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ID Public Works-026319

All asbestos surveys performed by Specialty Environmental Group will be conducted by a certified AHERA building inspector as defined under 40 CFR 763. Comprehensive surveys may use destructive sampling; all sampling will be taken in accordance with 40 CFR 763.86 unless limited by the client.

SAMPLING PROTOCOLS:

Surfacing Material (for each homogenous group)

- ≤1000 sq ft = 3 samples
- > 1000 sq ft and ≤5000 sq ft = 5 samples
- >5000 sq ft = 7 samples

Thermal System Insulation

- 3 samples for each homogenous group

Patched Thermal Insulation

- <6 linear ft or <6 sq ft =1 sample
- >6 linear ft or >6 sq ft =3 samples

Miscellaneous Material (friable)*

- 2 samples for each homogenous group*

Miscellaneous Materials (Non-Friable) *

- 2 samples for each homogenous group

SPOKANE COUNTY ONLY

***Spokane Regional Clean Air now requires (2) samples minimum for each of these groups, Vermiculite is regulated including samples <1%**

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ASBESTOS GOOD FAITH SURVEY

VA Medical Center
4815 N Assembly St. AHU 10,18,20,22
Spokane WA 99205

Commercial **JOB #4815 pt.1-CS**

CONTENTS

Introduction and Survey	**Page 1-4**
Laboratory Sample Results	**attachment A**
Laboratory Accreditation	**attachment B**
Suspect Materials List	**attachment C**
Inspector AHERA Accreditation	**attachment D**

Procedure for Communicating Survey Findings to Affected Parties:
A summary of the results of the asbestos survey shall be posted, either by the property owner or the owner's agent (e.g., general contractor) at the work site or communicated in writing to all persons who may come into contact with the material. A signed acknowledgment by a responsible party (owner or owner's representative) should be included in or attached to the report. The acknowledgment should be similar to the following:
"I acknowledge that I have read and understand this report. I further acknowledge that hidden asbestos materials may exist in concealed areas that may be exposed during my work. If suspect materials (refer to attachment C) are discovered, I will treat the material as asbestos containing until testing proves otherwise."

Firm Name:_____

Signature: _____

Name: (Print or Type): _____

Title: _____

Address:_____

Phone Number: _____ Date: _____

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April 17, 2024

Limited Asbestos Survey
4815 N Assembly St. AHU 10,18,20,22 Spokane WA 99205

On January 11th and 17th and March 7th 2024 samples of suspect asbestos containing materials were collected at the above address a commercial building. Materials were limited to flooring, GWB wall systems, pipe wrap, plaster, acoustical tiles and different duct and wall sealants in areas covering AHU 10, 18, 20, and 22 only. Less than 1,000 sq. ft. of GWB walls and plaster will be impacted at this time. The intention of this survey is to sample possible asbestos containing materials impacted in a renovation project. The materials affected were identified by the client.

This asbestos survey is required by the Environmental Protection Agency (EPA) and the Occupational Health and Safety Administration (OSHA) to identify asbestos containing materials required to be removed and disposed in accordance with local, state and federal regulations, prior to any demolition, renovation or remodeling that will disturb these materials.

The client for this survey is Aesus Design Group.

Survey Approach: Representative samples of suspect asbestos materials were collected using the Asbestos Hazard Emergency Response Act (AHERA) protocol. Samples were submitted under chain of custody to Aerobiology Laboratory Associates of Huntington Beach, CA for analysis.

Building and Samples: The building was constructed in 1950 and contains 176,744 sq. ft. It is in fair condition pending the renovation project. All samples were in good condition and readily identifiable.

Results: **See Attachment A for Sample Analysis Report and Field Sample Log**
The suspect materials analyzed did detect asbestos greater than 1% as regulated ACM.

Asbestos Materials: Yes see attachement

Homogenous/Suspect Materials See attachment

If a material not sampled in this report will be impacted, it should be sampled by an AHERA-accredited building inspector and analyzed to determine asbestos content before any activity impacting the material.

Laboratory Accreditation: Aerobiology Laboratory Associates of Huntington Beach, CA analyzed the suspect asbestos samples for asbestos fibers. The samples were analyzed using an EPA-recommended polarized light microscopy method with dispersion staining. The laboratory results are included in Appendix A.

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Aerobiology Laboratory Associates is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP). Their NVLAP accreditation is included in Attachment B.

Conclusions: This survey has identified regulated asbestos containing materials required for removal before repairs.

Lead based paint test: RRP regulation do apply to this project since the building was constructed before 1978. See attached report for further.

ACM materials <1% are not defined as asbestos containing under AHERA regulations, but OSHA, WISHA and EPA NESHAP regulations for worker health and safety do apply.
See attachment at end of report.

Limitations: Findings and conclusions are based on the scope of services agreed to within the client's schedule and budget. Due diligence has been exercised to uncover all potential ACM associated with the identified materials. It is possible that additional asbestos materials that were not sampled remain concealed. If materials not sampled in this report will be disturbed, it should be sampled by an accredited Building Inspector and analyzed for asbestos content prior to any activity impacting the material.

Closure: The results, conclusions and recommendations present in this report were prepared following our inspection of asbestos containing materials observed at the subject property. Methods employed by Specialty Environmental Group to conduct this study are consistent with the standard of care and professionalism normally exercised by consultants in the field. To the extent that the services require subjective judgment, there can be no assurance that definitive or desired results have been obtained or that they will be usable. The services have included the application of subjective judgment to technical principles to the extent the results of this work are subject to human error.

It is agreed that Specialty Environmental Group has assumed responsibility only for performing this inspection and presenting this report and conclusions to the Client.

The Client acknowledges that Specialty Environmental Group has been retained for the sole purpose of assisting the Client in identifying asbestos containing materials, associated with the subject site structure. Specialty Environmental Group is not acting as an Agent for the Client, or any other user or entity, for work associated with any asbestos containing materials. Specialty Environmental Group does not act or have authority to act for or in place of the Client or their successors or assigns. Specialty Environmental Group does not represent the Client nor does it authorize or allow any construction, renovation, remodeling, maintenance, repair, or demolition work by performing this inspection.

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This report was prepared for the exclusive use of Aesus Design Group.
If we can be of further assistance, please contact our office at (509) 535-1515.

Surveyed by,

Cole Speer
Asbestos Building Inspector
Certification Number: BIR20231116-01
Expiration Date 11/16/2024
Lead RRP
Certification number: R-I-9038WA-19-00202
Expiration Date: 7/18/2024

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REGULATED ASBESTOS CONTAINING MATERIALS

SAMPLE #	MATERIAL	LOCATION	FRIABLE	TYPE	CONDITION	DISTURBED	ASBESTOS %	QUANITY
4815-06, 07	Silver and white duct sealant	Corners of HVAC ducting in AHU 20 mechanical room	No	M	Fair	No	5%	25 lin. ft.
4815-23, 24	Silver and white duct sealant	Corners of HVAC ducting in AHU 18 mechanical room	No	M	Fair	No	5%	25 lin. ft.
4815-40, 41	Off white interior HVAC sealant	Seams inside air handler where top and sides come together	No	M	Fair	No	4%	50 lin. ft.
4815-42, 43, 80, 81	Yellow duct sealant	Multiple HVAC seams in B113, AHU 20 plenum area, and hallways	No	M	Fair	No	2%	200-250 lin. ft.
4815-51, 52	Mastic	Flooring throughout B262 chase	No	M	Fair	No	5%	80 sq. ft.

T= TSI M= MISCELLANOUS S= SURFACING PACM= Presumed Asbestos Containing Material

Condition F= Flaking B= Blistering C= Crumbling W= water damage FI= Fire damage S= Smoke Damage

ND= Non-detect

***All ACM quantities are approximate. Before starting abatement work, the abatement contractor**

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Material for samples 42, 43, 80, 81

Material for samples 42, 43, 80, 81

Samples 06, 07, 23, 24

Samples 40, 41

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HOMOGENOUS/SUSPECT MATERIALS

SAMPLE #	MATERIAL	LOCATION	FRIABLE	TYPE	DISTURBED	CONDITION	ASBESTOS %
4815-01, 02	GWB, joint compound	Walls throughout AHU 20 mechanical room (less than 1,000 sq. ft. impacted)	No	M	No	Fair	GWB-ND Joint comp.-ND
4815-01, 02, 03	Surface coating	Walls throughout AHU 20 mechanical room (less than 1,000 sq. ft. impacted)	Yes	S	No	Fair	ND
4815-04, 05	Brick red caulking	Seen on many wall penetrations in AHU mechanical rooms 18 and 20	No	M	No	Fair	ND
4815-06, 07	Silver colored and white duct sealant	Corners of HVAC ducting in AHU 20 mechanical room	No	M	No	Fair	Silver sealant-<1% White sealant-5%
4815-08, 09	Red wall sealant	Wall penetrations in AHU 20 mechanical room	No	M	No	Fair	ND
4815-10, 11, 12	TSI wrap	Several elbows on piping inside AHU 20 mechanical room	Yes	TSI	No	Fair	ND
4815-13, 14	Light gray HVAC sealant	Seams of HVAC ducting in AHU 20 mechanical room	No	M	No	Fair	ND
4815-15, 16	Black pipe wrap insulation	On a few isolated elbows of piping inside AHU 20 mechanical room	No	M	No	Fair	ND
4815-17, 18	Tan HVAC sealant	At some seams on AHU 22 on exterior portion of roof	No	M	No	Fair	ND
4815-19, 20	Black penetration mastic	Pipe penetrations on exterior portion of roof near AHU 22	No	M	No	Fair	ND
4815-21, 22	Black foam w/coating	Insulation on some portions of AHU 22 on the roof	No	M	No	Fair	ND

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HOMOGENOUS/SUSPECT MATERIALS

4815-23, 24	Silver colored and white duct sealant	Corners of HVAC ducting in AHU 18 mechanical room	No	M	No	Fair	Silver sealant-<1% White sealant-5%
4815-25, 26, 27	White pipe insulation wrap	Several joints around piping in AHU 18 mechanical room	Yes	TSI	No	Fair	ND
4815-28, 29	Gray HVAC duct sealant	Seams of HVAC ducting in AHU 18 mechanical room	No	M	No	Fair	ND
4815-30, 31	Black duct sealant	On isolated seams of HVAC ducting in AHU 18 mechanical room	No	M	No	Fair	ND
4815-32, 33	White duct seam sealant	On isolated seams of HVAC ducting in AHU 18 mechanical room	No	M	No	Fair	ND
4815-34, 35	Red sealant	Wall penetrations in B111 mechanical room	No	M	No	Fair	ND
4815-36, 37	Black door gasket	Perimeter of doors of air handler in B111	No	M	No	Fair	ND
4815-38, 39	GWB layers w/joint compound	Ceiling throughout room B111 (no texture)	No	M	No	Fair	GWB-ND Joint comp.-ND
4815-40, 41	Off white interior HVAC sealant	Seams inside air handler where top and sides come together	No	M	No	Fair	4%
4815-42, 43, 80, 81	Yellow duct sealant	Multiple HVAC seams in B113, AHU 20 plenum area and hallways	No	M	No	Fair	2%
4815-44, 45	White acoustical ceiling tile	Ceiling throughout B113 mechanical room and hallways	No	M	No	Fair	ND
4815-46, 47, 48	Plaster w/surface coating	Several walls throughout plenum of AHU 18, 20 and 22	Yes	S/M	No	Fair	Plaster-ND Surface coat-ND

