Roofing 3	ROOFING	Black	45% Glass	55% Non-fibrous (Other)	None Detected
222007341-0017B	(BOWINAN)	Homogeneous	HA: 8		
LCC1106-17-Insulation	ROOFING (BOWMAN)	Tan Fibrous	80% Cellulose	20% Non-fibrous (Other)	None Detected
222007341-0017C	(201111/201)	Homogeneous	HA: 8		
LCC1106-18-Roofing	ROOFING	Black	15% Cellulose	85% Non-fibrous (Other)	None Detected
222007341-0018		Homogeneous	HA: 8		
LCC1106-18-Insulation		Brown	85% Cellulose	15% Non-fibrous (Other)	None Detected
222007341-0018A		Homogeneous			

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			Non-As	bestos	Asbestos		
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Туре		
			HA: 8				
LCC1106-19	12X12 NCT GLUE DOT	Brown Non-Fibrous		98% Non-fibrous (Other)	2% Chrysotile		
222007341-0019		Homogeneous	HA: 2				
LCC1106-20	12X12 NCT GLUE DOT	Brown Non-Fibrous		98% Non-fibrous (Other)	2% Chrysotile		
222007341-0020		Homogeneous	HA: 2				
LCC1106-21	PLASTER	White/Beige Non-Fibrous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected		
222007341-0021		Heterogeneous					
Inseparable Skim Coat ayer in	cluded in analysis.						
			HA: 3				
LCC1106-22	PLASTER	White/Beige Non-Fibrous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected		
222007341-0022		Homogeneous					
Inseparable Skim Coat layer in	ciuded in analysis.		LIA: 2				
LCC1106-23	PLASTER	Gray/White	HA. 3	5% Ca Carbonate	None Detected		
222007341-0023		Heterogeneous		95% Non-fibrous (Other)			
Inseparable paint / coating laye	er included in analysis.						
			HA: 9				
LCC1106-24	PLASTER	Gray Non-Fibrous		5% Ca Carbonate 95% Non-fibrous (Other)	None Detected		
222007341-0024		Homogeneous					
			HA: 9				
LCC1106-25-Floor Tile	FLOOR TILE/MASTIC 9X9	White Non-Fibrous		96% Non-fibrous (Other)	4% Chrysotile		
222007341-0025		Homogeneous	HA: 10				
LCC1106-25-Mastic	FLOOR TILE/MASTIC	Black Non-Fibrous		90% Non-fibrous (Other)	10% Chrysotile		
222007341-0025A	0,10	Homogeneous	HA: 10				
LCC1106-26-Floor Tile	FLOOR TILE/MASTIC	Gray		95% Non-fibrous (Other)	5% Chrysotile		
222007341-0026	373	Homogeneous	HA: 10				
LCC1106-26-Mastic	FLOOR TILE/MASTIC	Black		92% Non-fibrous (Other)	8% Chrysotile		
222007341-0026A	9X9	Non-Fibrous Homogeneous					
			HA: 10				
LCC1106-27-Cove Base	COVEBASE/MASTIC (TAN)	Tan Non-Fibrous		100% Non-fibrous (Other)	None Detected		
222007341-0027		Homogeneous	110.44				
		T	HA: 11		New Datastad		
LCC1106-27-Mastic	(TAN)	Ian Non-Fibrous		100% Non-fibrous (Other)	None Detected		
222007341-0027A	(1) (1)	Homogeneous	HA: 11				
LCC1106-28-Cove Base	COVEBASE/MASTIC	Tan		100% Non-fibrous (Other)	None Detected		
222007341-0028	(IAN)	Non-Fibrous Homogeneous	114.44				
			HA: 11				



			Non-Asbe	stos	Asbestos		
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type		
LCC1106-28-Mastic	COVEBASE/MASTIC (TAN)	Brown Non-Fibrous		100% Non-fibrous (Other)	None Detected		
222007341-0028A		Homogeneous	HA: 11				
LCC1106-29	CEILING TILE 2X4 PINHOLE	Tan/White Fibrous	65% Cellulose 15% Min_Wool	20% Non-fibrous (Other)	None Detected		
222007341-0029		Homogeneous	HA: 12				
LCC1106-30	CEILING TILE 2X4	Tan/White	45% Cellulose 45% Min. Wool	10% Non-fibrous (Other)	None Detected		
222007341-0030		Homogeneous	HA: 12				
LCC1106-31-Insulation	INSULATION- LAY IN	Pink Fibrous	98% Min. Wool	2% Non-fibrous (Other)	None Detected		
222007341-0031		Homogeneous	HA: 13				
LCC1106-31-Wrap	INSULATION- LAY IN	Tan/Black Non-Fibrous	85% Cellulose	15% Non-fibrous (Other)	None Detected		
222007341-0031A		Homogeneous	HA: 13				
LCC1106-32-Insulation	INSULATION- LAY IN	Pink Fibrous	95% Min. Wool	5% Non-fibrous (Other)	None Detected		
222007341-0032		Homogeneous	HA: 13				
LCC1106-32-Wrap	INSULATION- LAY IN	Brown Fibrous	95% Cellulose	5% Non-fibrous (Other)	None Detected		
222007341-0032A		Homogeneous	HA: 13				
LCC1106-33-Mastic 1	FLOORTILE/MASTIC	Tan Non-Fibrous		100% Non-fibrous (Other)	None Detected		
222007341-0033		Homogeneous	HA: 10				
LCC1106-33-Floor Tile	FLOORTILE/MASTIC	White/Beige Non-Fibrous		96% Non-fibrous (Other)	4% Chrysotile		
222007341-0033A		Homogeneous	HA: 10				
LCC1106-33-Mastic 2	FLOORTILE/MASTIC	Black Non-Fibrous		92% Non-fibrous (Other)	8% Chrysotile		
222007341-0033B		Homogeneous	HA: 10				
LCC1106-34-Mastic 1	FLOORTILE/MASTIC	Tan Non-Fibrous		100% Non-fibrous (Other)	None Detected		
222007341-0034		Homogeneous	HA: 10				
LCC1106-34-Floor Tile	FLOORTILE/MASTIC	White Non-Fibrous		96% Non-fibrous (Other)	4% Chrysotile		
222007341-0034A		Homogeneous	HA: 10				
LCC1106-34-Mastic 2	FLOORTILE/MASTIC	Black Non-Fibrous		92% Non-fibrous (Other)	8% Chrysotile		
222007341-0034B		Homogeneous	HA: 10				
LCC1106-35-Mastic 1	FLOORTILE/MASTIC	Tan Non-Fibrous		100% Non-fibrous (Other)	None Detected		
222007341-0035		Homogeneous	HA: 10				



