

ASBESTOS SURVEY

**Westlink Library
8515 W. Bekemeyer
Wichita, Kansas**

PREPARED FOR:

City of Wichita
455 N Main
Wichita, KS 67202

PREPARED BY:

Paradigm Group, LLC
PO Box 8200
Wichita, KS 67208
316.239.7097

October 5, 2023



October 5, 2023

City of Wichita
455 N Main
Wichita, KS 67202

RE: Asbestos survey – Westlink Library, 8515 W. Bekemeyer, Wichita, KS.

Per your request, Paradigm Group has completed an asbestos survey of the above referenced property. This survey is for the identification of asbestos-containing materials in buildings that are to be renovated or demolished. Samples were taken of all accessible suspect asbestos containing materials throughout the property. Our laboratory has completed sample analysis and the following asbestos-containing materials were identified:

Asbestos Containing Materials (>1% Asbestos)

Category I Non-Friable

- Approximately 162 sf of asbestos floor tile only. See location map for location of material.
- Approximately 80 sf of blue asbestos stair tread. See location map for location of material.

Note: The above category I non-friable asbestos containing materials do not need to be removed prior to demolition or renovation activities unless applied to concrete that will be recycled or if it will be subject to crushing, crumbling, pulverizing or otherwise rendered friable.

Category II Non-Friable

- Approximately 1 sink with asbestos undercoating. See location map for location of material.

Note: The above category II non-friable asbestos containing materials must be removed prior to demolition or renovation if it will be subjected to crushing, crumbling, pulverizing or otherwise rendered friable by demolition or renovation activities.

This survey was performed by an EPA accredited inspector and sample analysis was performed by a NVLAP and AIHA accredited laboratory. Paradigm cannot guarantee all asbestos-containing materials were identified due to the possibility that there may be ACM hidden from sight by non-ACM or in inaccessible locations.

This report has been prepared for exclusive use of our client, in accordance with generally accepted

asbestos survey practices, and within the constraints of client's directives. No warranties, either expressed or implied, are intended or made. Conclusions drawn by others from results of this survey, as described in this report, should recognize the limitations of the survey methods.

If you require additional services or have questions, please contact us.

Best regards,

A handwritten signature in blue ink, appearing to read "Darin Helsel". The signature is fluid and cursive, with the first name "Darin" being more prominent than the last name "Helsel".

Darin Helsel
Inspector

Removal Cost Estimate

It is estimated that it will cost \$1,750.00 to complete this project. This estimate is based on average removal conditions. Actual cost required for abatement will vary depending on developments unforeseen prior to the beginning of the abatement project.

SAMPLE DATA SUMMARY

SAMPLE DATA SUMMARY

Building: Westlink Library
Wichita, KS

Inspection Date: September 21, 2023

Sample Data

Sample Number	Description	Sample Location	% Asbestos Friable or Non-friable	Condition
1-CT1	2 x 2 ceiling tile	See Location Map	No Asbestos Detected (NAD)	N/A
1-CT2	2 x 2 ceiling tile	See Location Map	NAD	N/A
2-FTa1	Beige w/brown & tan marbling 12" tile	See Location Map	5% Cat. I Non-Friable	Good
2-FTa2	Black mastic	See Location Map	NAD	N/A
2-FTb1	Yellow mastic	See Location Map	NAD	N/A
2-FTb2	Beige w/brown & tan marbling 12" tile	See Location Map	5% Cat. I Non-Friable	Good
2-FTb3	Black mastic	See Location Map	NAD	N/A
3-STa1	Blue stair tread	See Location Map	3% Cat. I Non-Friable	N/A
3-STa2	Brown mastic	See Location Map	NAD	N/A
3-STb1	Blue stair tread	See Location Map	3% Cat. I Non-Friable	N/A
3-STb2	Brown mastic	See Location Map	NAD	N/A
4-SVa1	Black stair landing	See Location Map	NAD	N/A
4-SVa2	Cream mastic	See Location Map	NAD	N/A
4-SVb1	Black stair landing	See Location Map	NAD	N/A
4-SVb2	Cream mastic	See Location Map	NAD	N/A
5-CBa1	Tan cove base	See Location Map	NAD	N/A
5-CBa2	Cream mastic	See Location Map	NAD	N/A
5-CBa3	Brown mastic	Plaster See Location Map	NAD	N/A
5-CBb1	Tan cove base	See Location Map	NAD	N/A
5-CBb2	Cream mastic	See Location Map	NAD	N/A
5-CBb3	Brown mastic	See Location Map	NAD	N/A
6-CTa	1 x 1 ceiling tile	See Location Map	NAD	N/A