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HOMOGENOUS/SUSPECT MATERIALS

4815-49, 50	White penetration mastic	Floor penetrations in B262 chase	No	M	No	Fair	ND
4815-51, 52	Tan VFT w/mastic	Flooring throughout B262 chase	No	M	No	Fair	VFT-<1% Mastic-5%
4815-53, 54, 55	Plaster w/surface coating	Portion of walls A, B, C, and D in B262 chase	Yes	S/M	No	Fair	Plaster-ND Surface coat-ND
4815-56, 57	Mortar	Portion of walls A, B, C, and D in B262 chase	No	M	No	Fair	ND
4815-58, 59, 60	Gray fireproof spray	On many portions of the ceiling in AHU 10 mechanical room	Yes	S	No	Fair	ND
4815-61, 62	White pipe wrap	On a few piping elbows in AHU 10 mechanical room	No	M	No	Fair	ND
4815-63, 64	Built up tar material	Floor of AHU 10 mechanical room	No	M	No	Fair	ND
4815-65, 66	GWB, joint compound	Walls throughout AHU 10 mechanical room (less than 1,000 sq. ft. impacted)	No	M	No	Fair	GWB-ND Joint comp.-ND
4815-65, 66, 67	Surface coating	Walls throughout AHU 10 mechanical room (less than 1,000 sq. ft. impacted)	Yes	S	No	Fair	ND
4815-68, 69	GWB, joint compound	Walls throughout B348 mechanical room (less than 1,000 sq. ft. impacted)	No	M	No	Fair	GWB-ND Joint comp.-ND
4815-68, 69, 70	Surface coating	Walls throughout B348 mechanical room (less than 1,000 sq. ft. impacted)	Yes	S	No	Fair	ND
4815-71, 72	White HVAC seam mastic	On several HVAC seams in room B355	No	M	No	Fair	ND

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HOMOGENOUS/SUSPECT MATERIALS

4815-73, 74, 75	Plaster	Upper area of walls A, B, C, and D in store storage room (Less than 1,000 sq. ft. impacted)	Yes	S	No	Fair	ND
4815-76, 77	Brick and mortar	Upper portion of wall B in kitchen area	No	M	No	Fair	Brick-ND Mortar-ND
4815-78, 79	Acoustical ceiling tile	Ceiling throughout kitchen and dining area	No	M	No	Fair	ND
4815-82, 83	Red duct sealant	Several wall penetrations throughout AHU 18 area including rm. A107	No	M	No	Fair	ND
4815-84, 85	GWB, joint compound	Upper portion of all walls in AHU 18 area	No	M	No	Fair	GWB-ND Joint comp.-ND
4815-86, 87	White duct tape	Many seams of HVAC ducting in AHU 18 area	No	M	No	Fair	ND

T= TSI M= MISCELLANOUS S= SURFACING

Condition F= Flaking B= Blistering C= Crumbling W= water damage FI= Fire damage S= Smoke Damage ND= NON-DETECT

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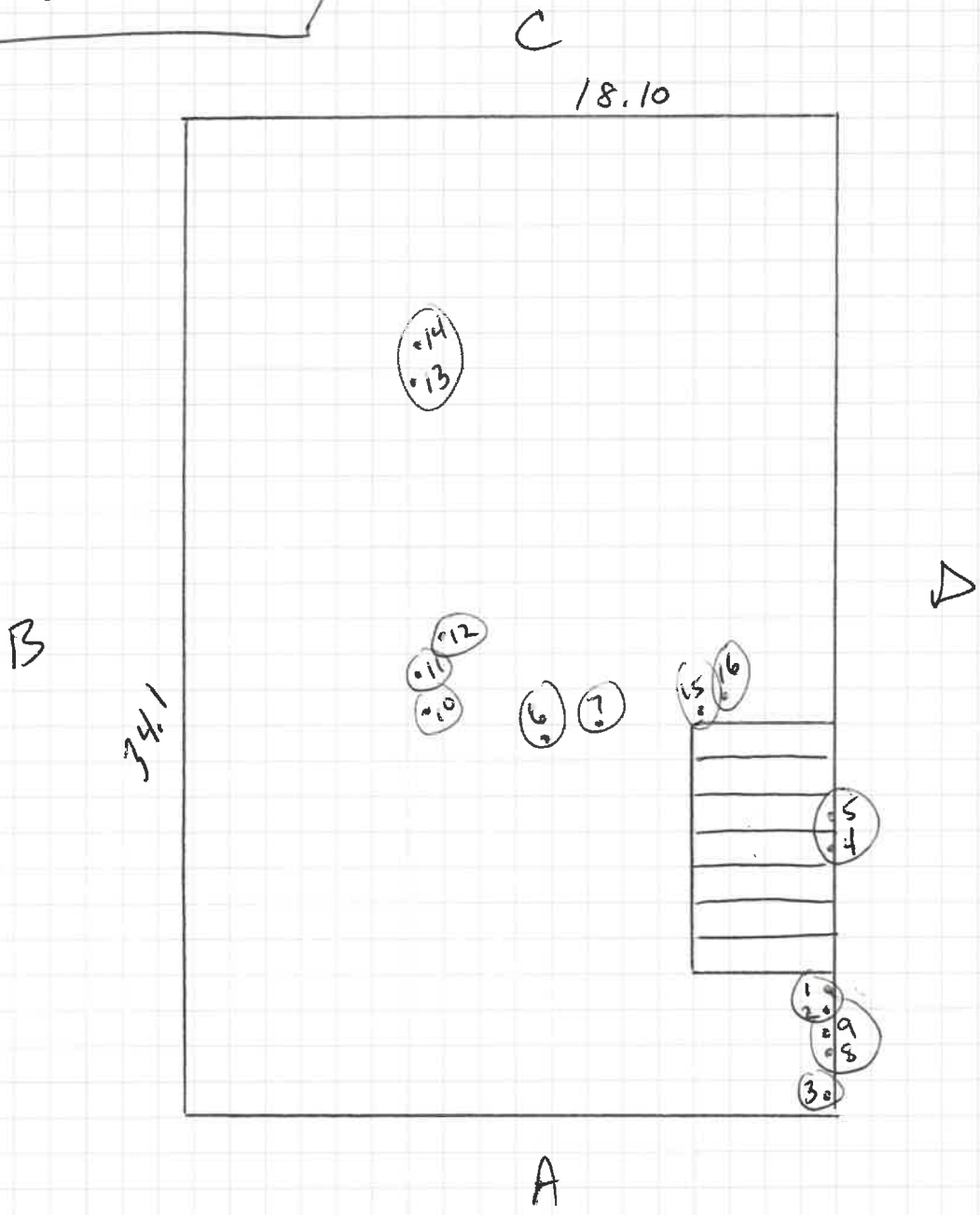
Date: Project Name & Address: Inspector:

AHU Mechanical # 20



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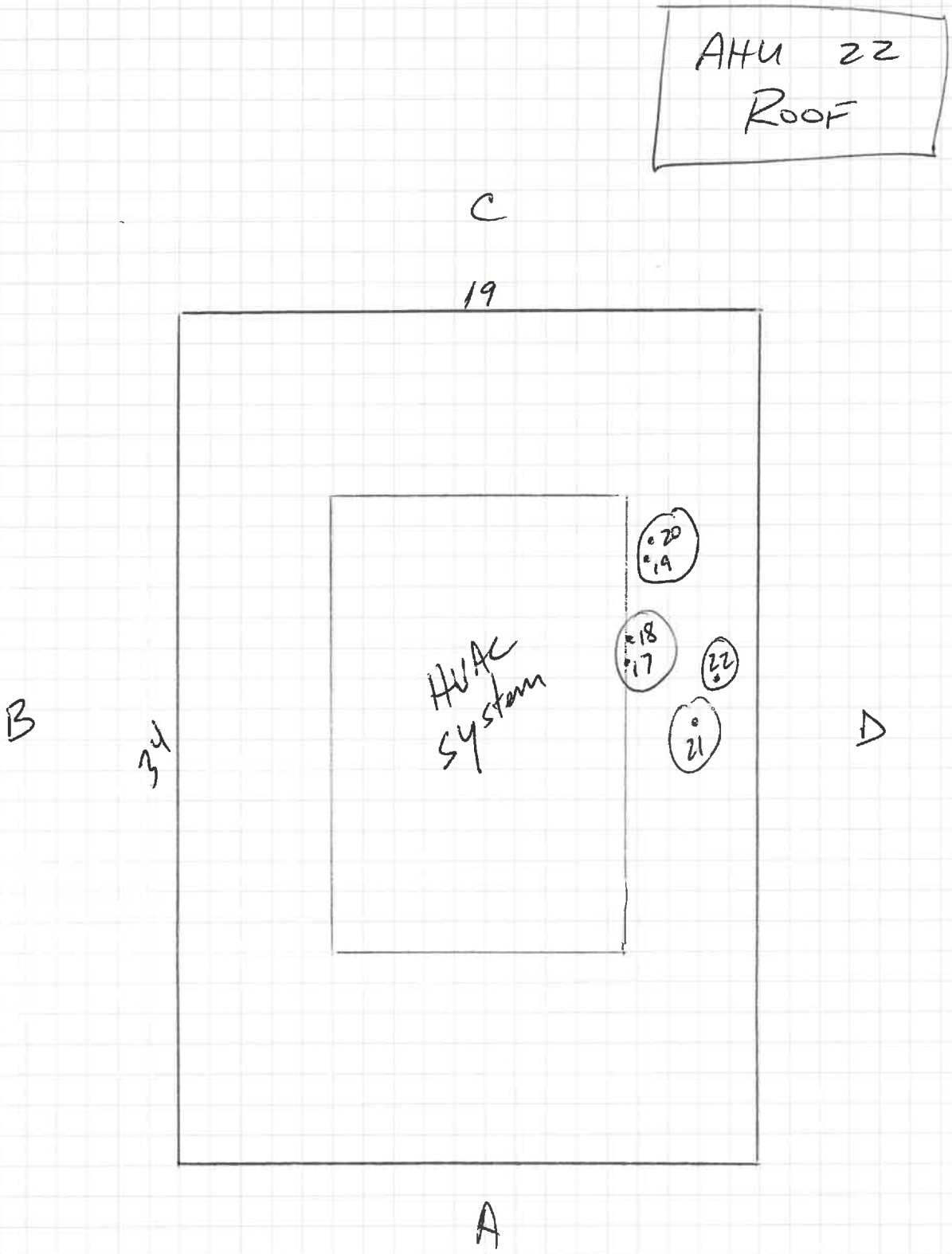
AHU 22
ROOF