Sample Description Appearance % Fibrous % Fibrous % Fibrous % Type LCC1106-35-Froot Tile FLOORTLEMASTIC UNDER CARP Forw Non-Fibrous 05% Non-Fibrous (Other) 6% Chrysolie 2200714-0238 FLOORTLEMASTIC UNDER CARP Non-Fibrous 81.10 81.10 LCC1106-35-Mastic 2 FLOORTLEMASTIC UNDER CARP Bisck Non-Fibrous 81.10 81.10 LCC1106-36 TSI-FLBOW Beige Non-Fibrous Non 67% Non-fibrous (Other) 41% Amosite 3% Chrysolite 2200734-0238 TSI-FLBOW Tan Fibrous 97% Non-fibrous (Other) 41% Amosite 3% Chrysolite 2200734-0238 TSI-FLBOW Tan Fibrous 97% Non-fibrous (Other) None fibrous 3% Chrysolite LCC1106-37 TSI-FLBOW Tan Fibrous 97% Non-fibrous (Other) None Detected LCC1106-38-Mrap TSI RUN Fibrous Yellow Fibrous 95% Nn. Wool 2% Non-fibrous (Other) None Detected LCC1106-39 TSI RUN Fibrous SilverBeige Strand 95% Nn. Wool 5% Non-fibrous (Other) None Detected LCC1106-40 (Addite 3 a anal anound of inseparable stheld metre	<u>Non-Asbestos</u>					Asbestos
LCC1106-35-Froor Tile LCORTLEMASTIC Gray LCORTLEMASTIC Gray Honospinous Hit 19 LCC106-35-Froor Tile LCORTLEMASTIC Gray Honospinous Hit 19 LCC106-35-Froor Tile LCORTLEMASTIC Gray Honospinous Hit 19 LCC106-36-Cortex Cortex Honospinous H	Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Туре
22220734-0004 Honogeneous LCC1106-35-Mastic 2 ULOER CARP UNDER	LCC1106-35-Floor Tile	FLOORTILE/MASTIC UNDER CARP	Gray Non-Fibrous		95% Non-fibrous (Other)	5% Chrysotile
LCC1106-35-Mastic 2 FLOORTILE/MASTIC UNDER CARP Baile LCC1106-36 TSI-ELBOW Baile TSI-ELBOW Tan Fibrous Homogeneous	222007341-0035A		Homogeneous	114.40		
DRUER CARP Nois-Futular, http://www.initial.as/ http://www.in	LCC1106-35-Mastic 2	FLOORTILE/MASTIC	Black	HA: 10	92% Non-fibrous (Other)	8% Chrysotile
LCC1106-36 TSI-ELBOW Beige Non-Fibrus Hom-Geneous Non-Fibrus (Other) 42% Non-fibrous (Other) 42% Non-fibrus (Other) 42% Non-fibrus (Other) 42% Non-fibrus (Other) 42% Non-fibrus (Other) 45% Chrysotile 40% Non-fibrus (Other) 42% Non-fibrus (Other) 45% Chrysotile 40% Non-fibrus (Other) 40% Non-fibrus (Other) 5% Chrysotile 40% Non-fibrus (Other) 40% Non-fibrus (Other) 40% Chrysotile 40% Non-fibrus (Other) 40% Chr	222007341-0035B	UNDER CARP	Homogeneous	HA: 10		
22207244-008 Homogeneous Homogeneous 14.1 97% Non-fibrous (Other) <1% Amosite 3% Chrysolite 22207244-0037 TSI-ELBOW Tan Elbrous 98% Min. Wool 2% Non-fibrous (Other) None Detected 22207244-0037 TSI-RUN Yellow 98% Min. Wool 2% Non-fibrous (Other) None Detected 22207244-0037 TSI-RUN Yellow 98% Min. Wool 2% Non-fibrous (Other) None Detected 22207244-0038 TSI-RUN Silver/Beige 5% Cellulose 35% Non-fibrous (Other) None Detected 22207244-0039 TSI-RUN Silver/Beige 5% Cellulose 35% Non-fibrous (Other) None Detected 1005 TSI-RUN Brown Fibrous 95% Min. Wool 5% Non-fibrous (Other) None Detected 22007244-0039 TSI-RUN Brown Fibrous 95% Min. Wool 5% Non-fibrous (Other) None Detected 22007244-0049 FLOORTILE/MASTIC Tan Non-Fibrous Homogeneous 100% Non-fibrous (Other) None Detected 22007244-0049 FLOORTILE/MASTIC Tan Non-Fibrous Homogeneous 94% Non-fibrous (Other) 6% Chrysolile 22007244-0049 FLOORTILE/MASTIC Tan Non-Fibrous Homogeneous 100% Non-fibrous (Other) 5% Chrysolile 22007244-0041 FLOORTILE/MASTIC Tan Non-Fibrous Hom	LCC1106-36	TSI-ELBOW	Beige Non-Fibrous	55% Min. Wool	42% Non-fibrous (Other)	<1% Amosite 3% Chrysotile
LCC1106-37 TSI-ELBOW Tan Farous Parous 97% Non-fibrous (Other) <1%, Amosile 3% Chrysotile 4% Non-fibrous (Other) None Detected 5% Collulose 5% Collulose 5% Non-fibrous (Other) None Detected 5% Chrysotile 5% Non-fibrous (Other) None Detected 5% Chrysotile 5	222007341-0036		Homogeneous	HA: 1		
International Stream Price	LCC1106-37	TSI-ELBOW	Tan Fibrous		97% Non-fibrous (Other)	<1% Amosite 3% Chrysotile
LCC1106-38-Insulation TSI RUN Yellow Pibrous IAX 1 LCC1106-38-Wrap TSI RUN Silver/Beige S0% Cellulose 35% Non-fibrous (Other) None Detected 15% Glass 15% G	222007341-0037		Homogeneous	HA: 1		
Non-geneous AK: 1 LCC1106-38-Wrap TSI RUN Silver/Beige Non-Fibrous Heterogeneous 50% Cellulose 15% Glass 35% Non-fibrous (Other) None Detected 22007341-00384 TSI RUN Brown Fibrous Homogeneous 164:1 100% Non-fibrous (Other) None Detected 22007341-0039 TSI RUN Brown Fibrous Homogeneous 95% Min. Wool 5% Non-fibrous (Other) None Detected 22007341-0039 FLOORTILE/MASTIC Tan Non-Fibrous Homogeneous 100% Non-fibrous (Other) None Detected 22007341-0040 FLOORTILE/MASTIC White Non-Fibrous Homogeneous 94% Non-fibrous (Other) 6% Chrysotile 22007341-0040 FLOORTILE/MASTIC Black Non-Fibrous Homogeneous 95% Non-fibrous (Other) 5% Chrysotile 22007341-0040 FLOORTILE/MASTIC Black Non-Fibrous Homogeneous 95% Non-fibrous (Other) 5% Chrysotile 22007341-0040 FLOORTILE/MASTIC Black Non-Fibrous Homogeneous 95% Non-fibrous (Other) 5% Chrysotile 22007341-00474 FLOORTILE/MASTIC Gray Non-Fibrous Homogeneous 100% Non-fibrous (Other) 5% Chrysotile 22007341-00474 FLOORTILE/MASTIC Gray Non-Fibrous Homogeneous 95% Non-fibrous (Other) 5% Chrysotile 22007341-00474 FLOORTILE/MASTIC Gray Non-Fi	LCC1106-38-Insulation	TSI RUN	Yellow Fibrous	98% Min. Wool	2% Non-fibrous (Other)	None Detected
LCC1106-38-Wrap TSI RUN Silver/Beige Non-Fibrous HA 10 LCC1106-40-Mastic 2 FLOORTILE/MASTIC Discus HA 10 LCC1106-41-Mastic 2 FLOORTILE/MASTIC Gray HA 10 HA 10	222007341-0038		Homogeneous	HA: 1		
Instruction of the second o	LCC1106-38-Wrap	TSI RUN	Silver/Beige Non-Fibrous	50% Cellulose 15% Glass	35% Non-fibrous (Other)	None Detected
LCC1106-39 TSI RUN Brown Fibrous 95% Min. Wool 5% Non-fibrous (Other) None Detected 22007341-0049 LCC1106-40-mastic 1 LCC1106-40-Floor Tile FLOORTILE/MASTIC LCC1106-40-Mastic 2 FLOORTILE/MASTIC Substrain Technology Hater 10 LCC1106-41-Mastic 1 LCC1106-41-Mastic 2 FLOORTILE/MASTIC Hate 10 LCC1106-41-Mastic 2 FLOORTILE/MASTIC Hate 10 Hate 10 LCC1106-41-Mastic 2 FLOORTILE/MASTIC Hate 10 Hate 10 LCC1106-41-Mastic 2 FLOORTILE/MASTIC Hate 10 Hate 10 LCC1106-41-Mastic 2 FLOORTILE/MASTIC Hate 10 Ha	222007341-0038A Result includes a small amou	nt of inseparable attached mai	Heterogeneous terial			
LCC1106-39 TSI RUN Brown 95% Min. Wool 5% Non-fibrous (Other) None Detected Fibrous Homogeneous HA: 1 LCC1106-40-mastic 1 FLOORTILE/MASTIC CC1106-40-Floor Tile FLOORTILE/MASTIC LCC1106-40-Mastic 2 FLOORTILE/MASTIC LCC1106-41-Mastic 1 FLOORTILE/MASTIC FLOORTILE/MASTIC CTan Homogeneous HA: 10 LCC1106-41-Floor Tile FLOORTILE/MASTIC CTan Homogeneous HA: 10 LCC1106-41-Floor Tile FLOORTILE/MASTIC CTan Homogeneous HA: 10 LCC1106-41-Floor Tile FLOORTILE/MASTIC FLOORTIL				HA: 1		
222007341-0049 FLOORTILE/MASTIC Tan Non-Fibrous Homogeneous 100% Non-fibrous (Other) None Detected 222007341-0040 FLOORTILE/MASTIC Tan Non-Fibrous Homogeneous 94% Non-fibrous (Other) 8% Chrysotile 222007341-0040 FLOORTILE/MASTIC White Non-Fibrous Homogeneous 94% Non-fibrous (Other) 8% Chrysotile 222007341-0040A FLOORTILE/MASTIC Black Non-Fibrous Homogeneous 95% Non-fibrous (Other) 5% Chrysotile 222007341-0040A FLOORTILE/MASTIC Black Non-Fibrous Homogeneous 95% Non-fibrous (Other) 5% Chrysotile 222007341-00408 FLOORTILE/MASTIC Tan Non-Fibrous Homogeneous 100% Non-fibrous (Other) None Detected 222007341-00418 FLOORTILE/MASTIC Tan Non-Fibrous Homogeneous 100% Non-fibrous (Other) None Detected 222007341-0041A FLOORTILE/MASTIC Gray Non-Fibrous Homogeneous 95% Non-fibrous (Other) 5% Chrysotile 222007341-0041A FLOORTILE/MASTIC Gray Non-Fibrous Homogeneous 94% Non-fibrous (Other) 6% Chrysotile 222007341-00418 FLOORTILE/MASTIC Black Non-Fibrous Homogeneous 94% Non-fibrous (Other) 6% Chrysotile	LCC1106-39	ISIRUN	Brown Fibrous	95% Min. Wool	5% Non-fibrous (Other)	None Detected
LCC1106-40-mastic 1 FLOORTILE/MASTIC Tan Non-Fibrous Homogeneous 100% Non-fibrous (Other) None Detected 222007341-0040 HA: 10 94% Non-fibrous (Other) 6% Chrysotile LCC1106-40-Floor Tile FLOORTILE/MASTIC White Non-Fibrous Homogeneous 94% Non-fibrous (Other) 6% Chrysotile 22007341-0040A FLOORTILE/MASTIC White Non-Fibrous Homogeneous 95% Non-fibrous (Other) 5% Chrysotile 22007341-0040A FLOORTILE/MASTIC Black Non-Fibrous Homogeneous 95% Non-fibrous (Other) 5% Chrysotile 22007341-0040B FLOORTILE/MASTIC Tan Non-Fibrous Homogeneous 100% Non-fibrous (Other) None Detected 22007341-0040B FLOORTILE/MASTIC Tan Non-Fibrous Homogeneous 100% Non-fibrous (Other) None Detected 22007341-0041 FLOORTILE/MASTIC Tan Non-Fibrous Homogeneous 100% Non-fibrous (Other) None Detected 22007341-0041A FLOORTILE/MASTIC Gray Non-Fibrous Homogeneous 95% Non-fibrous (Other) 5% Chrysotile 22007341-0041A FLOORTILE/MASTIC Black Non-Fibrous Homogeneous 94% Non-fibrous (Other) 6% Chrysotile 22007341-0041B FLOORTILE/MASTIC	222007341-0039		Homogeneous	HA: 1		
Homogeneous HA: 10 LCC1106-40-Floor Tile FLOORTILE/MASTIC White Non-Fibrous Homogeneous 94% Non-fibrous (Other) 6% Chrysotile 222007341-0040A FLOORTILE/MASTIC Black Non-Fibrous Homogeneous 95% Non-fibrous (Other) 5% Chrysotile 222007341-0040B FLOORTILE/MASTIC Black Non-Fibrous Homogeneous 95% Non-fibrous (Other) 5% Chrysotile 222007341-0040B FLOORTILE/MASTIC Tan Non-Fibrous Homogeneous 100% Non-fibrous (Other) None Detected 222007341-0041 FLOORTILE/MASTIC Gray Non-Fibrous Homogeneous 100% Non-fibrous (Other) S% Chrysotile 222007341-0041 FLOORTILE/MASTIC Gray Non-Fibrous Homogeneous 95% Non-fibrous (Other) 5% Chrysotile 222007341-0041A FLOORTILE/MASTIC Gray Non-Fibrous Ha: 10 94% Non-fibrous (Other) 5% Chrysotile 222007341-0041A FLOORTILE/MASTIC Black Non-Fibrous Ha: 10 94% Non-fibrous (Other) 6% Chrysotile 222007341-0041B FLOORTILE/MASTIC Black Non-Fibrous Ha: 10 94% Non-fibrous (Other) 6% Chrysotile	LCC1106-40-mastic 1	FLOORTILE/MASTIC	Tan Non-Fibrous		100% Non-fibrous (Other)	None Detected
LCC1106-40-Floor Tile FLOORTILE/MASTIC White 94% Non-fibrous (Other) 6% Chrysotile 222007341-0040A Homogeneous HA: 10 10 LCC1106-40-Mastic 2 FLOORTILE/MASTIC Black 95% Non-fibrous (Other) 5% Chrysotile 222007341-00408 Homogeneous HA: 10 5% Chrysotile 5% Chrysotile LCC1106-41-Mastic 1 FLOORTILE/MASTIC Black 95% Non-fibrous (Other) None Detected 222007341-0041 FLOORTILE/MASTIC Gray 100% Non-fibrous (Other) None Detected LCC1106-41-Floor Tile FLOORTILE/MASTIC Gray 95% Non-fibrous (Other) 5% Chrysotile 222007341-0041A FLOORTILE/MASTIC Gray 95% Non-fibrous (Other) 5% Chrysotile LCC1106-41-Mastic 2 FLOORTILE/MASTIC Black 94% Non-fibrous (Other) 5% Chrysotile 222007341-0041A FLOORTILE/MASTIC Black 94% Non-fibrous (Other) 6% Chrysotile LCC1106-41-Mastic 2 FLOORTILE/MASTIC Black 94% Non-fibrous (Other) 6% Chrysotile 222007341-00418 Homogeneous HA: 10 HA: 10 HA: 10 HA: 10	222007341-0040		Homogeneous	HA: 10		
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LCC1106-40-Mastic 2 222007341-0040B LCC1106-41-Mastic 1 LCC1106-41-Floor Tile FLOORTILE/MASTIC Construction of the state of the st	222007341-0040A		Homogeneous	HA: 10		
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222007341-0041B Homogeneous HA: 10	LCC1106-41-Mastic 2	FLOORTILE/MASTIC	Black Non-Fibrous		94% Non-fibrous (Other)	6% Chrysotile
	222007341-0041B		Homogeneous	HA: 10		