SAMPLE DATA SUMMARY

Building: Westlink Library
Wichita, KS

Inspection Date: September 21, 2023

Sample Data

Sample Number	Description	Sample Location	% Asbestos Friable or Non-friable	Condition
6-CTb	1 x 1 ceiling tile	See Location Map	No Asbestos Detected (NAD)	N/A
7-SRa1	Joint compound	See Location Map	NAD	N/A
7-SRa2	Drywall	See Location Map	NAD	N/A
7-SRb1	Joint compound	See Location Map	NAD	N/A
7-SRb2	Drywall	See Location Map	NAD	N/A
8a	Grout	See Location Map	NAD	N/A
8b	Grout	See Location Map	NAD	N/A
9a	Gray thinset	See Location Map	NAD	N/A
9b	Gray thinset	See Location Map	NAD	N/A
10a1	White caulk	See Location Map	NAD	N/A
10a2	White grout	See Location Map	NAD	N/A
10a3	Tan mastic	See Location Map	NAD	N/A
10b1	Tan ceramic tile	See Location Map	NAD	N/A
10b2	Beige grout	See Location Map	NAD	N/A
10b3	Tan mastic	See Location Map	NAD	N/A
11-FTa1	White w/gray streaks 12" tile	See Location Map	NAD	N/A
11-FTa2	Tan mastic	See Location Map	NAD	N/A
11-FTb1	White w/gray streaks 12" tile	See Location Map	NAD	N/A
11-FTb2	Tan mastic	See Location Map	NAD	N/A
12-CTa	2 x 4 ceiling tile	See Location Map	NAD	N/A
12-CTb	2 x 4 ceiling tile	See Location Map	NAD	N/A
13-FTa1	Blue 12" tile	See Location Map	NAD	N/A
13-FTa2	Yellow mastic	See Location Map	NAD	N/A

SAMPLE DATA SUMMARY

Building: Westlink Library
Wichita, KS

Inspection Date: September 21, 2023

Sample Data

Sample Number	Description	Sample Location	% Asbestos Friable or Non-friable	Condition
13-FTb1	Blue 12" tile	See Location Map	No Asbestos Detected (NAD)	N/A
13-FTb2	Yellow mastic	See Location Map	NAD	N/A
14-CBa1	Beige cove base	See Location Map	NAD	N/A
14-CBa2	Cream mastic	See Location Map	NAD	N/A
14-CBb1	Beige cove base	See Location Map	NAD	N/A
14-CBb2	Cream mastic	See Location Map	NAD	N/A
15-SC	Sink undercoating	See Location Map	5% Cat. II Non-Friable	N/A
16-Pa	Plaster	See Location Map	NAD	N/A
16-Pb	Plaster	See Location Map	NAD	N/A
16-Pb	Plaster	See Location Map	NAD	N/A
16-Pc	Plaster	See Location Map	NAD	N/A
16-Pc	Plaster	See Location Map	NAD	N/A
17-C	White window caulking	See Location Map	NAD	N/A
18-C	Black door caulking	See Location Map	NAD	N/A
19a	Flashing caulking	See Location Map	NAD	N/A
19b	Flashing caulking	See Location Map	NAD	N/A
20-Ca	Gray door caulking	See Location Map	NAD	N/A
20-Cb	Gray door caulking	See Location Map	NAD	N/A

**BULK SAMPLE ANALYSIS
&
CHAIN OF CUSTODY**



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

Quantem Lab No.	362706	Client:	Paradigm Group, LLC
Account Number:	B936		Darin Helsel
Date Received:	09/25/2023		1314 N. Oliver, #8200
Received By:	Baylie Longstreth		Wichita, KS 67208
Date Analyzed:	09/29/2023	Project:	Westlink Library
Analyzed By:	Benjamin Hill	Project Location:	Wichita, KS
Methodology:	EPA/600/R-93/116	Project Number:	N/A