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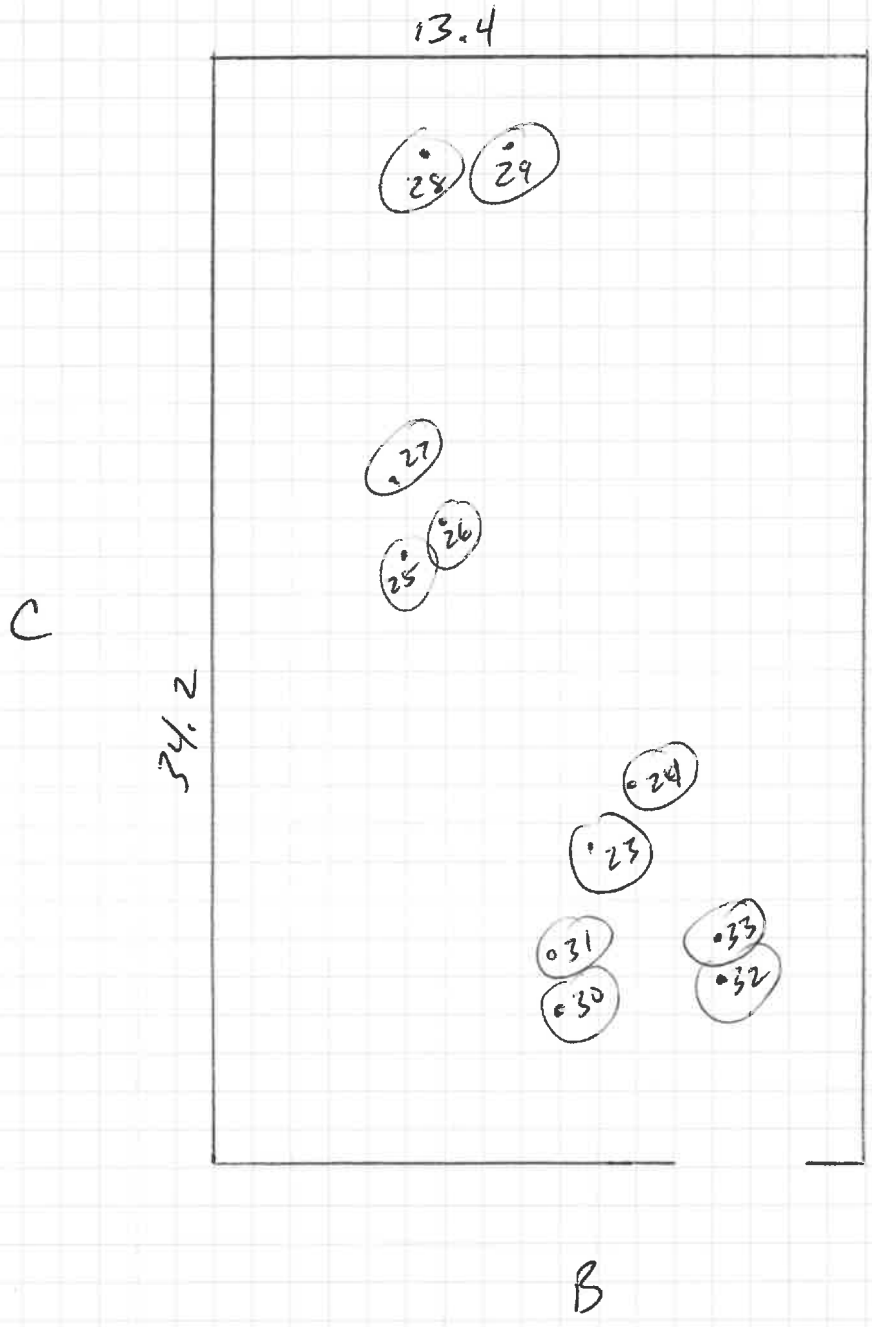
AHU 18
Mechanical



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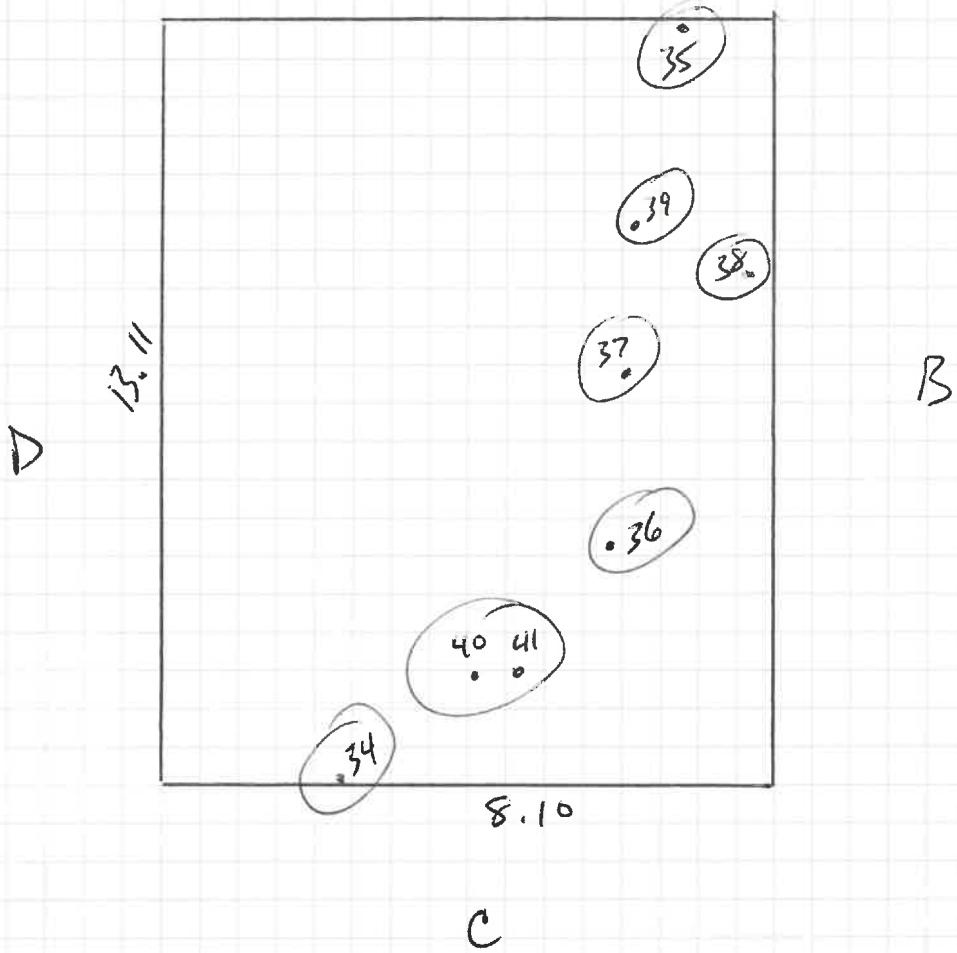
Date: Project Name & Address: Inspector:

B111
Mechanical



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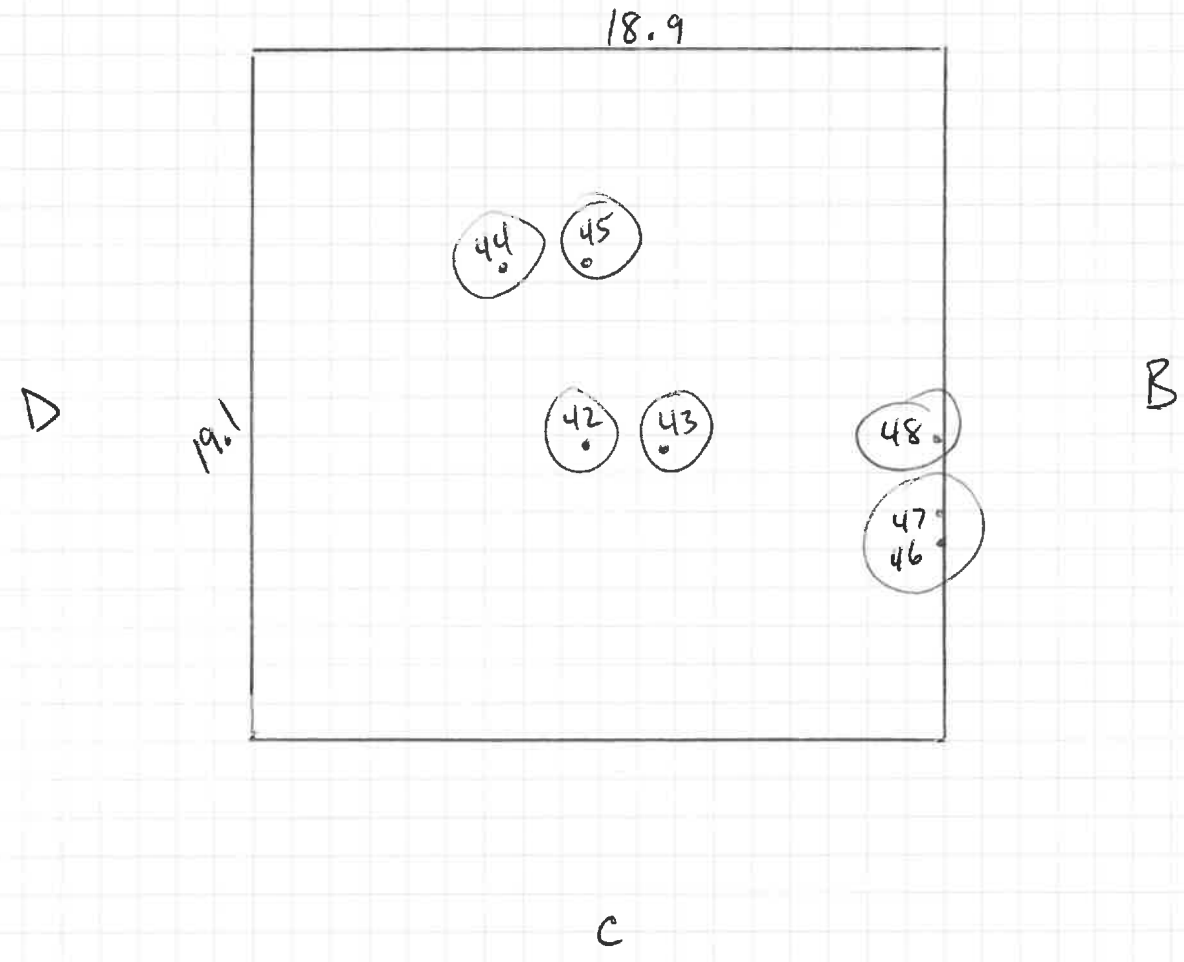
Date: Project Name & Address: Inspector:

B113
Mechanical



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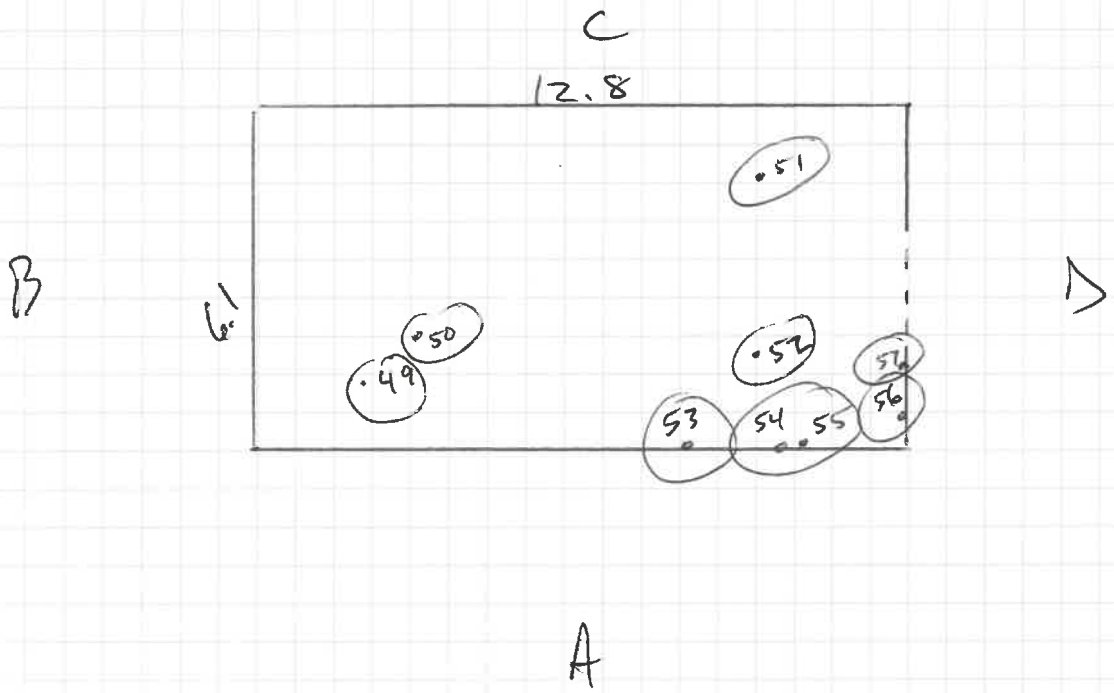
B262 CHASE