1010 Yuma Street Denver, CO 80204 Tel/Fax: (303) 740-5700 / (303) 741-1400 http://www.EMSL.com / denverlab@emsl.com EMSL Order: 222007341 Customer ID: SYMT78 Customer PO: Project ID:

Analyst(s)

Molly Elkins (29) Timothy Kleehammer (37)

Melanie Rech, Laboratory Director or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis . Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Denver, CO NVLAP Lab Code 200828-0

Initial report from: 11/11/2020 10:34:45

Orde	r l-wk 2-wk): 22	2007	HA Waterial 51 map Quantity 175	1 4 6	I A Q	1 A 5	2 A	A A	3 A	3 A	4 A	4 A	4 A	5 A	5 4			a K. 79545685 2778		2.	
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17	Bulk Sampling Chain of Custody	Client Name: LAMAR CC Date: 11/06/20 00	Job Name/Address: AdMinistration / BUUMan Em	Sample # Material Type / Color (tsi, surfacing, miscellaneous)	LCC 1106-01 737- Elbow	LCCN06-02 TST - E/bow	LCC1106-03 TST - RUN	2001106-04 12×12 ct 6/ve Dot	LCC1106-05 12×12 CT Glue Det	LCC106-06 Plaster	LCL1106-07 Plaster	LCC 1006 - 08 Plaster	200106-09 Plaster	LCC1106-10 Plaster	2001106 - 11 Adhesive	LCC 1106 - 12 Adhesive	NOTE:	Relinquished By:	Received By:	SYMTEK CONSULTING, I	- MANON VARI AJ	

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	Bulk Sampling Chain of Custody	Client Name: LAMAR CC Date: 11/06/20 01	Job Name/Address: AdM SA - Bowman Em	Sample # Material Type / Color (tsi, surfacing, miscellaneous)	LCC1106-13 Insulation	LCC1106-14 Insulation	LCC 1106 - 15 OVERSPray (914500)	LCC 1106 - 16 DVerSDray	LCC1106-17 Roofing / Boument	LCC 1106 - 18 Roofing	LCCIIO6 - 19 Jaxiact - Glue Dot	LCC 1106 - 20 12×12 CT - Glue Dot	Lecuob-21 Plaster	LCC11010-22 Plaster	LCC1106-23 AlAster	LCC1106-24 Plaster	NOTE:	Relinquished By:	Received By:	SYMTEK CONSULTING, 1	- CPU80 X091 D-1

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	Bulk Sampling Chain of Custody	Client Name: LAMAR CC Date: 11/06/20 Other	Job Name/Address: Adwin Bow Man	Sample # Material Type / Color (tsi, surfacing, miscellaneous)	Lection - 37 TSI Elbow	200 1606 - 38 TS 1 RUN	2001106-39 751 RUN	LCC 1106 - 40 Martie / Martic	LCC/106-41 Floortile/mastic				NOTE:		Received By:	SYMTEK CONSULTING, IN	D - CHOOD YNG DJ

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Colorado Department of Public Health and Environment

ASBESTOS CERTIFICATION*

This certifies that

Carl Bump

Certification No.: 11425

has met the requirements of 25-7-507, C.R.S. and Air Quality Control Commission Regulation No. 8, Part B, and is hereby certified by the state of Colorado in the following discipline:

Inspector/Management Planner*

Issued: August 14, 2020

Expires: August 12, 2021

* This certificate is valid only with the possession of a current Division-approved training course certification in the discipline specified above.

Authorized APCD Representative

SEAL





July 29, 2020

Sean Lirley 2401 S Main St. Lamar, CO. 81052

Bulk sampling for Elevator Install

Dear Sean

On July 21st, 2020, Symtek Consulting, Inc. (Symtek) performed bulk sampling at Lamar Community College located at 2401 S Main St. Lamar, CO. 81052. This report includes bulk sampling of suspect asbestos containing material for the addition of two elevators in the Bowman and Administration buildings.

This report will provide you with our findings and includes data tables (chain of custody) summarizing the locations of homogeneous materials, sample locations, asbestos-containing materials (where applicable), and non-asbestos-containing materials.

The sampling was performed in accordance with the Environmental Protection Agency's (EPA), National Emission Standards for Hazardous Air Pollutants (NESHAPS), the Occupational Safety and Health Administration's (OSHA) and Colorado's Regulation No. 8 protocols. This regulation requires that surveys be completed by Asbestos Hazard Emergency Response Act (AHERA; 40 CFR 763) accredited inspectors.

<u>Scope of Work</u>

- Bowman Hall
 - Rooms #136,137.
 - Dividing wall and interior drywall to be removed.
 - Carpet over Tile / Mastic to be removed.
 - Concrete to be penetrated and shaft built up to deck.
 - Door frames to hall removed and openings expanded.
 - Crawl Space beneath rooms 136, 137.
 - Pipe of about 30 feet of length is to be rerouted, this includes removal of Eleven TSI elbows.
- Administration Building
 - Rooms #107, 107b
 - Dividing wall and interior drywall to be removed.
 - Carpet over Tile / Mastic to be removed.
 - \circ 2nd floor SE Office
 - Mastic under 18x18 Carpet Squares
 - Concrete to be penetrated and shaft built to second floor.

<u>Symtek Activities</u>

- Collect bulk samples of suspect materials identified and send them to an independent laboratory for analysis by Polarized Light Microscopy (PLM).
- Provide a written report which includes a summary of the materials sampled along with the laboratory analysis results.
- Provide an explanation of materials recommended for removal prior to renovation activities. (If Applicable)

Symtek based the findings strictly upon field observations made during the site visit, information provided by persons interviewed, samples collected, and laboratory analysis. The findings and conclusions drawn from the bulk sampling are based on conditions observed during the site visit. Symtek makes no representations as to the condition of the site following the time of the inspection.

Representative bulk samples were collected from materials comparable in appearance, however, this is not a guarantee that materials of comparable appearance are of the same composition. Materials that are comparable in appearance are subject to uneven mixing and distribution, and random sampling can miss asbestos materials. Symtek used reasonable thoroughness and its professional judgment consistent with industry standards in order to identify asbestos materials at the site.

Sampling Procedures

Samples were collected from the area in a random method as required by the Environmental Protection Agency (EPA) Final Rule. Suspect materials uniform in texture and color were grouped together as homogeneous materials. If there were reasons to suspect that the materials might be different, then the materials were identified as separate homogeneous materials. Suspect materials were divided into one of the three categories recognized by regulatory agencies:

- Thermal System Insulation (TSI)
 - Pipe Runs, Fittings, Boilers, Ducts, Tanks, Breeching, etc.
- Surfacing Material
 - Material that are sprayed-on or troweled-on
 - Acoustical Plaster, Wall Texture, etc.
- Miscellaneous Material
 - All remaining materials that does not include surfacing material or TSI
 - Ceiling Tile, Flooring, Roofing Felt, Concrete Pipe, Siding, etc.

Samples were collected using equipment, as needed. Sampling equipment was decontaminated between samples with a wet sanitary wipe to avoid cross-contamination. The samples were then placed in sealed bags, recorded on a chain of custody form and sent to the laboratory for analysis.

Analytical Testing Methods

Samples were analyzed by the following method:

• Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method using Polarized Light Microscopy (PLM)

EMSL was contracted to perform laboratory analysis of the bulk samples collected. EMSL is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the American Industrial Hygiene Association, NVLAP Lab Code 200188-0.

Asbestos Survey

The asbestos limited inspection was performed by Carl Bump, who at the time of the inspection was / is EPA accredited and a Colorado State Certified Asbestos Building Inspector.

A total of Thirty-seven (37) bulk samples were collected. Based on my inspection, the following types of suspect asbestos-containing materials were identified:

- Thermal System Insulation (TSI)
 - o Elbows, paste
- Surfacing Materials
 - Texture on drywall
 - Plaster
- Miscellaneous Materials
 - o Concrete
 - \circ 12x12 ceiling tile Glue dots
 - Tile / mastic under carpet
 - Mastic under carpet
 - Covebase / Mastic
 - 2x4 Ceiling Tiles

Materials tested positive for Asbestos

Sample Number	Type of Material	Location	% of Asbestos
LCC-10	Floor tile/ Mastic	#137 3'N 5'W	6% Chrysotile/ 4% Chrysotile
LCC-11	Floor tile/ Mastic	#137 8'N 6'W	6% Chrysotile/ 4% Chrysotile

LCC-12	Floor tile/ Mastic	#136 8"N 6'W	5% Chrysotile/ 4% Chrysotile
LCC-15	Glue Dot (12x12 CT)	Outside #137 above E Door edge	4% Chrysotile
LCC-16	Glue Dot (12x12 CT)	Outside #137nabove S Door edge	3% Chrysotile
LCC-17	Glue Dot (12x12 CT)	Admin Building #107 1'S 1'E	4% Chrysotile
LCC-18	Glue Dot (12x12 CT)	Admin Building #107 7'W 4'N	2% Chrysotile
LCC-30	Floor tile/ Mastic	Admin Building #107 8'N 12'W	3% Chrysotile/ 4% Chrysotile
LCC-30b	Floor tile/ Mastic	Admin Building #107b 5'N 1'W	3% Chrysotile/ 3% Chrysotile
LCC-31	Black mastic under carpet	Admin Building Second floor SE Office 10'N 2'W	5% Chrysotile
LCC-32	Black mastic under carpet	Admin Building Second floor SE Office 2'N 2'E	3% Chrysotile
LCC-35	TSI Elbow	Bowman crawl space Line below scope Center elbow	5% Amosite 10% Chrysotile
LCC-36	TSI Elbow	Bowman crawl space Line below scope East elbow	3% Amosite 6% Chrysotile

Conclusion

The materials identified as asbestos containing include Floor Tile, Mastic, Glue Dots under ceiling tile, and thermal systems insulation. A total of thirteen (13) samples came back as asbestos containing. ACM material identified by these lab results are above the regulated amount of 1% and will need to be properly abated prior to renovation activities.

It is recommended that a licensed GAC be used for the removal.

If you have any questions, feel free to contact me at 719-201-9097

Sincerely

alburg.

Carl Bump Symtek Consulting, Inc.

Attached: Laboratory Analysis Results, Chain of Custody, Certifications.



200 Route 130 North Cinnaminson, NJ 08077 Tel/Fax: (800) 220-3675 / (856) 786-5974 http://www.EMSL.com / cinnasblab@EMSL.com EMSL Order: 042017662 Customer ID: SYMT78 Customer PO: Project ID:

Attention: Symtek

Symtek Consulting PO Box 88045 Colorado Springs, CO 80908

Phone: (719) 201-9097 Fax: Received Date: 07/23/2020 10:00 AM Analysis Date: 07/23/2020 - 07/24/2020 Collected Date:

Project: Lamar CC / 2401 S. Main St. Lamar Co.