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1-CTa	Homogeneous	White Ceiling Tile	Asbestos Not Present	Glass Fiber 90	Paint
002	1-CTb	Homogeneous	White Ceiling Tile	Asbestos Not Present	Glass Fiber 90	Paint
003	2-FTa	Layered	Beige Floor Tile	Asbestos Present Chrysotile 5	NA	CaCO3 Vinyl
003a		Layered	Black Mastic	Asbestos Not Present	NA	Tar
004	2-FTb	Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
004a		Layered	Beige Floor Tile	Asbestos Present Chrysotile 5	NA	CaCO3 Vinyl
004b		Layered	Black Mastic	Asbestos Not Present	NA	Tar

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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Analyzed By:	Benjamin Hill	Project Location:	Wichita, KS
Methodology:	EPA/600/R-93/116	Project Number:	N/A

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
005	3-STa	Layered	Blue Stair Tread	Asbestos Present Chrysotile 3	NA	Rubber
005a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
006	3-STb	Layered	Blue Stair Tread	Asbestos Present Chrysotile 3	NA	Rubber
006a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
007	4-SVa	Layered	Gray Flooring	Asbestos Not Present	NA	Rubber CaCO3
007a		Layered	Cream Mastic	Asbestos Not Present	NA	Glue CaCO3

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Analyzed By:	Benjamin Hill	Project Location:	Wichita, KS
Methodology:	EPA/600/R-93/116	Project Number:	N/A

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	4-SVb	Layered	Gray Flooring	Asbestos Not Present	NA	Rubber CaCO3
008a		Layered	Cream Mastic	Asbestos Not Present	NA	Glue CaCO3
009	5-CBa	Layered	Brown Cove Base	Asbestos Not Present	NA	CaCO3 Vinyl
009a		Layered	Cream Mastic	Asbestos Not Present	NA	Glue
009b		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
010	5-CBb	Layered	Brown Cove Base	Asbestos Not Present	NA	CaCO3 Vinyl
010a		Layered	Cream Mastic	Asbestos Not Present	NA	Glue

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Methodology:	EPA/600/R-93/116	Project Number:	N/A

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
010b		Layered	Brown Mastic	Asbestos Not Present	NA	Glue
011	6-CTa	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 45 Glass Fiber 45	Paint
012	6-CTb	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 45 Glass Fiber 45	Paint
013	7-SRa	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3
013a		Layered	White Drywall	Asbestos Not Present	Cellulose 10 Glass Fiber 2	Gypsum
014	7-SRb	Layered	White Joint Compound	Asbestos Not Present	NA	CaCO3

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Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
014a		Layered	White Drywall	Asbestos Not Present	Cellulose 10 Glass Fiber 2	Gypsum
015	8A	Homogeneous	Brown Grout	Asbestos Not Present	NA	CaCO3 Sand
016	8B	Homogeneous	Brown Grout	Asbestos Not Present	NA	CaCO3 Sand
017	9A	Homogeneous	Gray Thinset	Asbestos Not Present	NA	CaCO3 Sand
018	9B	Homogeneous	Gray Thinset	Asbestos Not Present	NA	CaCO3 Sand
019	10A	Layered	White Caulk	Asbestos Not Present	NA	CaCO3 Binder
019a		Layered	White Grout	Asbestos Not Present	NA	CaCO3 Sand

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Analyzed By: Benjamin Hill Project Location: Wichita, KS
Methodology: EPA/600/R-93/116 Project Number: N/A

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
019b		Layered	Tan Mastic	Asbestos Not Present	NA	Glue CaCO ₃
020	10B	Layered	Tan Ceramic Tile	Asbestos Not Present	NA	Clay Sand
020a		Layered	Beige Grout	Asbestos Not Present	NA	CaCO ₃ Sand
020b		Layered	Tan Mastic	Asbestos Not Present	NA	Glue CaCO ₃
021	11-FTa	Layered	White/Gray Floor Tile	Asbestos Not Present	NA	CaCO ₃ Vinyl
021a		Layered	Tan Mastic	Asbestos Not Present	NA	Glue