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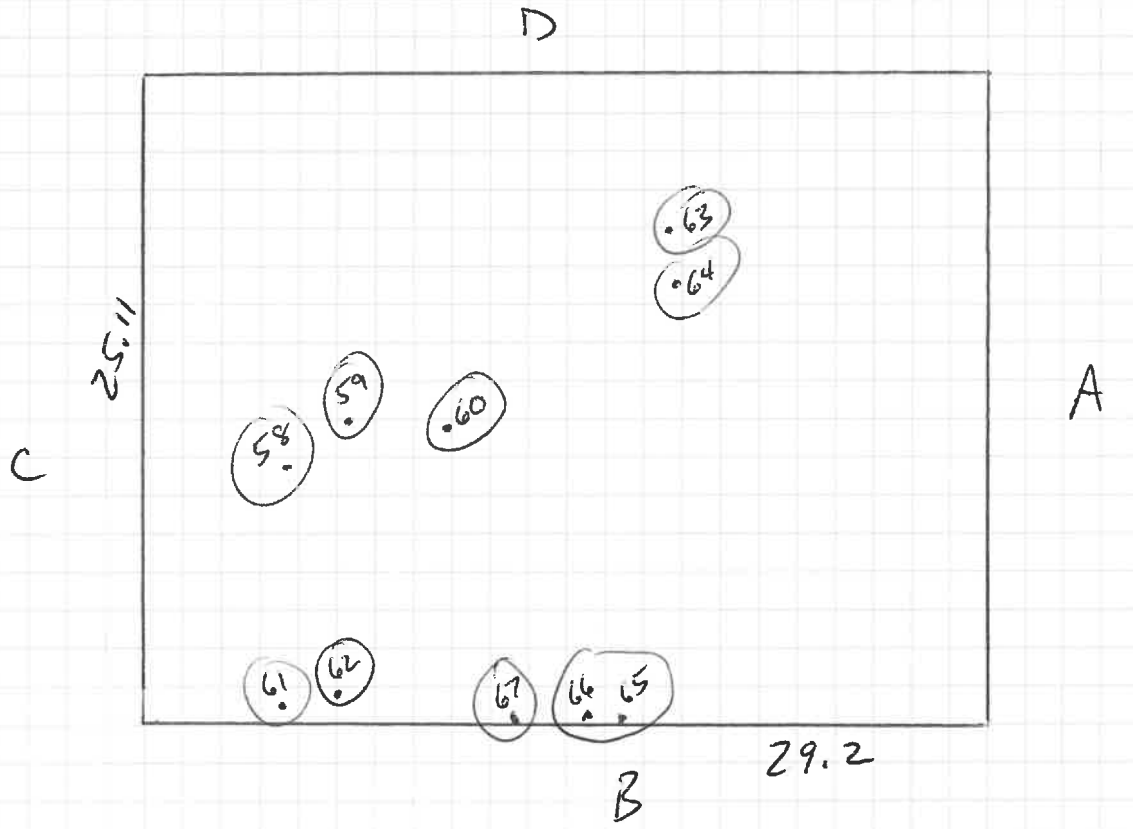
AHU 10 Mechanical Room



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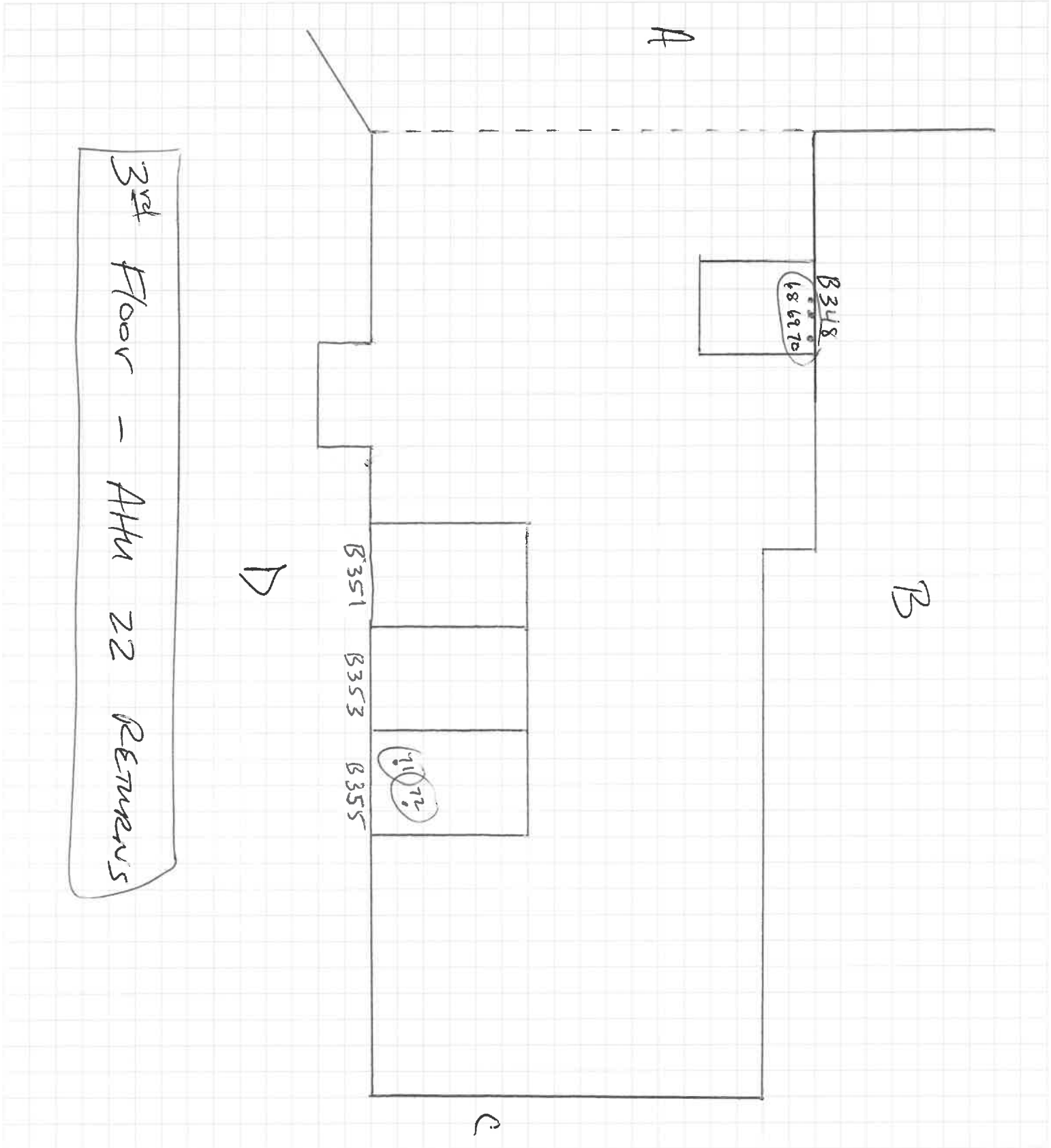

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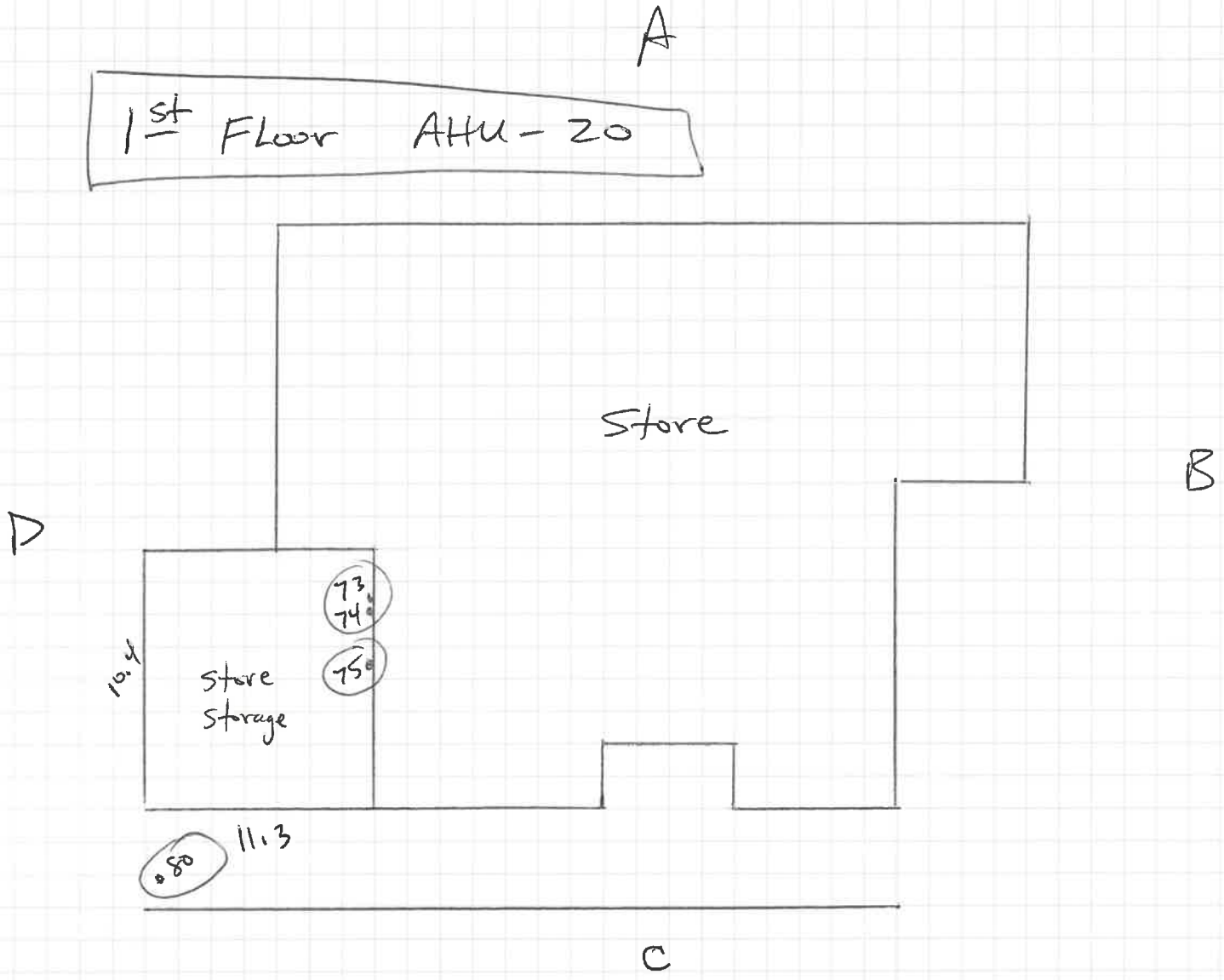
NOT TO SCALE