			Non-Asbes	stos	Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Туре
LCC-01	Bowman Hall #137, Above Lid, Deck	Gray Non-Fibrous		100% Non-fibrous (Other)	None Detected
042017662-0001	6'N8'W - Concrete	Homogeneous			
LCC-02	#137 Above Lid 3'N 4' - Concrete	Gray Non-Fibrous		100% Non-fibrous (Other)	None Detected
042017662-0002		Homogeneous			
LCC-03 042017662-0003	#137 Above Lid 4'N E Wall - Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LCC-04-Skim Coat	#137 S Wall 10' W 2'Flr - Plaster	White Non-Fibrous		100% Non-fibrous (Other)	None Detected
042017662-0004		Homogeneous			
LCC-04-Base Coat	#137 S Wall 10' W 2'Flr - Plaster	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
	#126 NI Woll	Milito		100% Non fibrous (Other)	Nana Datastad
042017662-0005	Adjoining to 137 1'W5'FIr - Plaster	Non-Fibrous Homogeneous		100% Non-hbrous (Other)	None Delected
LCC-05-Base Coat	#136 N Wall,	Tan Non Eibrous		100% Non-fibrous (Other)	None Detected
042017662-0005A	1'W5'Flr - Plaster	Homogeneous			
LCC-06	#137 4'N 8'W - 2x4 CT Med Fissure Med	Tan/White Fibrous	60% Cellulose 30% Min. Wool	10% Non-fibrous (Other)	None Detected
042017662-0006	Holes	Homogeneous			
LCC-07	#137 6'N 4'N - 2x4 CT Med Fissure Med	Tan/White Fibrous	60% Cellulose 30% Min. Wool	10% Non-fibrous (Other)	None Detected
042017662-0007	Holes	Homogeneous			
LCC-08	#136 4'W 4'N - 2x4 CT Holes Only	Tan/White Fibrous	60% Cellulose 30% Min. Wool	10% Non-fibrous (Other)	None Detected
100.00	#420 010001 0.4 CT	Tan AA/bita	CON/ Callulate		Nama Data ata d
042017662-0009	#136 8 W8 N - 2x4 C1 Holes Only	Fibrous	30% Min. Wool	10% Non-librous (Other)	None Detected
	#137 3' N 5' W - Tile	White		94% Non-fibrous (Other)	6% Chrysotile
042017662-0010	under Carpet	Non-Fibrous Homogeneous			070 Onlysome
LCC-10-Mastic	#137 3' N 5' W - Black Mastic	Black Non-Fibrous		96% Non-fibrous (Other)	4% Chrysotile
042017662-0010A		Homogeneous			
LCC-10-Mastic 2	#137 3' N 5' W - Mastuc	Yellow Non-Fibrous		100% Non-fibrous (Other)	None Detected
042017662-0010B		Homogeneous			
LCC-11-Floor Tile	#137 8'N 6"W - Tile under Carpet	White Non-Fibrous		94% Non-fibrous (Other)	6% Chrysotile
042017662-0011		Homogeneous			
LCC-11-Mastic	#137 8'N 6"W - Black Mastic	Black Non-Fibrous		96% Non-fibrous (Other)	4% Chrysotile
0+2011002-0011A		nomogeneous			



200 Route 130 North Cinnaminson, NJ 08077 Tel/Fax: (800) 220-3675 / (856) 786-5974 http://www.EMSL.com / cinnasblab@EMSL.com

			Non-A	sbestos	Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Туре
LCC-11-Mastic 2	#137 8'N 6"W - Mastuc	Yellow Non-Fibrous		100% Non-fibrous (Other)	None Detected
042017662-0011B		Homogeneous			
LCC-12-Floor Tile	#136 8'N 1'W - Tile under Carpet	White Non-Fibrous		95% Non-fibrous (Other)	5% Chrysotile
042017662-0012		Homogeneous			
LCC-12-Mastic	#136 8'N 1'W - Black Mastic	Black Non-Fibrous		96% Non-fibrous (Other)	4% Chrysotile
042017662-0012A		Homogeneous			
LCC-12-Mastic 2	#136 8'N 1'W - Mastic	Yellow Non-Fibrous		100% Non-fibrous (Other)	None Detected
042017662-0012B		Homogeneous			
LCC-13-Cove Base	#136 N Wall 4'W Flr - Cove Base	Gray Non-Fibrous		100% Non-fibrous (Other)	None Detected
042017662-0013		Homogeneous			
LCC-13-Mastic	#136 N Wall 4'W Flr - Mastic	Brown Non-Fibrous		100% Non-fibrous (Other)	None Detected
042017662-0013A		Homogeneous			
LCC-14-Cove Base	#137 E Wall Edge of Door - Cove Base	Gray Non-Fibrous		100% Non-fibrous (Other)	None Detected
042017662-0014		Homogeneous			
LCC-14-Mastic	#137 E Wall Edge of Door - Mastic	Brown Non-Fibrous		100% Non-fibrous (Other)	None Detected
042017662-0014A		Homogeneous			
LCC-15	Outside 137 on Lid Entry N Side - 12x12 CT Glue Dot	Brown Non-Fibrous Homogeneous		96% Non-fibrous (Other)	4% Chrysotile
1 20 10	Outside 107 are Lid	Desum			
LCC-16	Entry S Side - 12x12	Brown Non-Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
		Deserve			
042017662-0017	Admin Building #107 1'S1'E - 12x12 CT Glue Dot Plaster	Brown Non-Fibrous Homogeneous		96% Non-librous (Other)	4% Chrysotile
	Admin Building #107	Brown		00% Non fibrous (Other)	2% Chrystile
042017662-0018	7'W 4'N - 12x12 CT Glue Dot Plaster	Brown Non-Fibrous Homogeneous		98% Non-librous (Other)	2% Chrysotile
	Admin #107 E Wall	W/bite		100% Non fibrous (Other)	None Detected
042017662-0019	1'N 5'FIr - Plaster on Concrete	Non-Fibrous Homogeneous			None Delected
1.00-20	Admin #107 E Wall	White		100% Non-fibrous (Other)	None Detected
042017662-0020	5'N 2'FIr - Plaster on Concrete	Non-Fibrous Homogeneous			
LCC-21	Admin #107 F Wall	White		100% Non-fibrous (Other)	None Detected
042017662-0021	12'N 5'FIr - Plaster on Concrete	Non-Fibrous Homogeneous			
LCC-22-Texture	Admin #107 W Wall	White		100% Non-fibrous (Other)	None Detected
042017662-0022	13'N4'FIr - Plaster Over DW	Non-Fibrous Homogeneous			
LCC-22-Joint	Admin #107 W Wall	White		100% Non-fibrous (Other)	None Detected
Compound	13'N4'FIr - Plaster Over DW	Non-Fibrous Homogeneous			
042017662-0022A		-			
LCC-23	Admin #107 W Wall 10'N6'FIr - Plaster	White Non-Fibrous		100% Non-fibrous (Other)	None Detected
042017662-0023	Over DW	Homogeneous			



200 Route 130 North Cinnaminson, NJ 08077 Tel/Fax: (800) 220-3675 / (856) 786-5974 http://www.EMSL.com / cinnasblab@EMSL.com EMSL Order: 042017662 Customer ID: SYMT78 Customer PO: Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbe	stos	Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Туре
LCC-24	Admin #107 W Wall 4'N6'FIr - Plaster Over	White Non-Fibrous		100% Non-fibrous (Other)	None Detected
	#107 B E Wall 10'N 5'	White		100% Non fibrous (Other)	None Detected
042017662-0025	Flr - Medium Tex on DW	Non-Fibrous Homogeneous			None Delected
LCC-25-Drywall	#107 B E Wall 10'N 5' Flr - Medium Tex on	Brown/White Fibrous	20% Cellulose 5% Glass	75% Non-fibrous (Other)	None Detected
042017662-0025A	DW	Homogeneous			
LCC-26-Texture	#107 B E Wall 4'N 5' Flr - Medium Tex on	White Non-Fibrous		100% Non-fibrous (Other)	None Detected
042017662-0026		Homogeneous			
042017662-0026A	Fir - Medium Tex on	Brown/wnite Fibrous Homogeneous	5% Glass	75% Non-fibrous (Other)	None Detected
LCC-27-Texture	#107B E Wall 6"N 1' Flr - Medium Tex on	White Non-Fibrous		100% Non-fibrous (Other)	None Detected
042017662-0027	DW	Homogeneous			
LCC-27-Drywall	#107B E Wall 6"N 1' Flr - Medium Tex on	Brown/White Fibrous	15% Cellulose 2% Glass	83% Non-fibrous (Other)	None Detected
1 CC 28 Cave Base	#107 E Woll 2'N	Grov		100% Non fibrous (Othor)	None Detected
042017662-0028	Cove Base Gray	Non-Fibrous		100% Non-librous (Other)	None Detected
LCC-28-Mastic	#107 F Wall 2'N -	Brown		100% Non-fibrous (Other)	None Detected
042017662-0028A	Mastic	Non-Fibrous Homogeneous			
LCC-29-Cove Base	#107 E Wall 12'N - Cove Base Gray	Gray Non-Fibrous		100% Non-fibrous (Other)	None Detected
042017662-0029		Homogeneous			
LCC-29-Mastic	#107 E Wall 12'N - Mastic	Brown Non-Fibrous		100% Non-fibrous (Other)	None Detected
042017662-0029A		Homogeneous			None Detected
LCC-29-Mastic 2	#107 E Wall 12'N - Mastic	vonte Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LCC-30-Eloor Tile	#107 8'N 12' W -	Tan		97% Non-fibrous (Other)	3% Chrysotile
042017662-0030	12x12 Tile Mastic under Carpet	Non-Fibrous Homogeneous			
LCC-30-Mastic	#107 8'N 12' W - 12x12 Tile Mastic	Black Non-Fibrous		96% Non-fibrous (Other)	4% Chrysotile
042017662-0030A	under Carpet	Homogeneous			
LCC-30-Mastic 2	#107 8'N 12' W - 12x12 Tile Mastic	Yellow Non-Fibrous		100% Non-fibrous (Other)	None Detected
		Multite		07% Non fibrous (Othor)	20/ Chrucatila
042017662-0031	Tile Mastic under Carpet	Non-Fibrous Homogeneous		97% Non-librous (Other)	3% Chrysotile
LCC-30-Mastic	#107 5'N 1' W - 12x12	Black		97% Non-fibrous (Other)	3% Chrvsotile
042017662-0031A	Tile Mastic under Carpet	Non-Fibrous Homogeneous			
LCC-30-Mastic 2	#107 5'N 1' W - 12x12 Tile Mastic under	Yellow Non-Fibrous		100% Non-fibrous (Other)	None Detected
042017662-0031B	Carpet	Homogeneous			
LCC-31	Admin 2nd Floor 10'N2'W SE Office -	Black Non-Fibrous		95% Non-fibrous (Other)	5% Chrysotile
042017662-0032	Black mastic Under 18x18 Carpet Square	Homogeneous			