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Analyzed By:	Benjamin Hill	Project Location:	Wichita, KS
Methodology:	EPA/600/R-93/116	Project Number:	N/A

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
022	11-FTb	Layered	White/Gray Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
022a		Layered	Tan Mastic	Asbestos Not Present	NA	Glue
023	12-CTa	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose Glass Fiber 50 30	Perlite Paint
024	12-CTb	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose Glass Fiber 50 30	Perlite Paint
025	13-FTa	Layered	Blue Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl
025a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
026	13-FTb	Layered	Blue Floor Tile	Asbestos Not Present	NA	CaCO3 Vinyl

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Methodology:	EPA/600/R-93/116	Project Number:	N/A

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
026a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
027	14-CBa	Layered	Beige Cove Base	Asbestos Not Present	NA	CaCO3 Vinyl
027a		Layered	Cream Mastic	Asbestos Not Present	NA	CaCO3 Glue
028	14-CBb	Layered	Beige Cove Base	Asbestos Not Present	NA	CaCO3 Vinyl
028a		Layered	Cream Mastic	Asbestos Not Present	NA	CaCO3 Glue
029	15-SC	Homogeneous	Purple Sink Undercoat	Asbestos Present Chrysotile 5	NA	CaCO3 Binder

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Methodology:	EPA/600/R-93/116	Project Number:	N/A

Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
030	16-Pa	Homogeneous	Light Gray Plaster	Asbestos Not Present	NA	Gypsum Sand
031	16-Pb	Layered	Light Gray Plaster	Asbestos Not Present	NA	Gypsum Sand
031a		Layered	Dark Gray Plaster	Asbestos Not Present	NA	Gypsum Sand
032	16-Pc	Layered	Light Gray Plaster	Asbestos Not Present	NA	Gypsum Sand
032a		Layered	Dark Gray Plaster	Asbestos Not Present	NA	Gypsum Sand
033	17-C	Homogeneous	White Caulk	Asbestos Not Present	NA	CaCO3 Binder
034	18-C	Homogeneous	Black Caulk	Asbestos Not Present	NA	CaCO3 Binder

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Quantem Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
035	19A	Homogeneous	White Caulk	Asbestos Not Present	NA	CaCO3 Binder
036	19B	Homogeneous	Gray Caulk	Asbestos Not Present	NA	CaCO3 Binder
037	20-Ca	Homogeneous	Gray Caulk	Asbestos Not Present	NA	CaCO3 Binder
038	20-Cb	Homogeneous	Gray Caulk	Asbestos Not Present	NA	CaCO3 Binder

Benjamin Hill

Benjamin Hill, Assistant Laboratory Manager

9/29/2023

Date of Report

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362706

PO Box 8200
Wichita, KS 67208
316.239.7097
Fax 316.215.6517

Date: 9/22/23

Page: 1 of 3

Client: City of Wichita
Address: _____

Project: Westlink Library
Address: Wichita, KS

PO #: _____
Phone: _____
Fax: _____

Building #: _____
Job #: _____

<p><u>Test For</u></p> <p>Asbestos <input checked="" type="checkbox"/> <u>X</u></p> <p>Lead _____</p> <p>Other _____</p>	<p><u>Type of Analysis</u></p> <p>PLM <input checked="" type="checkbox"/> <u>X</u></p> <p>TEM _____</p> <p>Atomic Absorption _____</p> <p>TCLP _____</p> <p>Other _____</p>
<p>Turnaround: <input type="checkbox"/> Rush <input type="checkbox"/> 24 hr <input type="checkbox"/> 3-Day <input checked="" type="checkbox"/> 5-Day</p>	

SAMPLE NUMBER	TYPE OF CONTAINER	DESCRIPTION OF MATERIAL	
1	1-CTa	Plastic Bag	Ceiling Tile
2	1-CTb	Plastic Bag	" "
3	2-FTa	Plastic Bag	Floor Tile + Mastic
4	2-FTb	Plastic Bag	" " "
5	3-STa	Plastic Bag	Stair Tread
6	3-STb	Plastic Bag	" "
7	4-SVa	Plastic Bag	Sheet Vinyl / Landing covering
8	4-SVb	Plastic Bag	" " " "
9	5-CBa	Plastic Bag	Cove Base
10	5-CBb	Plastic Bag	" "
11	6-CTa	Plastic Bag	Ceiling Tile
12	6-CTb	Plastic Bag	" "
13	7-SRa	Plastic Bag	Drywall + Joint Compound
14	7-SRb	Plastic Bag	" " "
15	8a	Plastic Bag	Grout