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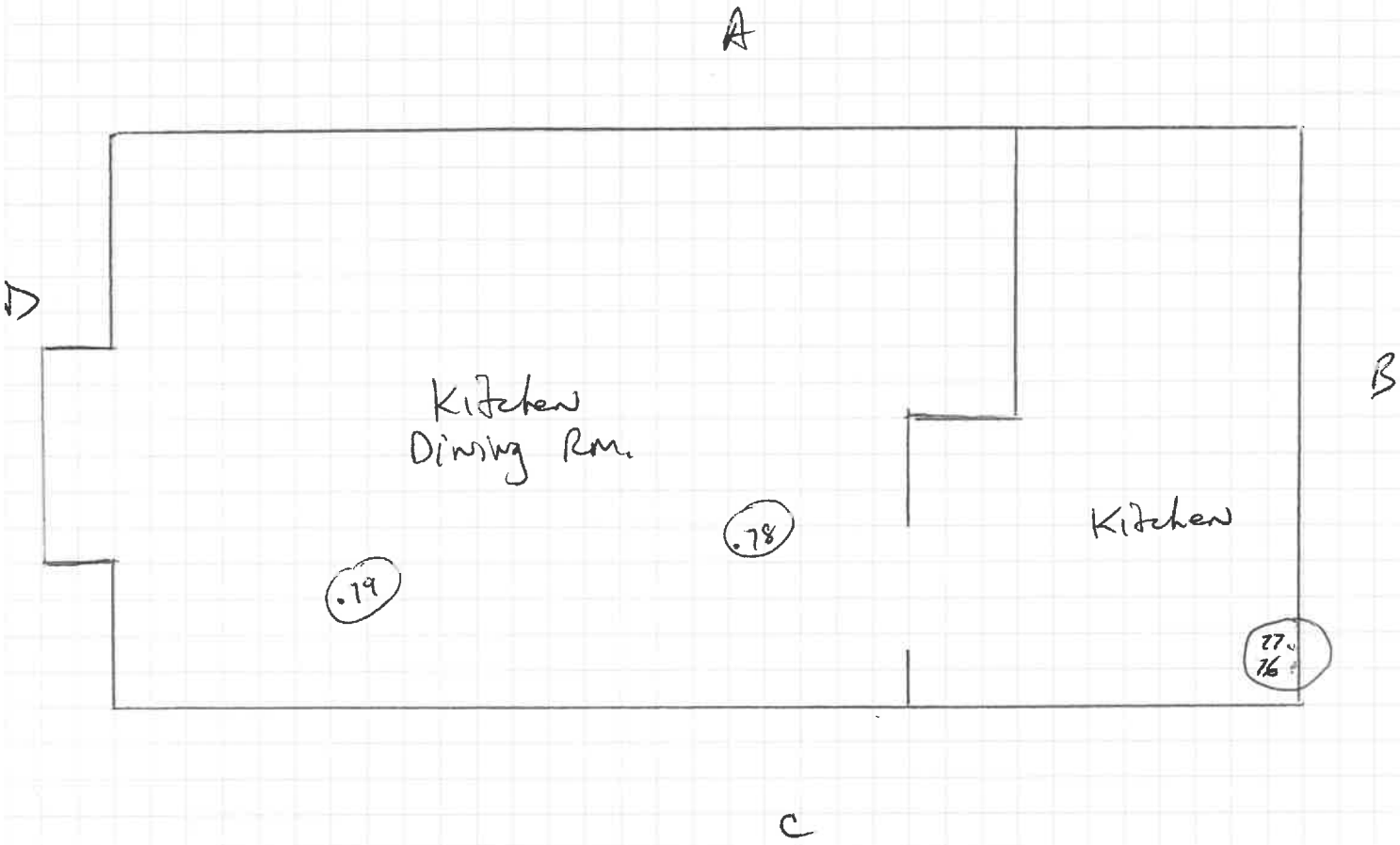
NOT TO SCALE

1st Floor - AHU-20



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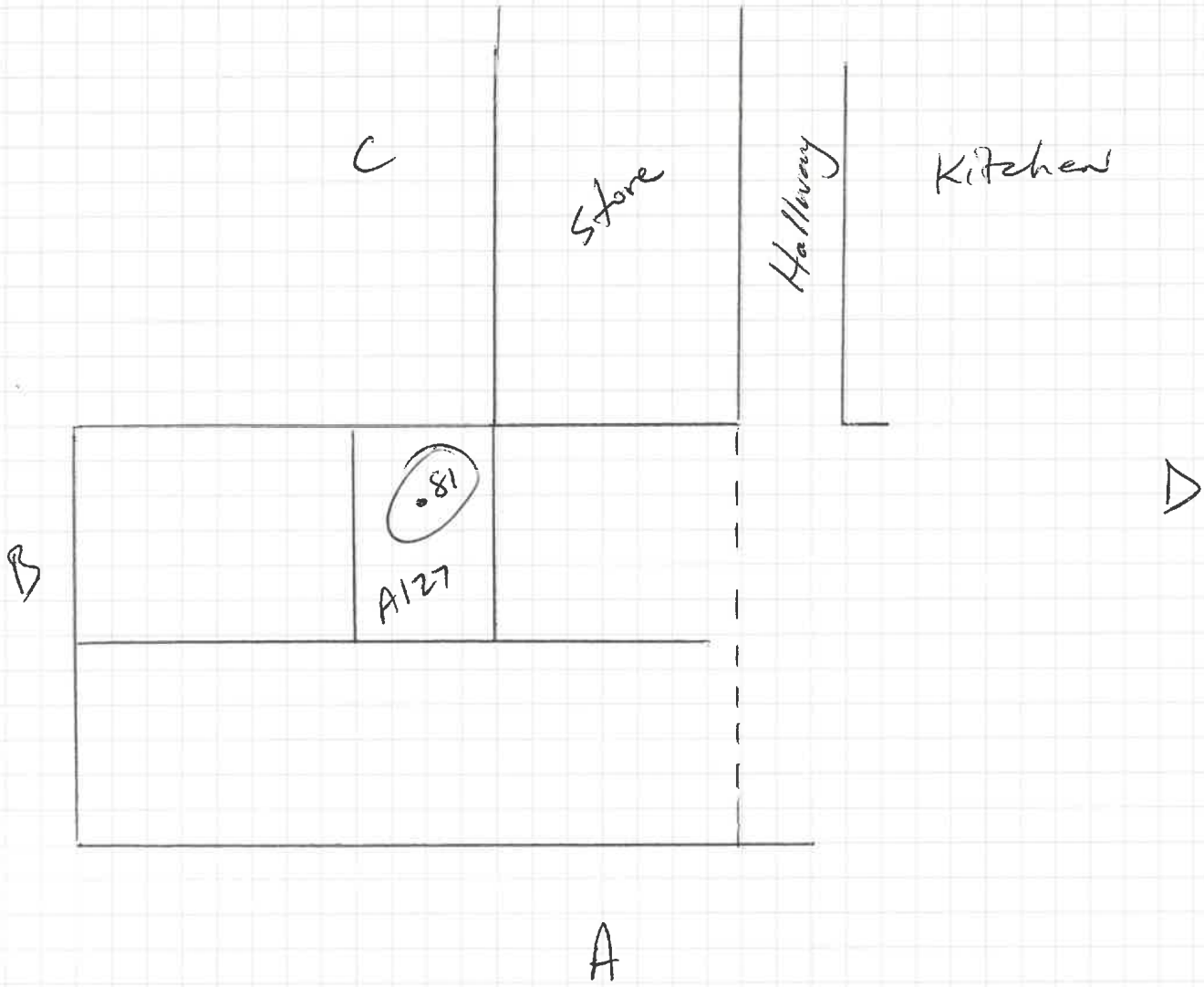
AHU-20



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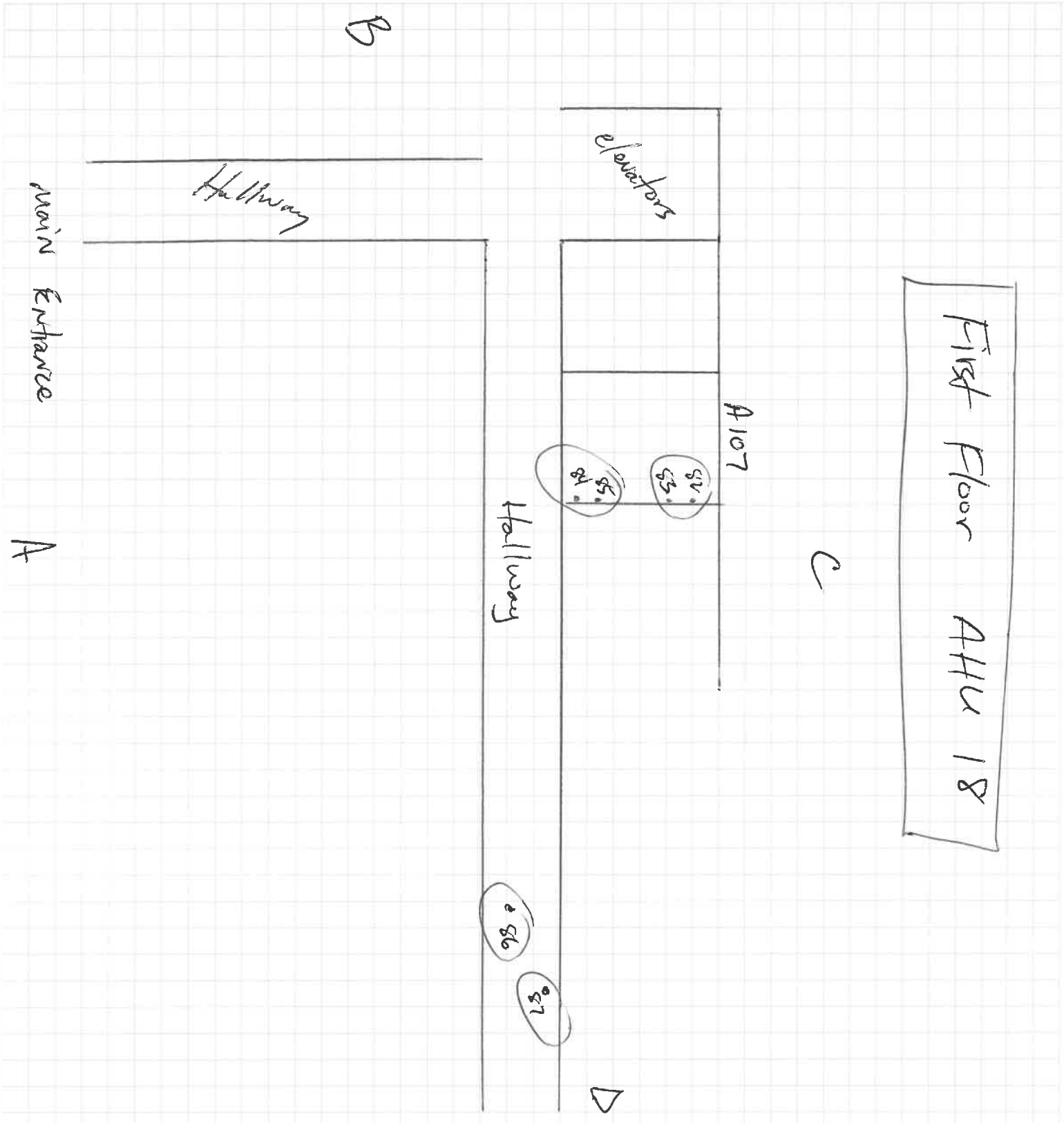

Specialty Environmental

Aerobiology Associates & Laboratory Incorporated
Expertise Since 1997

Lab Use:

24009294

ELITE
CO, GA, VA

NVLAP
NVLAP Lab Code 200860-0 (CO)
NVLAP Lab Code 200829-0 (VA)

Aerobiology Client	Specialty Environmental Group
Field Contact	Cole Speer
Address	PO Box 644
Address	Liberty Lake WA 99019
Phone/Fax	509-475-5180
Email	coles@specialtygroup.co

Collected By/Date	Cole Speer 1-11-24	Relinquished By/Date:	Cole Speer 3-18-24
Relinquished By/Date:		Received By/Date:	CO 3/19/24 940am
Sampler Type	Andersen___ SAS___	SampleAire___ AeroTrap___	Other___ BioCulture___
PO#/Job#/Project Name:	4815-CS		
	4815 N Assembly St. Spokane WA 99205		

Routine: 3days | 24 Hour | Same Day | 4 Hour | 2 Hour | 5 Day (Asbestos Only)

Notes/CC Info: Please email project confirmation. Please cc Simone.