Initial report from: 07/24/2020 08:23:09



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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbe	stos	Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Туре
LCC-32 042017662-0033	Admin 2nd Floor 2'N2'E SE Office - Black mastic Under 18x18 Carpet Square	Black Non-Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
LCC-33-Cove Base 042017662-0034	Admin 2nd Flr SE Office W Wall 5'N - Cove Base Brown	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LCC-33-Mastic 042017662-0034A	Admin 2nd Flr SE Office W Wall 5'N - Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LCC-34-Cove Base	Admin 2nd Flr SE N Wall 2'E Office - Cove Base Brown	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LCC-34-Mastic 042017662-0035A	Admin 2nd Flr SE N Wall 2'E Office - Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LCC-35 042017662-0036	Crawl Space Bowman Line Below Impact Mid - TSI Elbow	White Fibrous Homogeneous		85% Non-fibrous (Other)	5% Amosite 10% Chrysotile
LCC-36 042017662-0037	Crawl Space Bowman Line Below Impact East - TSI Elbow	White/Orange Fibrous Homogeneous	30% Min. Wool	61% Non-fibrous (Other)	3% Amosite 6% Chrysotile

Analyst(s)

John Witcraft (34) Nancy Stalter (9) Shelby Baker (16)

Samantha Kuna

Samantha Rundstrom, Laboratory Manager or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations . Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367, LA #04127

Initial report from: 07/24/2020 08:23:09

Property Name: Lances CC Date: $7/21/20$ Method-PLM unless otherwise noted Driver Sample # Material Type SIGS2 General Location HA LCC - 01 Concrette & BourMan Hall # 1737 Above I:d, Peck 6 N 8'W I LCC - 02 Concrette # 1957 LCC - 03 Plaster # 137 LCC - 04 Plaster # 137 LCC - 04 Plaster # 137 LCC - 04 Plaster # 137 LCC - 05 Plaster # 137 LCC - 06 Plaster # 137 LCC - 06 Plaster # 137 LCC - 07 Zx4 CT # 136 N 4'W 3 LCC - 07 Zx4 CT # 137 LCC - 08 Zx4 CT # 137 LCC - 09 Zx4 CT # 137 LCC - 09 Zx4 CT # 136 N 4'W 3 LCC - 09 Zx4 CT # 137 LCC - 09 Theoster # 137 LCC - 09 Theoster # 137 LCC - 09 Zx4 CT # 136 N 4'W 3 LCC - 09 Theoster # 137 LCC - 09 Theoster # 137 LCC - 09 Theoster # 137 J 4'N 8'W 3 LCC - 09 Theoster # 137 J 4'N 8'W 5 LCC - 09 Theoster # 137 J 4'N 8'W 5 LCC - 09 Theoster # 137 J 4'N 8'W 5 LCC - 09 Theoster # 137 J 4'N 8'W 5 LCC - 09 Theoster # 137 J 4'N 9'W 4 LCC - 09 Theoster # 137 J N 5'W 5 LCC - 10 Tile under carpet # 137 J N 5'W 5 LCC - 11 Tile under carpet # 137 J N 5'W 5 LCC - 12 Tile under carpet # 137 J N 5'W 5 LCC - 13 Cove base / Market # 136 LCC - 14 Cove base / Market # 136 LCC - 14 Cove base / Market # 137 LCC - 14 Cove base / Market # 137 LCC - 15 Cove base / Market # 137 LCC - 16 Tzriz CT cutside 137 on 1:d 7 LCC - 16 Tzriz CT cutside 137 on 1:d 7 LCC - 16 Tzriz CT cutside 137 on 1:d 7 LCC - 17 Tzriz CT cutside 137 on 1:d 7 LCC - 17 Tzriz CT cutside 137 on 1:d 7 LCC - 17 Tzriz CT cutside 137 on 1:d 7 LCC - 17 Tzriz CT cutside 7 1'S 1'E 8 Relinquished By: Decl Anderson 7 1'CC/RD Date: OD Fo 2 100 MI	Bulk Sam	pling Chain of Custody	TAT: 6hr 24hr 48hr 72hr	96hr 1-wk 2-wk
Property Address: 2401 S Main St. Lamar Co. Sample # Material Type S1052 General Location HA $LCC - 01 Concrete & Southan Hall # 137, \\ LCC - 02 Concrete & Hig7 \\ LCC - 03 Plaster & Hig7 \\ LCC - 03 Plaster & Hig7 \\ LCC - 04 Plaster & Hig7 \\ LCC - 05 Plaster & Hig7 \\ LCC - 05 Plaster & Hig7 \\ LCC - 06 Plaster & Hig7 \\ LCC - 07 Zr4 CT \\ LCC - 08 Zr4 CT \\ LCC - 08 Zr4 CT \\ LCC - 09 Zr4 CT \\ LCC - 10 Blk mastic \\ LCC - 10 Blk mastic \\ LCC - 10 Blk mastic \\ LCC - 13 Cove base / Master \\ LCC - 13 Cove base / Master \\ LCC - 14 Cove base / Master \\ LCC - 15 Cove base / Master \\ LCC - 16 IZr12 CT \\ LCC - 16 Cove base / Master \\ LCC - 17 Izr12 CT \\ LCC - 17 $	Property Name: Lama	scc Date: 7/2	1/20 Method - PLM unless otherwise Other	e noted
Sample # Material Type $S1052$ General Location HA LCC - 01 Concrete $S0WMan Hall \# 1737$ above 1:01, Deck $6N8W$ 1 LCC - 02 Concrete $\# 1757$ LCC - 03 Plaster $\# 1737$ LCC - 03 Plaster $\# 1737$ LCC - 04 Plaster $\# 1737$ LCC - 04 Plaster $\# 1737$ LCC - 04 Plaster $\# 1737$ LCC - 05 Plaster $\# 1737$ LCC - 05 Plaster $\# 1737$ LCC - 06 Master $\# 1737$, $UNS'EFF$ LCC - 06 Master $\# 1737$, $UNS'EFF$ LCC - 06 Master $\# 1737$, $UNS'W$ LCC - 07 Zr4 CT $\# 1737$, $UNS'W$ LCC - 08 Lales any $\# 1736$ $H'W$ 44 LCC - 08 Lales any $\# 1736$ $H'W$ 44 LCC - 08 Lales any $\# 1736$ $H'W$ 44 LCC - 09 Lales any $\# 1736$ $H'W$ 5 LCC - 10 Bilk mastric $\# 1736$ $\# 1736$ $M'W$ 5 LCC - 11 Tile under carpet $\# 1737$ $M'S'W$ 5 LCC - 12 Bilk mastric $\# 1736$ $M'W$ 5 LCC - 13 Cove base /Mastrie $\# 1736$ $M'W$ 5 LCC - 14 Cove base /Mastrie $\# 1736$ $M'W$ 5 LCC - 15 Cove base /Mastrie $\# 1736$ $M'W$ 5 LCC - 16 L2C /Mastric $\# 1737$ on 1/d 7 LCC - 16 L2C /Mastric $\# 1737$ on 1/d 7 LCC - 17 Plaster $Mastrie$ $\# 1736$ $M'W$ 517 LCC - 17 Revealed $Mastrie$ $\# 1736$ $M'W$ 5 LCC - 17 Revealed $Mastrie$ $\# 1737$ on 1/d 7 LCC - 16 Revealed $Mastrie$ $\# 1737$ on 1/d 7 LCC - 17 Revealed $Mastrie$ $\# 1707$ $M'W$ 5 LCC - 17 Revealed $\# 1077$ $M'W$ 6 Relinquished By: Φel Anderson $Mastrie$ $\# 1077$ $M'W$ 7 Relinquished By: Φel Anderson $Mastrie$ $\# 1077$ $M'W$ 7 Relinquished By: Φel Anderson MW 7	Property Address: 240	15 Main St. Lamar	- Co. Se Email Results to: Symtek 1@ms	n.com 1673
LCC - 01 Concrete Bowman Hall #137 LCC - 02 Concrete #137 LCC - 03 Plaster #137 LCC - 03 Plaster #137 LCC - 04 Plaster #137 LCC - 04 Plaster #137 LCC - 04 Plaster #137 LCC - 05 Plastes #136 Nwall, adjoining LCC - 06 Zx4 CT LCC - 06 Zx4 CT #137, 4'N 8'W LCC - 07 Zx4 CT #136 Hw 4'N LCC - 08 Heles enty LCC - 09 Heles enty #136 Hw 4'N LCC - 09 Heles enty #136 Hw 4'N LCC - 09 Heles enty #137 B'W 3'N LCC - 09 Heles enty #137 B'W 4'N LCC - 09 Heles enty #137 B'W 8'N LCC - 09 Heles enty #137 B'W 8'N LCC - 09 Heles enty #137 B'W 8'N LCC - 10 Tile under carpet #137 B'W 8'N LCC - 10 Tile under carpet #137 B'W 8'N LCC - 17 BIK mastic LCC - 17 BIK mastic LCC - 14 Cove base/Mastic #137 Ewall 4'W FIF LCC - 14 Cove base/Mastic LCC - 15 Give dot Entry N Sciel LCC - 16 Tile under Carpet #137 Ewall ebg of dot LCC - 17 IZX12 CT Cutside 137 on 1:d 7 LCC - 17 IZX12 CT LCC - 17 IZX12 CT Plaster Babe #107 1'S 1'E 8 Z00 S Relinguished By: Del Androfor 7 CC/Cl Date: 05 Pro 101	Sample #	Material Type	General Location	НА
LCC - 02 Concrete #187 LCC - 03 Plaster #187 LCC - 03 Plaster #187 LCC - 04 Plaster #187 LCC - 04 Plaster #187 LCC - 05 Plaster #137 LCC - 06 Plaster #137 LCC - 06 Plaster #137 LCC - 06 Plaster #137, 4'N 8'W 3 LCC - 06 Plaster #137, 4'N 8'W 3 LCC - 07 Zr4 CT #137 LCC - 08 Zr4 CT #136 Hus #'N 4' LCC - 08 Zr4 CT #136 H'W 4'N 4 LCC - 08 Zr4 CT #136 B'W 8'N 4 LCC - 09 Holes only #136 B'W 8'N 4 LCC - 09 Holes only #137 B'W 8'N 4 LCC - 09 Holes only #137 B'N 6'W 5 LCC - 10 Bilk mastic B'N 6'W 5 LCC - 12 Bilk mastic B'N 6'W 5 LCC - 13 Covebase / Mastic #137 B'N 6'W 5 LCC - 14 Covebase / Mastic #137 Evaluated Plaster 6 LCC - 16 IZx12 CT Cutsicle 137 on 1:d 7 LCC - 16 IZx12 CT Cutsicle 137 on 1:d 7 LCC - 17 Plaster Plaster Plaster 9 Side 7 LCC - 17 Plaster Plaster Plaster 9 Side 7 LCC - 17 Plaster Plaster 7 Plaster 7 Side 7 LCC - 17 Plaster 7 Plaster 7 Side 7 LCC - 17 Plaster 7 L	Lcc - 01	Concrete	Bowman Hall #137 above 1:0, Deck 6N8W	(
$\begin{array}{c} LCC - 03 Plaster \qquad \# 137 \\ \begin{array}{c} Above [id] U'N Fubil(\\ \hline \\ Above [id] U'N Fubil(\\ \hline \\ \hline \\ LCC - 04 \\ \hline \\ Plaster \\ \hline \\ \hline \\ \\ \hline \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	LCC -02	Concrete	#137 Above lid 3'N Y'W	
$\begin{array}{c} LCC - 04 & Plaster \\ LCC - 04 & Plaster \\ \hline Swall 10'w 2'FIF \\ \hline Cc - 06 & Plastes \\ \hline 136 & 1077. 1'w S'FIF \\ \hline 137. 1'w S'W \\ \hline 126 - 07 & Med Fisch Med Hdes \\ \hline 137. 6'N 4'W \\ \hline 126 - 07 & Hales only \\ \hline 136 & H'w 4'N \\ \hline 126 - 07 & Hales only \\ \hline 140es only \\ \hline 137. 8'N S'N \\ \hline 148. Mastric \\ \hline 140es only \\ \hline 140e$	LCC - 03	Plaster	# 137 Above lid 4'N Ewall	2 370
$\begin{array}{c} 1 & cc - 05 & Piaster \\ 1 & cc - 06 & 2x4 cT \\ 1 & to 177. 1'W S'FIF \\ $	LCC - 04	Plaster	#137 Swall 10'W 2'FIF	2
Lec -06 $2x44$ CT $# 137, 4'N8'W$ 3 Lec -07 $2x4$ CT $# 137, 4'N8'W$ 3 Lec -07 $2x4$ CT $# 136 4'W4'N$ 4 Lec -08 $2x4$ CT $# 136 4'W4'N$ 4 Lec -09 $2x4$ CT $# 136 8'W8'N$ 4 Lec -09 $14des only$ $# 137 8'W$ 5 Lec -10 16 16 16 137 $3'N5'W$ 5 Lec -10 16 16 16 137 100 5 1445 Lec -11 16 100 16 100 10	fcc-05	Plaster	# 136 N wall, adjoining to 177. I'W S'FIF	2
$\frac{Lcc-07}{Lcc-08} = \frac{2x4}{x4} CT \qquad \# 137}{6'N 4'W} = 3$ $\frac{Lcc-08}{Lcc-08} = \frac{2x4}{x4} CT \qquad \# 136}{4'W 4'N} = 4$ $\frac{Lcc-09}{4} = \frac{2x4}{x4} CT \qquad \# 136}{4'W 4'N} = 4$ $\frac{Lcc-09}{4} = \frac{2x4}{x4} CT \qquad \# 137}{6'N 5'N} = 4$ $\frac{Lcc-10}{8} = \frac{8}{x4} CT \qquad \# 137}{6'N 5'N} = 5$ $\frac{Lcc-10}{8} = \frac{8}{x4} CT} = \frac{137}{4'N} = 137$	Lcc -06	ZX4 CT Med Fisch Med Holes	# 137, 4'N8'W	3
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Lcc - 07	Zx4 CT Med Fisch Med Hdes	# 137 6'N 4'W	3
LCC - 09 Log of the set of the 136 B'w B'N 4 LCC - 10 Tile under carpet # 137 3'N 5'W 5 1444 LCC - 11 Tile under carpet # 137 B'N 6"W 5 LCC - 11 BIK mastic B'N 6"W 5 LCC - 12 BIK mastic B'N 1'W 5 LCC - 13 Cove base/Master # 136 LCC - 14 Cove base/Master # 136 LCC - 14 Cove base/Master # 137 Ewall edge of door 6 LCC - 15 IZXIZ CT Cutside 137 on 1:d 7 LCC - 16 IZXIZ CT Cutside 137 on 1:d 7 LCC - 16 IZXIZ CT Outside 137 on 1:d 7 LCC - 17 IZXIZ CT Outside 137 on 1:d 7 LCC - 17 IZXIZ CT Outside 137 on 1:d 7 LCC - 17 IZXIZ CT Outside 137 on 1:d 7 LCC - 18 Give dot Entry Sside 7 LCC - 17 IZXIZ CT, gluedot, ADMin Building 151'E 8 Zer 5 Relinquished By: De Anderson 7/2010 Date: On 6 0 00 00 000 000 000 000 000 000 000	Lcc -08	ZX4 CT Holes enly	# 136 4'W4'N	4
LCC - 10 Tile under Larpet # 137 3'N 5'W 5 1445 LCC - 11 Tile under carpet # 137 LCC - 17 Tile under carpet # 136 LCC - 17 Cove base/Mastic # 136 LCC - 13 Cove base/Mastic # 136 LCC - 14 Cove base/Mastic # 137 LCC - 14 Cove base/Mastic # 137 Euchil edge of dot LCC - 14 Cove base/Mastic # 137 Euchil edge of dot LCC - 15 Cove base/Mastic # 137 Euchil edge of dot LCC - 16 Cove dot Entry Nside LCC - 16 Cove dot Cove dot	Lcc - 09	Zx4 ct Holesonly	# 136 8'W 8'N	4
LCC - 11 Tile under carpet # 137 BIK mastic LCC - 17 Tile under carpet # 136 LCC - 17 Covebase/Mastic # 136 LCC - 13 Covebase/Mastic # 136 LCC - 14 Covebase/Mastic # 137 Evall edgeofodor LCC - 14 Covebase/Mastic # 137 Evall edgeofodor Covebase/Mastic # 137 Evall edgeofodor Covebase/Mastic # 137 Eval edgeofodor Covebase/Mastic # 137 Covebase/Mastic # 137 Covebase/Mastic # 137 Covebase/Mastic # 137 Covebase/Mastic # 137 Covebase/Mastic # 137 Covebase/Covebase/ Covebase/Mastic # 137 Covebase/Covebase/ Covebase/Mastic # 137 Covebase/ Covebase/Mastic # 137 Covebase/ Coveba	Lcc - 10	Tile under Earpet Blk mastic	# 137 3'N 5'W	5 144 55
LCC - 17 Tile under carpet # 176 BIK mastic B'N I'W 5 LCC - 13 Covebase/Mastic # 136 A wall 4'W FIF 6 LCC - 14 Covebase/Mastic # 137 LCC - 15 IZXIZ CT Cutside 137 on lid 7 LCC - 16 IZXIZ CT Outside 137 on lid 7 LCC - 16 IZXIZ CT Outside (37 on lid 7 LCC - 16 Cove dot Entry Sside LCC - 17 IZXIZ CT, quedot, APMin Building Plaster Piable #107 I'S I'E 8 200 S Relinquished By: Del Anderson 7/2010 Date: On Pro 2000 MM	LCC - 11	Tile under caspet B(Kmastic	# 137 #.8'N 6"W	5
LCC -13 Covebase/Mastic # 136 Nurall 4W FIF 6 LCC -14 Covebase/Mastic # 137 Ewall edgesdoor 6 LCC -14 Covebase/Mastic # 137 Ewall edgesdoor 6 LCC -15 IZXIZ CT Cutside 137 on lid 7 Entry Nside 7 LCC -16 IZXIZ CT Outside (37 on lid 7 LCC -16 Cive dot Entry Sside 7 LCC -17 IZXIZ CT, give dot, ADMin Building 151'E 8 Z000 S Relinquished By: be Anderson 7/2010 Date: On the 2000 M	Lcc - 12	Tile under carpet Blk mastic	# 136 B'N I'W	5
LCC - 14 Cove buse/Mastic # 137 Ewall edge adder 6 LCC - 14 Cove buse/Mastic # 137 Ewall edge adder 6 LCC - 15 IZXIZ CT Curticide 137 on lid 7 LCC - 16 IZXIZ CT Outgride 137 on lid 7 LCC - 16 Clive dot entry Scicle 7 LCC - 17 IZXIZ CT, glue dot, ADMIN Building 15 1'E 8 Plaster Pintole #107 1'S 1'E 8 Relinquished By: bel Anderson 7/2010 Date: On Fro 2000 Mil	LCC -13	Cove base / Martie	# 136 Nurall 4'W FIF	6
LCC-15 12x12CT Give dot Entry Nside 12x12CT Outside 137 on lid 7 LCC-16 12x12CT Come dot Controle 137 on lid 7 Controle 137 on lid 7 LCC-16 12x12CT, give dot, ADMin Building Plaster Pinbole #107 1'S1'E 8 2005 3 Relinquished By: be Anderson 7/2010 Date: On Ro - 100 000	LCC - 14	Cove base/Mastic	# 137 Ewall edge of door	6
LCC-16 12x12 ct Outgicle (37 on Irid 7 Course dot Catry Sgicle 7 12x12 ct, guedot, ADMin Building 15 1'E 8 Plaster Pintole #107 1'S 1'E 8 Relinquished By: be Anderson 7/22/21 Date: On Ro 2700 000	LCC-15	12x12 CT Glue dot	Entry Nside	7
Relinquished By: be Anderson 7/22/21) Date: On Ro 200	Lcc-16	12x12 ct Give dot	entry Sside	7
Relinquished By: be Anderson 7/22/20 Date: On Ro 2700 000	LCC - 17	Plaster Pinbole	ADMin Building 1'S 1'E	8 2000 55
Relinquished By: be Anderson 7/22/20) Date: Ob Ro 2700 000			PAT	37
	Relinquished By:	sel Anderson 7	120/20 Date: Ob Ro	100 705 53 40