INSPECTOR/SAMPLER: _____ Darin Helsel

RELINQUISHED BY Darin Helsel DATE 9/22/23

RECEIVED BY Ba DATE 9/25/23 9:10



362706

PO Box 8200
Wichita, KS 67208
316.239.7097
Fax 316.215.6517

Date: 9/22/23Page: 2 of 3Client: City of Wichita
Address: _____Project: Westlink Library
Address: Wichita, KSPO #: _____
Phone: _____
Fax: _____Building #: _____
Job #: _____

Test For		Type of Analysis	
Asbestos <u>X</u>		PLM <u>X</u>	
Lead _____		TEM _____	
Other _____		Atomic Absorption _____	
Turnaround: <input type="checkbox"/> Rush <input type="checkbox"/> 24 hr <input type="checkbox"/> 3-Day <input checked="" type="checkbox"/> 5-Day		TCLP _____	
Other _____			
SAMPLE NUMBER	TYPE OF CONTAINER	DESCRIPTION OF MATERIAL	
16 8b	Plastic Bag	GROUT	
17 9a	Plastic Bag	Thinset	
18 9b	Plastic Bag	"	
19 10a	Plastic Bag	GROUT + GLUE	
20 10b	Plastic Bag	" "	
21 11-FTA	Plastic Bag	Floor tile + mastic	
22 11-FTb	Plastic Bag	" " "	
23 12-CTa	Plastic Bag	Ceiling Tile	
24 12-CTb	Plastic Bag	" "	
25 13-FTA	Plastic Bag	Floor Tile + mastic	
26 13-FTb	Plastic Bag	" " "	
27 14-CBa	Plastic Bag	Core Base	
28 14-CBb	Plastic Bag	" "	
29 15-SC	Plastic Bag	Sink coating	
30 16-Pa	Plastic Bag	Plaster	

INSPECTOR/SAMPLER: _____ Darin Helsel

RELINQUISHED BY _____ DATE _____

Darin Helsel 9/24/23

RECEIVED BY _____ DATE _____



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Page: 3 of 3

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Address: _____

Project: Westlink Library
Address: Wichita, KS

PO #: _____
Phone: _____
Fax: _____

Building #: _____
Job #: _____

Test For		Type of Analysis	
Asbestos <input checked="" type="checkbox"/>		PLM <input checked="" type="checkbox"/>	
Lead _____		TEM _____	
Other _____		Atomic Absorption _____	
Turnaround: <input type="checkbox"/> Rush <input type="checkbox"/> 24 hr <input type="checkbox"/> 3-Day <input checked="" type="checkbox"/> 5-Day		TCLP _____	
Other _____			

SAMPLE NUMBER	TYPE OF CONTAINER	DESCRIPTION OF MATERIAL	
31 16-Pb	Plastic Bag	Plaster	
32 16-Pc	Plastic Bag	"	
33 17-C	Plastic Bag	Caulking	
34 18-C	Plastic Bag	Caulking	
35 19a	Plastic Bag	Flashing Caulk	
36 19b	Plastic Bag	" "	
37 20-Ca	Plastic Bag	Door Caulking	
38 20-Cb	Plastic Bag	" "	
	Plastic Bag		
	Plastic Bag		
	Plastic Bag		
	Plastic Bag		
	Plastic Bag		
	Plastic Bag		
	Plastic Bag		
	Plastic Bag		