Sample No.	Test Code	Sample Location	Total Volume/Area
4815-1	3002	Mechanical AHU 20 wall D / GWB, joint comp. surface coating	
2	3002	Mechanical AHU 20 wall D / GWB, joint comp. surface coating	
3	3002	Mechanical AHU 20 wall D / surface coating	
4	3002	Mechanical AHU 20 wall D / Brick red caulking	
5	3002	Mechanical AHU 20 wall D / Brick red caulking	
6	3002	Mechanical AHU 20 ducting / silver colored duct sealant	
7	3002	Mechanical AHU 20 ducting / silver colored duct sealant	
8	3002	Mechanical AHU 20 wall D / Red wall sealant	
9	3002	Mechanical AHU 20 wall D / Red wall sealant	
10	3002	Mechanical AHU 20 pipe / TSI wrap	
11	3002	Mechanical AHU 20 pipe / TSI wrap	
12	3002	Mechanical AHU 20 pipe / TSI wrap	
13	3002	Mechanical AHU 20 duct / Light gray HVAC sealant	
14	3002	Mechanical AHU 20 duct / Light gray HVAC sealant	

1054	Direct, Non-viable Spore Trap	1015	Culture - WATER Legionella
1051	Direct, Qualitative- **Swab/Tape**	1017	Culture - SWAB Legionella
1050	Direct, Qualitative- **Bulk**	1010	WATER - Potable - E. coli/total coliforms
1005	AIR Culture - Bacterial Count w/ ID's	1012	SWAB - E. coli/total coliforms
1030	AIR Culture - Fungal Count w/ ID's	1028	Sewage Screen (E. coli/Enterococcus/fecal coliforms)
1006	SWAB Culture - Bacterial Count w/ ID's	2056	Heterotrophic Plate Count
1031	SWAB Culture - Fungal Count w/ ID's	3001	ASBESTOS - Point count
1008	BULK Culture - Bacterial Count w/ ID's	3002	ASBESTOS - PLM Analysis
1033	BULK Culture - Fungal Count w/ ID's	3003	ASBESTOS - Particle characterization
1007	WATER Culture - Bacterial Count w/ID's	3004	ASBESTOS - PCM Analysis

Specialty Environmental
Aerobiology Laboratory Associates, Incorporated
Expertise Since 1997

Lab Use:
24009294

ELITE
CO, GA, VA

NVLAP
NVLAP Lab Code 200860-0 (CO)
NVLAP Lab Code 200829-0 (VA)

Aerobiology Client	Specialty Environmental Group
Field Contact	Cole Speer
Address	PO Box 644
Address	Liberty Lake WA 99019
Phone/Fax	509-475-5180
Email	coles@specialtygroup.co

Collected By/Date: Cole Speer 1-11-24
Relinquished By/Date: Cole Speer 3-18-24
Relinquished By/Date:
Received By/Date: CO 3/19/24 - 940am

Sampler Type: Andersen____ SAS____ SampleAire____ AeroTrap____ Other____ BioCulture____

PO#/Job#/Project Name: 4815-CS
4815 N Assembly St. Spokane WA 99205

Routine: 3days | 24 Hour | Same Day | 4 Hour | 2 Hour | 5 Day (Asbestos Only)

Notes/CC Info: Please email project confirmation. Please cc Simone.

Sample No.	Test Code	Sample Location	Total Volume/Area
4815-15	3002	Mechanical AHU 20 / Black pipe wrap insulation	
16	3002	Mechanical AHU 20 / Black pipe wrap insulation	
17	3002	AHU 22 roof / tan HVAC sealant	
18	3002	AHU 22 roof / Tan HVAC sealant	
19	3002	AHU 22 roof / Black penetration mastic	
20	3002	AHU 22 roof / Black penetration mastic	
21	3002	AHU 22 roof / Black foam w/ coating	
22	3002	AHU 22 roof / Black foam w/ coating	
23	3002	AHU 18 mechanical rm. / silver colored duct sealant	
24	3002	AHU 18 mechanical rm. / silver colored duct sealant	
25	3002	AHU 18 mechanical rm. / white pipe insulation wrap	
26	3002	AHU 18 mechanical rm. / white pipe insulation wrap	
27	3002	AHU 18 mechanical rm. / white pipe insulation wrap	
28	3002	AHU 18 mechanical rm. / gray HVAC duct sealant	

1054	Direct, Non-viable Spore Trap	1015	Culture - WATER Legionella
1051	Direct, Qualitative- **Swab/Tape**	1017	Culture - SWAB Legionella
1050	Direct, Qualitative- **Bulk**	1010	WATER - Potable - E. coli/total coliforms
1005	AIR Culture - Bacterial Count w/ ID's	1012	SWAB - E. coli/total coliforms
1030	AIR Culture - Fungal Count w/ ID's	1028	Sewage Screen (E. coli/Enterococcus/fecal coliforms)
1006	SWAB Culture - Bacterial Count w/ ID's	2056	Heterotrophic Plate Count
1031	SWAB Culture - Fungal Count w/ ID's	3001	ASBESTOS - Point count
1008	BULK Culture - Bacterial Count w/ ID's	3002	ASBESTOS - PLM Analysis
1033	BULK Culture - Fungal Count w/ ID's	3003	ASBESTOS - Particle characterization
1007	WATER Culture - Bacterial Count w/ID's	3004	ASBESTOS - PCM Analysis

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Lab Use:

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NVLAP
NVLAP Lab Code 200860-0 (CO)
NVLAP Lab Code 200829-0 (VA)

Aerobiology Client	Specialty Environmental Group
Field Contact	Cole Speer
Address	PO Box 644
Address	Liberty Lake WA 99019
Phone/Fax	509-475-5180
Email	coles@specialtygroup.co

Collected By/Date	Cole Speer 1-17-24	Relinquished By/Date:	Cole Speer 3-15-24	
Relinquished By/Date:		Received By/Date:	CO 3/19/24- 940am	
Sampler Type	Andersen___ SAS___	SampleAire___ AeroTrap___	Other___ BioCulture___	

PO#/Job#/Project Name: 4815-CS
4815 N Assembly St. Spokane WA 99205

Routine 3days | 24 Hour | Same Day | 4 Hour | 2 Hour | 5 Day (Asbestos Only)

Notes/CC Info: Please email project confirmation. Please cc Simone.

Sample No.	Test Code	Sample Location	Total Volume/Area
4815-29	3002	AHU 18 Mechanical rm. / gray HVAC duct sealant	
30	3002	AHU 18 mechanical rm. / Black duct sealant	
31	3002	AHU 18 mechanical rm. / Black duct sealant	
32	3002	AHU 18 mechanical rm. / white duct seam sealant	
33	3002	AHU 18 mechanical rm. / white duct seam sealant	
34	3002	B111 mechanical rm. / red sealant	
35	3002	B111 mechanical rm. / red sealant	
36	3002	B111 mechanical rm. / Black door gasket	
37	3002	B111 mechanical rm. / Black door gasket	
38	3002	B111 mechanical rm. / ceiling / double GWB, joint comp.	
39	3002	B111 mechanical rm. ceiling / double GWB, joint comp.	
40	3002	B111 mechanical rm / off white interior HVAC sealant	
41	3002	B111 mechanical rm. / off white interior HVAC sealant	
42	3002	B113 mechanical rm / tan duct sealant	

1054	Direct, Non-viable Spore Trap	1015	Culture - WATER Legionella
1051	Direct, Qualitative- **Swab/Tape**	1017	Culture - SWAB Legionella
1050	Direct, Qualitative- **Bulk**	1010	WATER - Potable - E. coli/total coliforms
1005	AIR Culture - Bacterial Count w/ ID's	1012	SWAB - E. coli/total coliforms
1030	AIR Culture - Fungal Count w/ ID's	1028	Sewage Screen (E. coli/Enterococcus/fecal coliforms)
1006	SWAB Culture - Bacterial Count w/ ID's	2056	Heterotrophic Plate Count
1031	SWAB Culture - Fungal Count w/ ID's	3001	ASBESTOS - Point count
1008	BULK Culture - Bacterial Count w/ ID's	3002	ASBESTOS - PLM Analysis
1033	BULK Culture - Fungal Count w/ ID's	3003	ASBESTOS - Particle characterization
1007	WATER Culture - Bacterial Count w/ID's	3004	ASBESTOS - PCM Analysis

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Aerobiology Laboratory Associates, Incorporated
Expertise Since 1997

Lab Use:
24009294

ELITE
CO, GA, VA

NVLAP
NVLAP Lab Code 200860-0 (CO)
NVLAP Lab Code 200829-0 (VA)

Aerobiology Client	Specialty Environmental Group
Field Contact	Cole Speer
Address	PO Box 644
Address	Liberty Lake WA 99019
Phone/Fax	509-475-5180
Email	coles@specialtygroup.co

Collected By/Date: Cole Speer 1-17-24
Relinquished By/Date: Cole Speer 3-18-24
Relinquished By/Date:
Received By/Date: CW 3/19/24-940am

Sampler Type: Andersen___ SAS___ SampleAire___ AeroTrap___ Other___ BioCulture___

PO#/Job#/Project Name: 4815-CS
4815 N Assembly St. Spokane WA 99205

Routine: 3days | 24 Hour | Same Day | 4 Hour | 2 Hour | 5 Day (Asbestos Only)

Notes/CC Info: Please email project confirmation. Please cc Simone.