SYMTEK CONSULTING, INC. 719-201-9097 symtek1@msn.com PO Box 88045 - Colorado Springs - Colorado - 80908

DEDELVED

Bulk Samp	ling Chain of Custody		TAT: 6hr 24hr 48hr 72h	r 96hr 1-wk	2-wk
Property Name: Lama	CC Date: 7/2	1/20	Method – PLM unless otherwi	ise noted	
Property Address: 240	15 Main St. Lama	r CO,	Email Results to: Symtek1@m	sn.com Zo	F3
Sample #	Material Type		General Location	НА	
Lcc - 18	12x12 CT Pintle	Admi.	Building	8	
LCC - 19	Plaster on concrete	Adm	in # 107 Ewall	9	
Lcc - 20	Plaster on concrete	Adm	10 # 107 Ewall 5N Z'FIF	9	40 55
Lec - 21	Plastes on concrete	fam	12'N 5'JE	9	
146-22	Plasterover PW	. ⊯ lC	13 NULAVI, 13 NULFIF	10	170.05
Lcc-23	Plasterover Dw	#10	7 W Wall 10'N 6'FIS	10	120 54
LCC-24	Plasterover DW	#10	7 W Wall 4'N 6"FIF	10	
Lcc-25	mealium fex on DW	# 10	7B Ewall 10'N 5'F15	11	100 5
LCC - 26	med tex ITw	# (0	7B Ewall 4'N S'FIC	11	100 0
LCC - 27	Med tex/PW	# 10	7BEWall G"N 1'FIS		
LCC - 28	Carbase Gray/ mas	# (O	7 Ewerl Z'N	12	
Lcc - 29	Cove gray/mas	# 107	F Wall	17	
LCC - 30	12x12 Tile/mas under carpet	· # 10	7 8'N 12'W	13	27 × 15
LCC - 30	12x12 Tike/Mus undercarpet	# 107E	5'NIW	13	20.00
Lcc - 31	Blackmastic under 18×18 corpet square	to Admi	in # End FlagT W SE office	14	12-51
LCC - 32	Blk motic under 18x 18	Admi Z'N'	2 2nd Floor Z'E SEOFFice	14	CATE
LCC - 33	Cove Base Brown	Admin	· Znel Flr SE office	15	

Material observed, untested, subdes window scal, clear bove Base mastuc.