INSPECTOR/SAMPLER: _____ Darin Helsel

RELINQUISHED BY _____ DATE 9/22/23
Darin Helsel

RECEIVED BY _____ DATE _____

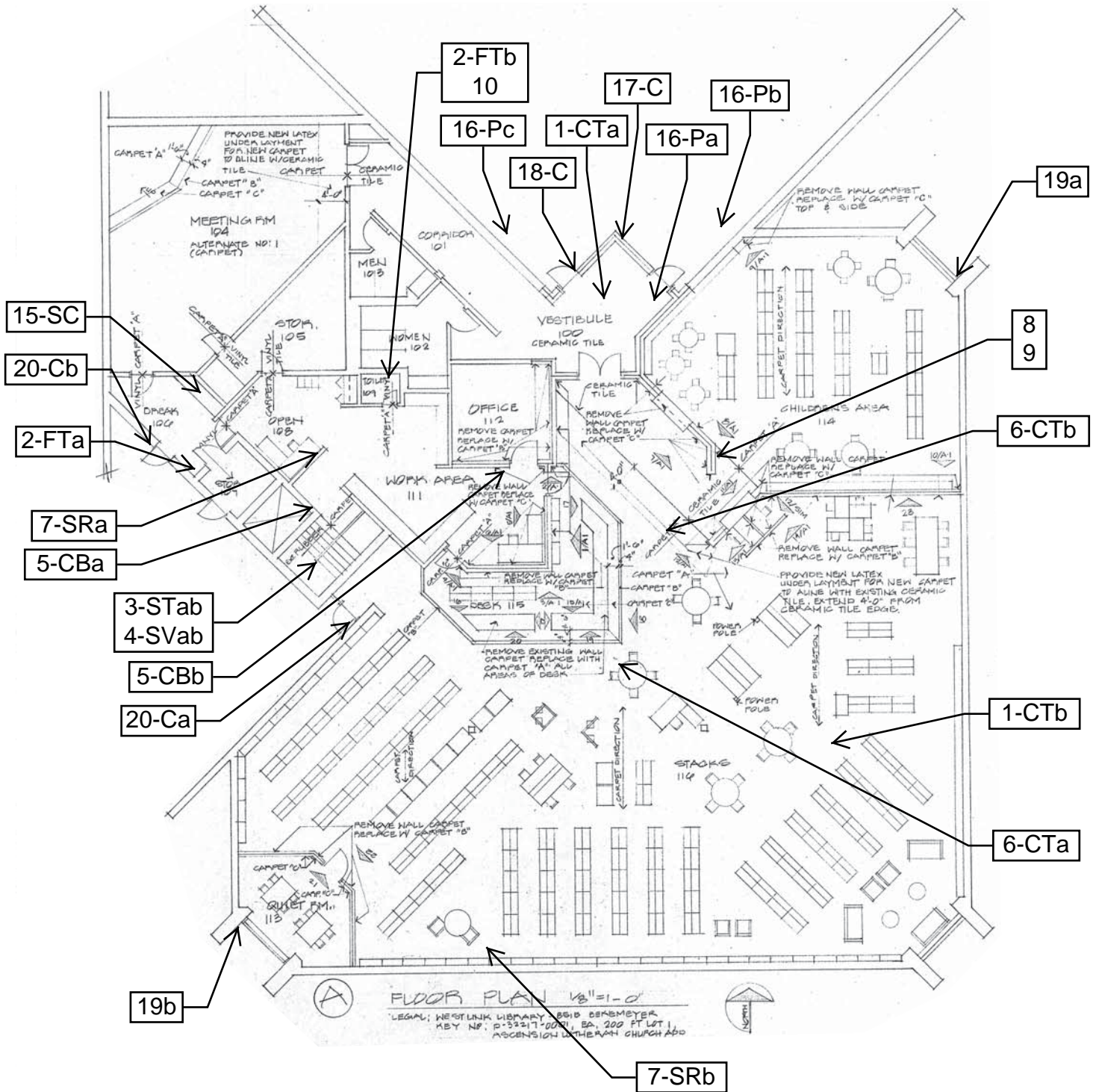
FIELD SAMPLE DATA SHEET

FIELD SAMPLE DATA

CLIENT: City of Wichita	PROJECT: Westlink Library	INSPTR: D. Heikel	DATE: 9/21/23
AREA	X 1-CT Heavy Texture	X 8-FT Beige w/Brown + tan marbling	Tiled only
			X 3-5 Tiled only
	X 6-CT Wall + Ceiling	X 4-SV Black Stair Landing	X 5-CB Tan
	X 7-SR		X 8
			X 9
			X 10 Grout + metal
	X 11-FT White w/Gray streaks		
	X 12-CT Horizontal wood + holes		
	X 13-FT Tile		
			X 14-EB Base
			X 15-SC
	X 16-P Exterior plaster		
		X 17-C Window caulking white	
		X 19-C Door caulking Gray/black	
		X 20-C Door - Gray	X 19 Gray