Sample No.	Test Code	Sample Location	Total Volume/Area
4815-43	3002	B113 mechanical room / tan duct sealant	
44	3002	B113 mechanical rm / acoustical ceiling tile	
45	3002	B113 mechanical rm / acoustical ceiling tile	
46	3002	B113 mechanical rm wall B / plaster w/ surface coat	
47	3002	B113 mechanical rm wall B / plaster w/ surface coat	
48	3002	B113 mechanical rm wall B / plaster w/ surface coat	
49	3002	B262 chase / white penetration mastic	
50	3002	B262 chase / white penetration mastic	
51	3002	B262 chase / floor / tan VFT w/ mastic	
52	3002	B262 chase floor / tan VFT w/ mastic	
53	3002	B262 chase wall A / plaster w/ surface coat	
54	3002	B262 chase wall A / plaster w/ surface coat	
55	3002	B262 chase wall A / plaster w/ surface coat.	
56	3002	B262 chase wall D / mortar	

1054	Direct, Non-viable Spore Trap	1015	Culture - WATER Legionella
1051	Direct, Qualitative- **Swab/Tape**	1017	Culture - SWAB Legionella
1050	Direct, Qualitative- **Bulk**	1010	WATER - Potable - E. coli/total coliforms
1005	AIR Culture - Bacterial Count w/ ID's	1012	SWAB - E. coli/total coliforms
1030	AIR Culture - Fungal Count w/ ID's	1028	Sewage Screen (E. coli/Enterococcus/fecal coliforms)
1006	SWAB Culture - Bacterial Count w/ ID's	2056	Heterotrophic Plate Count
1031	SWAB Culture - Fungal Count w/ ID's	3001	ASBESTOS - Point count
1008	BULK Culture - Bacterial Count w/ ID's	3002	ASBESTOS - PLM Analysis
1033	BULK Culture - Fungal Count w/ ID's	3003	ASBESTOS - Particle characterization
1007	WATER Culture - Bacterial Count w/ID's	3004	ASBESTOS - PCM Analysis

Specialty Environmental
Working to Create a Safer Environment
Asbestos and Lead Paint Assessment

Aerobiology Associates Laboratory Incorporated
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Lab Use:
24009294

ELITE
CO, GA, VA

NVLAP
NVLAP Lab Code 200860-0 (CO)
NVLAP Lab Code 200829-0 (VA)

Aerobiology Client	Specialty Environmental Group
Field Contact	Cole Speer
Address	PO Box 644
Address	Liberty Lake WA 99019
Phone/Fax	509-475-5180
Email	coles@specialtygroup.co

Collected By/Date: Cole Speer 3-7-24
Relinquished By/Date:
Relinquished By/Date: Cole Speer 3-18-24
Received By/Date: CO 3/19/24 940am

Sampler Type: Andersen____ SAS____ SampleAire____ AeroTrap____ Other____ BioCulture____

PO#/Job#/Project Name: 4815-CS
4815 N Assembly St. Spokane WA 99205

Routine: 3days | 24 Hour | Same Day | 4 Hour | 2 Hour | 5 Day (Asbestos Only)

Notes/CC Info: Please email project confirmation. Please cc Simone.

Sample No.	Test Code	Sample Location	Total Volume/Area
4815-57	3002	B262 chase wall D / Mortar	
58	3002	AHU 10 mechanical rm. / gray fireproof spray	
59	3002	AHU 10 mechanical rm./ gray fireproof spray	
60	3002	AHU 10 mechanical rm / gray fireproof spray	
61	3002	AHU 10 mechanical rm / white pipe wrap	
62	3002	AHU 10 mechanical rm / white pipe wrap	
63	3002	AHU 10 mechanical rm floor / Built up tar material	
64	3002	AHU 10 mechanical rm floor / Built up tar material	
65	3002	AHU 10 Mechanical wall B / GWB, joint comp., surface coat	
66	3002	AHU 10 mechanical wall B / GWB, joint comp., surface coat	
67	3002	AHU 10 mechanical wall B / surface coating	
68	3002	B348 wall B / GWB, joint compound, surface coat	
69	3002	B348 wall B / GWB, joint compound, surface coat	
70	3002	B348 wall B / surface coating	

1054	Direct, Non-viable Spore Trap	1015	Culture - WATER Legionella
1051	Direct, Qualitative- **Swab/Tape**	1017	Culture - SWAB Legionella
1050	Direct, Qualitative- **Bulk**	1010	WATER - Potable - E. coli/total coliforms
1005	AIR Culture - Bacterial Count w/ ID's	1012	SWAB - E. coli/total coliforms
1030	AIR Culture - Fungal Count w/ ID's	1028	Sewage Screen (E. coli/Enterococcus/fecal coliforms)
1006	SWAB Culture - Bacterial Count w/ ID's	2056	Heterotrophic Plate Count
1031	SWAB Culture - Fungal Count w/ ID's	3001	ASBESTOS - Point count
1008	BULK Culture - Bacterial Count w/ ID's	3002	ASBESTOS - PLM Analysis
1033	BULK Culture - Fungal Count w/ ID's	3003	ASBESTOS - Particle characterization
1007	WATER Culture - Bacterial Count w/ID's	3004	ASBESTOS - PCM Analysis

Specialty Environmental

Aerobiology Associates Laboratory Incorporated
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Lab Use:
24009294

CO, GA, VA

NVLAP Lab Code 200860-0 (CO)
NVLAP Lab Code 200829-0 (VA)

Aerobiology Client	Specialty Environmental Group
Field Contact	Cole Speer
Address	PO Box 644
Address	Liberty Lake WA 99019
Phone/Fax	509-475-5180
Email	coles@specialtygroup.co

Collected By/Date: Cole Speer 3-7-24
Relinquished By/Date:
Relinquished By/Date: Cole Speer 5-15-24
Received By/Date: CO 3/19/24 940am

Sampler Type: Andersen____ SAS____ SampleAire____ AeroTrap____ Other____ BioCulture____

PO#/Job#/Project Name: 4815-CS
4815 N Assembly St. Spokane WA 99205

Routine: 3days | 24 Hour | Same Day | 4 Hour | 2 Hour | 5 Day (Asbestos Only)

Notes/CC Info: Please email project confirmation. Please cc Simone.

Sample No.	Test Code	Sample Location	Total Volume/Area
4815-71	3002	B355 / white HVAC seam mastic	
72	3002	B355 / white HVAC seam mastic	
73	3002	B114 store storage wall B / plaster	
74	3002	B114 store storage wall B / plaster	
75	3002	B114 store storage wall B / plaster	
76	3002	Kitchen wall B / Brick and mortar	
77	3002	Kitchen wall B / Brick and mortar	
78	3002	Kitchen ceiling / acoustical tile	
79	3002	Kitchen ceiling / acoustical tile	
80	3002	AHU 20 hallway / yellow duct sealant	
81	3002	AHU 18 A127 / yellow duct sealant	
82	3002	AHU 18 A107 / Red duct sealant	
83	3002	AHU 18 A107 / Red duct sealant	
84	3002	AHU 18 A107 D / GWB, joint compound	

1054	Direct, Non-viable Spore Trap	1015	Culture - WATER Legionella
1051	Direct, Qualitative- **Swab/Tape**	1017	Culture - SWAB Legionella
1050	Direct, Qualitative- **Bulk**	1010	WATER - Potable - E. coli/total coliforms
1005	AIR Culture - Bacterial Count w/ ID's	1012	SWAB - E. coli/total coliforms
1030	AIR Culture - Fungal Count w/ ID's	1028	Sewage Screen (E. coli/Enterococcus/fecal coliforms)
1006	SWAB Culture - Bacterial Count w/ ID's	2056	Heterotrophic Plate Count
1031	SWAB Culture - Fungal Count w/ ID's	3001	ASBESTOS - Point count
1008	BULK Culture - Bacterial Count w/ ID's	3002	ASBESTOS - PLM Analysis
1033	BULK Culture - Fungal Count w/ ID's	3003	ASBESTOS - Particle characterization
1007	WATER Culture - Bacterial Count w/ID's	3004	ASBESTOS - PCM Analysis

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Lab Use:
24009294

ELITE
CO, GA, VA

NVLAP
NVLAP Lab Code 200860-0 (CO)
NVLAP Lab Code 200829-0 (VA)

Aerobiology Client	Specialty Environmental Group
Field Contact	Cole Speer
Address	PO Box 644
Address	Liberty Lake WA 99019
Phone/Fax	509-475-5180
Email	coles@specialtygroup.co

Collected By/Date: Cole Speer 3-7-24
Relinquished By/Date:
Relinquished By/Date: Cole Speer 3-18-24
Received By/Date: CO 3/19/24 - 940am

Sampler Type	Andersen___	SampleAire___	Other___
	SAS___	AeroTrap___	BioCulture___

PO#/Job#/Project Name: 4815-CS
4815 N Assembly St. Spokane WA 99205

Routine: 3days | 24 Hour | Same Day | 4 Hour | 2 Hour | 5 Day (Asbestos Only)

Notes/CC Info: Please email project confirmation. Please cc Simone.

Sample No.	Test Code	Sample Location	Total Volume/Area
4815-85	3002	AHU 18 A107 wall D / GWB, joint compound	
86	3002	AHU 18 hallway / white duct tape	
87	3002	AHU 18 hallway / white duct tape	
88	3002		
89	3002		
90	3002		

1054	Direct, Non-viable Spore Trap	1015	Culture - WATER Legionella
1051	Direct, Qualitative- **Swab/Tape**	1017	Culture - SWAB Legionella
1050	Direct, Qualitative- **Bulk**	1010	WATER - Potable - E. coli/total coliforms
1005	AIR Culture - Bacterial Count w/ ID's	1012	SWAB - E. coli/total coliforms
1030	AIR Culture - Fungal Count w/ ID's	1028	Sewage Screen (E. coli/Enterococcus/fecal coliforms)
1006	SWAB Culture - Bacterial Count w/ ID's	2056	Heterotrophic Plate Count
1031	SWAB Culture - Fungal Count w/ ID's	3001	ASBESTOS - Point count
1008	BULK Culture - Bacterial Count w/ ID's	3002	ASBESTOS - PLM Analysis
1033	BULK Culture - Fungal Count w/ ID's	3003	ASBESTOS - Particle characterization
1007	WATER Culture - Bacterial Count w/ID's	3004	ASBESTOS - PCM Analysis

AEROBIOLOGY LABORATORY ASSOCIATES, INCORPORATED
Expertise Since 1997

15061 Springdale St.
Suite 111
Huntington Beach, CA 92649
(714) 895-8401
www.aerobiology.net

Certificate of Analysis

NVLAP Lab Code 201076-0

Client Name	Specialty Environmental Group	Date Collected:	03/07/24
Street address	PO BOX 644	Date Received:	03/19/24
City, State ZIP	LIBERTY LAKE, Washington 99019	Date Analyzed:	03/19/24
Attn:	Cole Speer	Date Reported:	03/20/24
Client Project Name:	4815-CS / 4815 N Assembly St. Spokane WA 99205	Project ID:	24009294

Test Requested: **3002, Asbestos in Bulk Samples**
Method: Polarized Light Microscopy (PLM) **EPA 600/R-93/116.** Method for the Determination of Asbestos in Bulk Building Materials.
40 CFR, Part 763, Appendix E to Subpart E. Interim Method for the Determination of Asbestos in Bulk Insulation Samples.