Relinquishe	ed By: be Anderson /	122/20) Date:
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	SYMTEK CONSULTING, INC.	719-201-9097 symtek1@msn.com
	PO Box 88045 - Colorado	o Springs - Colorado - 80908
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Colorado Department of Public Health and Environment

ASBESTOS CERTIFICATION*

This certifies that

Carl Bump

Certification No.: 11425

has met the requirements of 25-7-507, C.R.S. and Air Quality Control Commission Regulation No. 8, Part B, and is hereby certified by the state of Colorado in the following discipline:

Inspector/Management Planner*

Issued: August 12, 2019

Expires: August 12, 2020

* This certificate is valid only with the possession of a current Division-approved training course certification in the discipline specified above.

Authorized APCD Representative SEAL

Mathamathamatha



Colorado Department of Public Health and Environment

ASBESTOS CONSULTING FIRM

This certifies that

Symtek Consulting, Inc.

Registration No.: ACF - 13950

has met the registration requirements of 25-7-507, C.R.S. and the Air Quality Control Commission Regulation No. 8, Part B, and is hereby authorized to perform asbestos consulting activities as required under Regulation No 8, Part B, in the state of Colorado.

Issued: June 04, 2019 Expires: July 18, 2020

MORILLE AUTORICAL

SEAL

SECTION 01 10 00 - SUMMARY OF WORK (Addendum #1)

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes the following:
 - 1. Work covered by the Contract Documents.
 - 2. Examination of Site
 - 3. Contracts and Work covered by the Contract Documents
 - 4. Work Phases
 - 5. Work under other contracts.
 - 6. Use of premises.
 - 7. Owner's occupancy requirements.
 - 8. Specification formats and conventions.
- B. Divisions 0 and 1 of the project manual govern work under all Divisions of the specifications.

1.2 EXAMINATION OF SITE

A. Attendance at site walk-through is mandatory for all General Contract bidders. Confirmation of attendance shall be a condition of this agreement.

1.3 CONTRACTS

- A. This contract incorporates one project defined as:
 - 1. 2011-002P21 LCC Bowman Library Renovation.
- B. Single Contract: All work under this project will be executed under a single contract between the Owner and General Contractor. However, the Owner will self-perform or separately contract some work as indicated in these contract documents.
- C. Separate Concurrently Performed Contract: This Capital Renewal project is being bid and contracted concurrently but separately with a project as defined below. All financial aspects of the two projects must be maintained separately.
 - 1. 2022-010P22 Bowman Building Renovation (Capital Renewal) PH 1 of 2 and PH 2 of 2

1.4 WORK COVERED BY CONTRACT DOCUMENTS

- A. Project Identification: 2011-002P21 LCC Bowman Library Renovation.
- B. Project Location:

Lamar Community College 2401 South Main Street Lamar, CO 81052

- C. Owner: Lamar Community College
 - 1. Owner's Representative: Sean Lirley, Director of Facilities Management
- D. Architect: Hall Architects, 1935 Dominion Way, Suite 202, Colorado Springs, CO 80918.
- E. The Work consists of the following:
 - 1. Project consists Project consists of demolition and the renovation of the existing Bowman Library space and the remodeling of existing classroom space into new study halls and tutoring suite, and associated mechanical, plumbing and electrical work.
 - a. The project has six (6) additive alternates. See Section 01 23 00 "Alternates".

F. Schedule:

1. It is the intent that the work will take place in a sequential order as determined mutually between the Contractor and the Owner. Refer to the Document "Advertisement for Bids, Notice LCC 24-11 " for more information.

a.	Anticipated Contract Award:	April 2024
b.	All funds encumbered:	June 30, 2024
c.	Substantial Completion Date:	December 2024

- d. Final Completion Date: February 2025
- G. Financial Schedule: The funding appropriation for the Library project has the following schedule deadlines:

1.	State funding for the Library Renovation appropriation Encumbrance Deadline date:	June 30, 2024
2.	State funding for the Library Renovation appropriation Distribution Deadline date:	June 30, 2025

1.5 WORK PHASES

- A. This project is being coordinated concurrently with LCC's Bowman Building Renovation (Capital Renewal), Ph1 of 2 funded under a separate funding source.
- B. Phasing of work may be proposed by the Contractor to minimize disruption to the schedules of Lamar Community College, its facilities and its operations. All dates shall be coordinated with Owner. Contractor shall submit phasing and staging plans (as applicable) during the preconstruction meeting confirming general conformance with construction drawings and the owner's desired construction schedule which is included in Section 01 32 13.
- C. Before commencing Work of each phase, submit a schedule showing the sequence, commencement and completion dates, and move-out and -in dates of Owner's personnel for all phases of the Work.

1.6 WORK UNDER OTHER CONTRACTS

- A. General: Cooperate fully with separate contractors so work on those contracts may be carried out smoothly, without interfering with or delaying work under this Contract. Coordinate the Work of this Contract with work performed under separate contracts. Contractors are responsible for coordinating work with other trades, and Owner's self-performed work wherever and whenever they overlap.
- B. Preceding Work: None.
- C. Concurrent Work: LCC Bowman Building Renovation (Capital Renewal), Ph1 of 2. Facilities and I.T. Departments, and their vendors, are anticipated to be working in these areas during construction and will require coordination with the Contractor.
- D. Future Work: Work by Owner N.I.C.
- E. Work Under this Project Related to Separate Contracts: This project will require the preparation of a wall surface and installation of a Wall Mural in the Library. This artwork will be provided by the Owner for Contractor installation. This project also includes the coordination and installation of utilities within an Owner provided Circulation Desk in the Library.

1.7 GENERAL

- A. The work to be done under this Contract shall be performed in a workmanlike manner and to the satisfaction of the Architect as shown, documented and set forth in the Contract Documents.
- B. If these documents or the job conditions make it impossible to produce first class work or to warranty the work or its performance, or should discrepancies appear among the Contract Documents, Contractor shall request interpretation, correction or clarification prior to bidding as set forth in the Bidding Requirements. If the Contractor fails to make such request, the work must be performed in a satisfactory manner and not request for added cost or extension of time will be considered.
- C. Should conflict occur in or between Drawings and Specifications, Contractor (or Installer) is deemed to have estimated on the more expensive way of doing the work unless he/she shall have asked for and obtained written decision before submission of Bid as to which method or materials will be required.
- D. The Contractor represents, by submission of his bid, that he/she fully understands the nature and extent of the work, all factors and conditions affecting or which may be affected by it and characteristics of its various parts and elements and their fitting together and functioning.

1.8 USE OF PREMISES

- A. General: Contractor shall have limited use of premises for construction operations as indicated on Drawings. Contractor's use of premises is limited by Owner's right to maintain building/site occupancy and its right to perform work or to retain other contractors on portions of Project. Contractor shall coordinate and confirm scheduling dates with Owner's schedule.
- B. Use of Site: Limit use of premises to work in areas indicated or as specifically approved by the Owner's project manager. Do not disturb portions of Project site beyond areas in which the Work is indicated.

- 1. Limits: Confine construction operations to areas to be renovated under this contract only.
 - a. Limit site disturbance, including earthwork and clearing of vegetation, to 40 feet beyond building perimeter; 5 feet beyond primary roadway curbs, walkways, and main utility branch trenches; and 25 feet beyond pervious paving areas.
 - b. Contractor is responsible for repairing any site disturbance and landscape in areas affected by construction to its original condition, including staging areas and areas traversed by Contractor's forces.
- 2. Owner Occupancy: Allow for Owner occupancy of Project site.

Areas of the building immediately adjacent to areas under construction will be occupied by the public during the work of this project. Conduct the work of this project in a manner that will minimize disruption of the Owner's occupancy of adjacent areas.

- 3. Driveways and Entrances: Keep driveways, loading areas, and entrances serving premises clear and available to Owner, Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or storage of materials.
 - a. Schedule deliveries to minimize use of driveways and entrances.
 - b. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on-site.
- 4. Limit construction operations to those methods and procedures which will not adversely and unduly affect the working environment of the Owner's occupied spaces, inclusive of parking facilities, including noise, dust, odors, air pollution, ambient discomfort, poor lighting, hazards and other undesirable effects and conditions.
- 5. Disruptive operations: Noisy and other disruptive operations (such as use of jack hammers or other noisy equipment, or the application of odorous materials such as adhesives or asphalt) shall not be allowed in close proximity to existing buildings or mechanical ventilation intakes without specific notification to Owner, and Owner's strict approval.
 - a. Schedule and coordinate such operations with Owner.
 - b. Upon notification from Owner, cease operations which are, in the opinion of the Owner, disruptive to operations. Schedule such operations as described above.
 - c. All disruptive activities should be specifically indicated and distributed on the Contractor's weekly schedules.
- 6. Power Outages: Do not interrupt power, lighting, plumbing, telephone and HVAC services to occupied areas without Owner's approval. Such interruptions must be scheduled at least **ten (10)** work days in advance and have Owner's approval.
- 7. The Owner has a strict policy prohibiting sexual harassment and/or offensive language on campus. Contractor personnel shall adhere to Owner's policies.
- 8. The Owner has a strict policy prohibiting use of alcohol, tobacco, vaping, marijuana, and illegal substances on campus. Contractor personnel shall adhere to Owner's policies.
- C. Use of Existing Building: Maintain existing building in a weathertight condition throughout construction period. Repair damage caused by construction operations or as a result of not maintaining the building in a weathertight condition. Protect building and its occupants during construction period.

1. Special Event Coordination: The LCC Campus facilities conduct various events throughout the academic calendar. Contractor shall be responsible for coordinating work with the Owner's Special Event Schedule to ensure that Owner events are not disrupted by construction activities.

1.9 OWNER'S OCCUPANCY REQUIREMENTS

- A. Partial Owner Occupancy: Owner will occupy the premises during entire construction period, with the exception of areas under construction. Cooperate with Owner during construction operations to minimize conflicts and facilitate Owner usage. Perform the Work so as not to interfere with Owner's operations. Maintain existing exits and accessible routes, unless otherwise indicated or specifically approved by the Owner's project manager.
 - 1. The Owner intends on fully vacating the Library and Tutoring operations from the Bowman Building during the construction period. However, the building will still be partially occupied as described in the Bowman Capital Renewal construction documents.
 - 2. Maintain access to existing walkways, corridors, and other adjacent occupied or used facilities. Do not close or obstruct walkways, corridors, or other occupied or used facilities without written permission from Owner and authorities having jurisdiction.
 - 3. Owner may occupy designated areas for the purpose of equipment and installation of equipment.
- B. Owner Occupancy of Completed Areas of Construction: Owner reserves the right to occupy and to place and install equipment in completed areas of building, before Substantial Completion, provided such occupancy does not interfere with completion of the Work. Such placement of equipment and partial occupancy shall not constitute acceptance of the total Work.
 - 1. Architect will prepare a Certificate of Substantial Completion for each specific portion of the Work to be occupied before Owner occupancy.
 - 2. Obtain a Certificate of Occupancy/Notice of Code Compliance from authorities having jurisdiction before Owner occupancy.
 - 3. Before partial Owner occupancy, mechanical and electrical systems shall be fully operational, and required tests and inspections shall be successfully completed. On occupancy, Owner will operate and maintain mechanical and electrical systems serving occupied portions of building.
 - 4. On occupancy, Owner will assume responsibility for maintenance and custodial service for occupied portions of building.