SAMPLE LOCATION MAP

SAMPLE LOCATION MAP



Project Westlink Library - Basement

Date 21-Sep-23

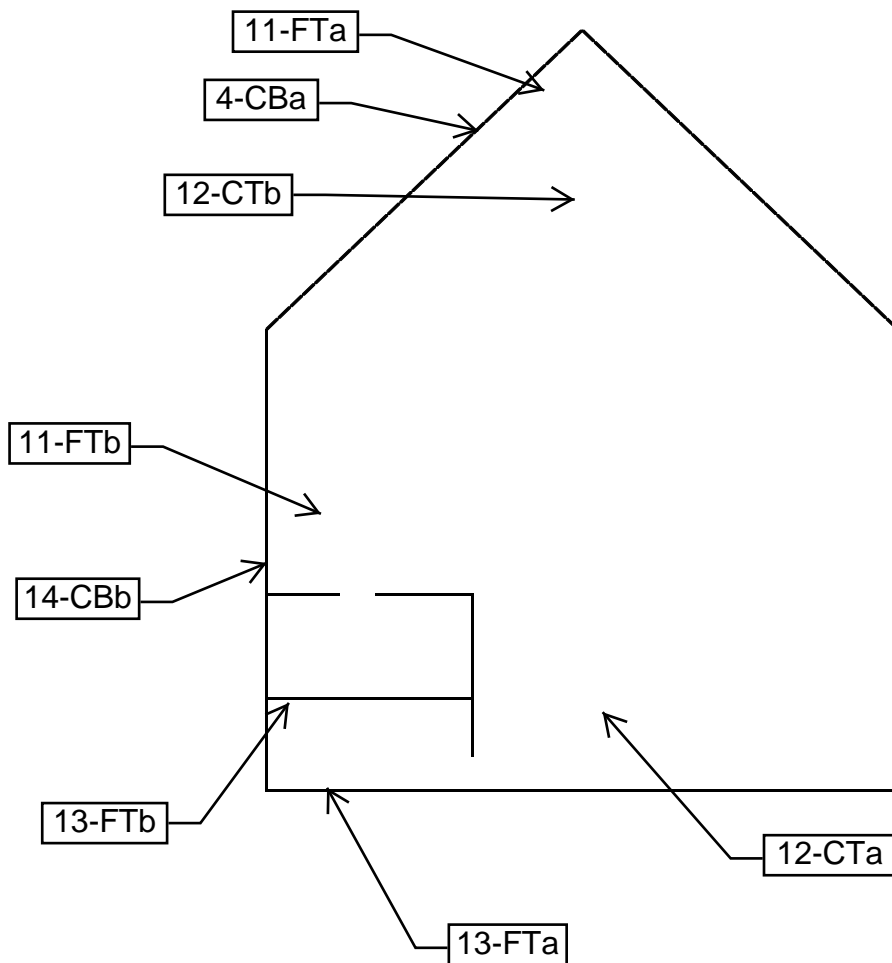
Location Wichita, KS

By D. Helsel

Client City of Wichita

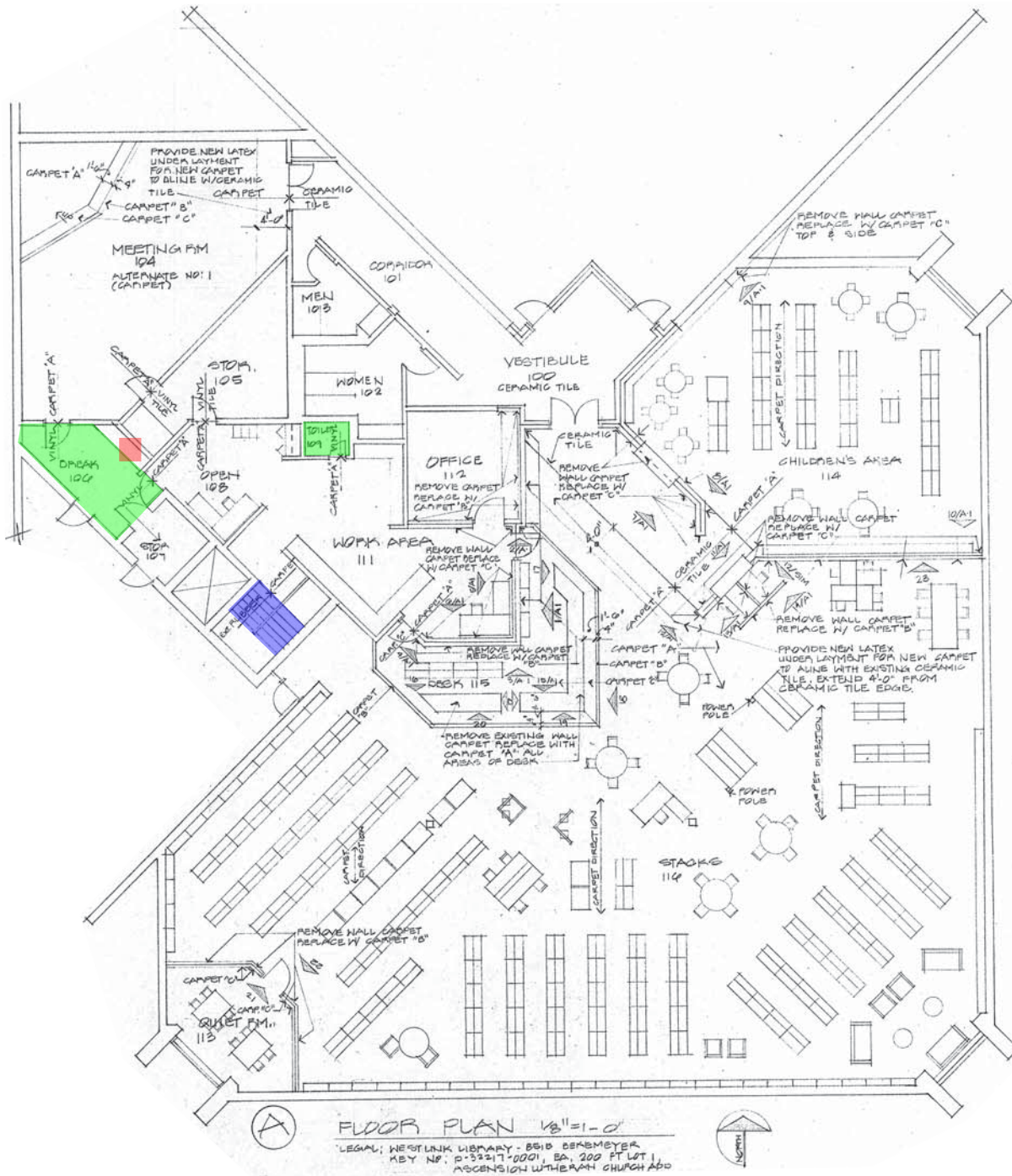
Job No. _____

SAMPLE LOCATION MAP



ASBESTOS LOCATION MAP

ASBESTOS LOCATION MAP



- Asbestos floor tile only
- Asbestos stair treads
- Sink with asbestos undercoating

CREDENTIALS

Expiration: 11/3/2023

Certificate Number: 6979659



Environmental
A Consulting & Facility Support Services Company

215 S. Laura ➤ Wichita, KS 67211 ➤ Phone: (316) 264-7050 ➤ Email: training@isienvironmental.com

Darin Helsel

*has successfully completed a course in and passed the final written exam
with a score of at least 70% for*

EPA and Missouri Approved

Asbestos Inspector Refresher

EPA/AHERA Accreditation for under 40 CFR Part 763,
Subpart E, Appendix C, Section 206 of the Toxic Substances Control Act (TSCA Title II),
15 U.S.C. 2646. Missouri Training Provider MO #126

A handwritten signature in black ink, appearing to read 'Ron Aunquoe', written over a horizontal line.

Ron Aunquoe, Instructor

November 3, 2022

Date(s)