1.10 SPECIFICATION FORMATS AND CONVENTIONS

- A. Specification Format: The Specifications are organized into Divisions and Sections using the CSI/CSC's "MasterFormat" 2016 numbering system.
 - 1. Division 1: Sections in Division 1 govern the execution of the Work of all Sections in the Specifications.
- B. Specification Content: The Specifications use certain conventions for the style of language and the intended meaning of certain terms, words, and phrases when used in particular situations. These conventions are as follows:

- 1. Abbreviated Language: Language used in the Specifications and other Contract Documents is abbreviated. Words and meanings shall be interpreted as appropriate. Words implied, but not stated, shall be inferred as the sense requires. Singular words shall be interpreted as plural, and plural words shall be interpreted as singular where applicable as the context of the Contract Documents indicates.
- 2. Inperative mood and streamlined language are generally used in the Specifications. Requirements expressed in the imperative mood are to be performed by Contractor. Occasionally, the indicative or subjunctive mood may be used in the Section Text for clarity to describe responsibilities that must be fulfilled indirectly by Contractor or by others when so noted.
 - a. The words "shall," "shall be," or "shall comply with," depending on the context, are implied where a colon (:) is used within a sentence or phrase.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION 01 10 00



FLOOR PLAN GENERAL NOTES:

- 1. REFER TO STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS/SPECIFICATIONS FOR ADDITIONAL INFORMATION ON THEIR RESPECTIVE DISCIPLINES.
- 2. SEE CODE COMPLIANCE PLANS FOR GENERAL RATING REQUIREMENTS.
- 3. ALL DIMENSIONS ARE TO FACE OF MASONRY WALL, CONCRETE COLUMN, OR FACE OF GYPSUM BOARD (OR CEMENT BACKER BOARD) MATERIAL AT STUD WALLS, UNLESS NOTED OTHERWISE.
- 4. FLOOR ELEVATION IS 100'-0" UNLESS OTHERWISE NOTED.
- 5. SEE SHEET A6.02 FOR PARTITION SCHEDULE.
- 6. SEE SHEET A6.03 FOR DOOR AND WINDOW SCHEDULES.
- 7. PROVIDE SEALANT AT ALL JOINTS OR CRACKS WHICH OCCUR WHERE MATERIALS INTERSECT UNLESS OTHERWISE NOTED.
- 8. PROVIDE HORIZONTAL WINDOW BLINDS AT ALL EXTERIOR WINDOWS PER FINISH SCHEDULES.
- 9. ROOM SIGNAGE TO BE PROVIDED BY OWNER

-(S)

KEY NOTES:

1 HATCHED AREAS INDICATE AREAS OF WORK UNDER A SEPARATE PROJECT SCOPE (CAPITAL RENEWAL) UNLESS NOTED OTHERWISE (2) CIRCULATION DESK BASE CASEWORK & COUNTERTOP; SEE 3/A9.10 $4 \ \text{J}$ and $3 \ \text{Base}$ casework & countertop w/work sink; see 10/a9.10 and PLUMBING DWGS. $\langle \langle 4 \rangle$ overhead coiling security grille w/side guiderails; see 8/a9.11 $\langle 5 \rangle$ COPIER/PRINTER ALCOVE; SEE ELEC. DWGS. 6) <u>ADD ALTERNATE #1:</u> BASE CASEWORK & COUNTERTOP; SEE 1/A9.11 \rightarrow <u>ADD ALTERNATE #1:</u> CHECK-IN STATION COUNTERTOP; SEE 4/A9.10 $\langle 8 \rangle$ Wall-MTD MONITOR; PROVIDE WD BLKG AS REQD BY MFR; MONITOR SHALL NOT PROTRUDE MORE THAN 4" FROM F.O. FIN. WALL; SEE ELEC. DWGS. (9) FULLY-RECESSED FIRE EXTINGUISHER CABINET 10 SEMI-RECESSED FIRE EXTINGUISHER CABINET; SHALL NOT PROTRUDE MORE THAN 4" FROM F.O. FIN. WALL (1) FLOOR-MOUNTED CANE DETECTION RAIL; SEE 3/A7.03 $\langle 2 \rangle$ Relocated (E) BOOKSHELVES; (TYP.) (13) ALIGN FIN. F.O. WALL W∕ F.O. BOOKSHELF (14) INSTALL (N) PNL O/(E) END PNL OF (E) BOOKSHELVES; SEE 2/A9.11 15 8'-0" LONG X 4'-0" HIGH MARKERBOARD PROVIDED BY OWNER; INSTALLED BY CONTRACTOR 56 wall graphic provided by owner, installed by contractor O/GYP BD FURRING W/ LEVEL 5 FINISH; SEE 1/A7.02 (1) BASE BID: CONSTRUCT (N) DOORS, FRAMES, & DOOR ALCOVE WALLS ADD ALTERNATE #5: CONSTRUCT NEW PARTITION W/INTERIOR WINDOWS BETWEEN (N) DOOR ALCOVES BASE BID: NO WORK THIS AREA <u>ADD ALTERNATE #3:</u> CONSTRUCT (N) DOORS, FRAMES, & DOOR ALCOVE WALLS ONLY ADD ALTERNATE #6: CONSTRUCT (N) PARTITION W/INTERIOR WINDOWS

ADD ALTERNATE #1: 10'-6" LONG X 2'-6" DEEP X 3'-2" HIGH SOLID SURFACE WORK COUNTER W/ WATERFALL EDGE; SEE 7/A9.10

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FLOOR PLAN EAST FIRST LEVEL

3/12/2024 DATE: REV: \land ADDENDUM #1 <u>1</u> 3/27/2024

SHEET NO .:





ROOF PLAN GENERAL NOTES:

- 1. COORDINATE ROOF DRAIN AND OVERFLOW ROOF DRAIN LOCATIONS WITH FINAL JOIST LAYOUT.
- 2. SLOPES SHOWN ARE MINIMUM TO BE PROVIDED.
- PROVIDE FIRE-TREATED WOOD BLOCKING UNDER PREFABRICATED CURBS AT MECHANICAL EQUIPMENT FOR A MINIMUM EXPOSED CURB OF 12 INCHES ABOVE ROOF SURFACE.
- 4. REFER TO MECHANICAL, PLUMBING, AND ELECTRICAL PLANS FOR ADDITIONAL ROOF PENETRATION REQUIREMENTS. MAINTAIN A MINIMUM OF FIVE FEET FROM ALL PARAPETS, UNLESS OTHERWISE NOTED.
- 5. PROVIDE TAPERED INSULATION CRICKET ON HIGH SIDE OF ALL MECHANICAL, PLUMBING, AND ELECTRICAL EQUIPMENT.
- 6. HOLD ALL LIGHTNING PROTECTION BACK FROM ROOF EDGE TWO FEET MINIMUM.
- 7. PAINT ALL NON-PREFINISHED EXTERIOR LADDERS, BRACKETS, EXPOSED GAS PIPING, ETC, UNLESS OTHERWISE NOTED.

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PARTIAL EAST ROOF PLAN

ADDENDUM #1 3/27/2024

A2.32

3/12/2024

AN LIBRARY COMMUNIT MAIN ST. , CO 81052

BID SET

2401 S. LAMAR,

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KEY NOTES:

FULLY-ADHERED EPDM ROOFING SYSTEM O/(E) ROOFING ASSEMBLY TO BE INSTALLED UNDER SEPARATE SCOPE OF WORK (N.I.C.); SEE NEW ASSEMBLIES DESCRIBED BELOW FOR REFERENCE; (TYP.)

2 ROOFTOP MECH. EQUIPMENT (N.I.C.); SEE MECH. DWGS.

3 ROOFTOP ACCESS DOOR PROVIDED AND INSTALLED UNDER SEPARATE SCOPE OF WORK (N.I.C.)

4 EXTERIOR ROOF ACCESS LADDER AND PLATFORM PROVIDED AND INSTALLED UNDER SEPARATE SCOPE OF WORK (N.I.C.)

 1
 5
 SKYLIGHT ASSEMBLY O/INSULATED STL CURB; SEE 11/A9.11 & 12/A9.11

 6
 ROOF OF VESTIBULE ADDITION BELOW; (N.I.C.)

NOTE: ROOF RE-COVER IS NOT PART OF THE LIBRARY RENOVATION SCOPE OF WORK AND ASSEMBLY INFORMATION IS PROVIDED BELOW FOR CONTRACTOR REFERENCE ONLY. P EXISTING ROOFING ASSEMBLY GRAVEL SURFACING ASSEMBLY ASPHALT BUILT-UP ROOFING ASSEMBLY OVER (E) PRECAST CONCRETE DOUBLE TEE STRUCTURAL ROOF DECK NEW ROOFING ASSEMBLY (S)

60 MIL EPDM MEMBRANE - FULLY ADHERED 0.5" HD. ISO. FOAM COVER BOARD 3.0" POLYISO. FOAM INSULATION BOARD (E) ASPHALT BUILT-UP ROOFING (E) 0.75" PERLITE COVER BOARD (E) TAPERED PERLITE INSULATION (6.25" MAX. DEPTH) OVER (E) PRECAST CONCRETE DOUBLE TEE STRUCTURAL ROOF DECK

WIND PRESSURE APPLICABLE TO ALL WORK THIS SHEET:

PRESSURES DERIVED BY ASD METHOD WITH A SAFETY FACTOR OF 2X. MINIMUM DESIGN UPLIFT-RESISTANCE CAPACITIES ARE AS FOLLOWS: (ZONES AS DEFINED BY ASCE 7-16)

ZONE 1 (ROOF FIELD AREA)	58.3 PSF
ZONE 2 (ROOF PERIMETER 12 FT WIDE):	76.8 PSF
ZONE 3 (ROOF CORNERS 4 FT X 4 FT EA. DIRECTION):	104.7 PSF

WIND LOAD DESIGN PERIMETER EDGE METAL SHALL BE AS FOLLOWS: (ZONES AS DEFINED BY ASCE 7-16)

ZONE 2 (ROOF EDGE PERIMETER, VERTICAL LOAD): ZONE 3 (ROOF CORNERS, VERTICAL LOAD): ZONE 4 (ROOF EDGE PERIMETER, HORIZ. LOAD): ZONE 5 (ROOF CORNERS, HORIZ. LOAD):

PSF
PSF
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PSF



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