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Non-Asbestos Fibers Percentage	Non-Fibrous Percentage	Matrix Material
Client	Lab Sample Number							
4815-1 / Mechanical AHU 20 Wall D	24009294-001-1	Cream Texture Surface Coating	Y	10	ND		100	C
	24009294-001-2	White Joint Compound	Y	20	ND		100	C
	24009294-001-3	White Gypsum Wallboard	Y	70	ND	5 CELL	95	G
4815-2 / Mechanical AHU 20 Wall D	24009294-002-1	Cream Texture Surface Coating	Y	10	ND		100	C
	24009294-002-2	White Joint Compound	Y	20	ND		100	C
	24009294-002-3	White Gypsum Wallboard	Y	70	ND	5 CELL	95	G
4815-3 / Mechanical AHU 20 Wall D	24009294-003-1	Cream Texture Surface Coating	Y	10	ND		100	C
	24009294-003-2	White Joint Compound	Y	20	ND		100	C
	24009294-003-3	White Gypsum Wallboard	Y	70	ND	5 CELL	95	G
4815-4 / Mechanical AHU 20 Wall D	24009294-004	Red Brick Caulking	Y	100	ND	8 SYN	92	B, Other

Sandar Hein
Asbestos Analyst

Miguel Ines
Asbestos Laboratory Supervisor

AMOS	Amosite	CELL	Cellulose	Q	Quartz
ACTN	Actinolite	MW	Mineral Wool	C	Carbonates
ANTH	Anthophyllite	FBG	Fiberglass	G	Gypsum
CHRY	Chrysotile	SYN	Synthetic	M	Mica
CROC	Crocidolite	WO	Wollastonite	T	Tar
TREM	Tremolite	FT	Fibrous Talc	P	Perlite
<1%	Less Than 1%	AH	Animal Hair	B	Binder
ND	None Detected	NAC	Non-Asbestiform AC	D	Diatoms
		NTR	Non-Asbestiform TR		

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Certificate of Analysis

Client Name	Specialty Environmental Group		Date Collected: 03/07/24
Street address	PO BOX 644	NVLAP TESTING	Date Received: 03/19/24
City, State ZIP	LIBERTY LAKE, Washington 99019	NVLAP Lab Code 201076-0	Date Analyzed: 03/19/24
Attn:	Cole Speer		Date Reported: 03/20/24
Client Project Name:	4815-CS / 4815 N Assembly St. Spokane WA 99205		Project ID: 24009294

Test Requested: **3002, Asbestos in Bulk Samples**
Method: Polarized Light Microscopy (PLM)

EPA 600/R-93/116. Method for the Determination of Asbestos in Bulk Building Materials.
40 CFR, Part 763, Appendix E to Subpart E, Interim Method for the Determination of Asbestos in Bulk Insulation Samples.

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Non-Asbestos Fibers Percentage	Non-Fibrous Percentage	Matrix Material
Client	Lab Sample Number							
4815-5 / Mechanical AHU 20 Wall D	24009294-005	Red Brick Caulking	Y	100	ND	8 SYN	92	B, Other
4815-6 / Mechanical AHU 20 Ducting	24009294-006-1	Silver Coating	Y	20	CHRY <1%		100	B
	24009294-006-2	White Duct Sealant	Y	80	CHRY 5%		95	B
4815-7 / Mechanical AHU 20 Ducting	24009294-007-1	Silver Coating	Y	20	CHRY <1%		100	B
	24009294-007-2	White Duct Sealant	Y	80	CHRY 5%		95	B
4815-8 / Mechanical AHU 20 Wall D	24009294-008	Red Wall Sealant	Y	100	ND	10 FBG	90	B, Other
4815-9 / Mechanical AHU 20 Wall D	24009294-009	Red Wall Sealant	Y	100	ND	10 FBG	90	B, Other
4815-10 / Mechanical AHU 20 Pipe	24009294-010	White TSI Wrap with Coating	Y	100	ND	5 WO, 75 FBG	20	B, Other
4815-11 / Mechanical AHU 20 Pipe	24009294-011	White TSI Wrap with Coating	Y	100	ND	5 WO, 75 FBG	20	B, Other
4815-12 / Mechanical AHU 20 Pipe	24009294-012	White TSI Wrap with Coating	Y	100	ND	5 WO, 75 FBG	20	B, Other

Sandar Hein
Sandar Hein
Asbestos Analyst

Miguel Ines
Miguel Ines
Asbestos Laboratory Supervisor

AMOS	Amosite	CELL	Cellulose	Q	Quartz
ACTN	Actinolite	MW	Mineral Wool	C	Carbonates
ANTH	Anthophyllite	FBG	Fiberglass	G	Gypsum
CHRY	Chrysotile	SYN	Synthetic	M	Mica
CROC	Crocidolite	WO	Wollastonite	T	Tar
TREM	Tremolite	FT	Fibrous Talc	P	Perlite
<1%	Less Than 1%	AH	Animal Hair	B	Binder
ND	None Detected	NAC	Non-Asbestiform AC	D	Diatoms
		NTR	Non-Asbestiform TR		

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Huntington Beach, CA 92649
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Certificate of Analysis

Client Name	Specialty Environmental Group
Street address	PO BOX 644
City, State ZIP	LIBERTY LAKE, Washington 99019
Attn:	Cole Speer
Client Project Name:	4815-CS / 4815 N Assembly St. Spokane WA 99205

NVLAP Lab Code 201076-0

Date Collected:	03/07/24
Date Received:	03/19/24
Date Analyzed:	03/19/24
Date Reported:	03/20/24
Project ID:	24009294

Test Requested: **3002, Asbestos in Bulk Samples**
Method: Polarized Light Microscopy (PLM)

EPA 600/R-93/116. Method for the Determination of Asbestos in Bulk Building Materials.
40 CFR, Part 763, Appendix E to Subpart E, Interim Method for the Determination of Asbestos in Bulk Insulation Samples.

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Non-Asbestos Fibers Percentage	Non-Fibrous Percentage	Matrix Material
Client	Lab Sample Number							
4815-13 / Mechanical AHU 20 Duct	24009294-013	Light Gray HVAC Sealant	Y	100	ND		100	B
4815-14 / Mechanical AHU 20 Duct	24009294-014	Light Gray HVAC Sealant	Y	100	ND		100	B
4815-15 / Mechanical AHU 20	24009294-015	Black Pipe Wrap Insulation	Y	100	ND	7 CELL	93	B, T
4815-16 / Mechanical AHU 20	24009294-016	Black Pipe Wrap Insulation	Y	100	ND	7 CELL	93	B, T
4815-17 / AHU 22 Roof	24009294-017	Light Gray HVAC Sealant	Y	100	ND		100	B
4815-18 / AHU 22 Roof	24009294-018	Light Gray HVAC Sealant	Y	100	ND		100	B
4815-19 / AHU 22 Roof	24009294-019	Black Penetration Matic	Y	100	ND		100	B
4815-20 / AHU 22 Roof	24009294-020	Black Penetration Matic	Y	100	ND		100	B
4815-21 / AHU 22 Roof	24009294-021	Black Foam with White Coating	Y	100	ND		100	B, Other
4815-22 / AHU 22 Roof	24009294-022	Black Foam with White Coating	Y	100	ND		100	B, Other

Sandar Hein
Asbestos Analyst

Miguel Ines
Asbestos Laboratory Supervisor

AMOS	Amosite	CELL	Cellulose	Q	Quartz
ACTN	Actinolite	MW	Mineral Wool	C	Carbonates
ANTH	Anthophyllite	FBG	Fiberglass	G	Gypsum
CHRY	Chrysotile	SYN	Synthetic	M	Mica
CROC	Crocidolite	WO	Wollastonite	T	Tar
TREM	Tremolite	FT	Fibrous Talc	P	Perlite
<1%	Less Than 1%	AH	Animal Hair	B	Binder
ND	None Detected	NAC	Non-Asbestiform AC	D	Diatoms
		NTR	Non-Asbestiform TR		

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Huntington Beach, CA 92649
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Certificate of Analysis

Client Name	Specialty Environmental Group
Street address	PO BOX 644
City, State ZIP	LIBERTY LAKE, Washington 99019
Attn:	Cole Speer
Client Project Name:	4815-CS / 4815 N Assembly St. Spokane WA 99205

NVLAP Lab Code 201076-0

Date Collected:	03/07/24
Date Received:	03/19/24
Date Analyzed:	03/19/24
Date Reported:	03/20/24
Project ID:	24009294

Test Requested: **3002, Asbestos in Bulk Samples**
Method: Polarized Light Microscopy (PLM)

EPA 600/R-93/116. Method for the Determination of Asbestos in Bulk Building Materials.
40 CFR, Part 763, Appendix E to Subpart E, Interim Method for the Determination of Asbestos in Bulk Insulation Samples.

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Non-Asbestos Fibers Percentage	Non-Fibrous Percentage	Matrix Material
Client	Lab Sample Number							
4815-23 / AHU 18 Mechanical Rm.	24009294-023-1	Silver Coating	Y	20	CHRY <1%		100	B
	24009294-023-2	White Duct Sealant	Y	80	CHRY 5%		95	B
4815-24 / AHU 18 Mechanical Rm.	24009294-024-1	Silver Coating	Y	20	CHRY <1%		100	B
	24009294-024-2	White Duct Sealant	Y	80	CHRY 5%		95	B
4815-25 / AHU 18 Mechanical Rm.	24009294-025	White TSI Wrap with Coating	Y	100	ND	80 FBG	20	B, Other
4815-26 / AHU 18 Mechanical Rm.	24009294-026	White TSI Wrap with Coating	Y	100	ND	80 FBG	20	B, Other
4815-27 / AHU 18 Mechanical Rm.	24009294-027	White TSI Wrap with Coating	Y	100	ND	80 FBG	20	B, Other
4815-28 / AHU 18 Mechanical Rm.	24009294-028	Dark Gray HVAC Duct Sealant	Y	100	ND	2 CELL	98	B
4815-29 / AHU 18 Mechanical Rm.	24009294-029	Dark Gray HVAC Duct Sealant	Y	100	ND	2 CELL	98	B
4815-30 / AHU 18 Mechanical Rm.	24009294-030	Black Duct Sealant with Wrap	Y	100	ND	5 FBG, 25 CELL	70	B, Other

Sandar Hein
Asbestos Analyst

Miguel Ines
Asbestos Laboratory Supervisor

AMOS	Amosite	CELL	Cellulose	Q	Quartz
ACTN	Actinolite	MW	Mineral Wool	C	Carbonates
ANTH	Anthophyllite	FBG	Fiberglass	G	Gypsum
CHRY	Chrysotile	SYN	Synthetic	M	Mica
CROC	Crocidolite	WO	Wollastonite	T	Tar
TREM	Tremolite	FT	Fibrous Talc	P	Perlite
<1%	Less Than 1%	AH	Animal Hair	B	Binder
ND	None Detected	NAC	Non-Asbestiform AC	D	Diatoms
		NTR	Non-Asbestiform TR		

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Client Name	Specialty Environmental Group
Street address	PO BOX 644
City, State ZIP	LIBERTY LAKE, Washington 99019
Attn:	Cole Speer
Client Project Name:	4815-CS / 4815 N Assembly St. Spokane WA 99205

NVLAP Lab Code 201076-0

Date Collected:	03/07/24
Date Received:	03/19/24
Date Analyzed:	03/19/24
Date Reported:	03/20/24
Project ID:	24009294

Test Requested: **3002, Asbestos in Bulk Samples**
Method: Polarized Light Microscopy (PLM)

EPA 600/R-93/116. Method for the Determination of Asbestos in Bulk Building Materials.
40 CFR, Part 763, Appendix E to Subpart E, Interim Method for the Determination of Asbestos in Bulk Insulation Samples.

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Non-Asbestos Fibers Percentage	Non-Fibrous Percentage	Matrix Material
Client	Lab Sample Number							
4815-31 / AHU 18 Mechanical Rm.	24009294-031	Black Duct Sealant with Wrap	Y	100	ND	5 FBG, 25 CELL	70	B, Other
4815-32 / AHU 18 Mechanical Rm.	24009294-032	White Duct Seam Sealant	Y	100	ND		100	B
4815-33 / AHU 18 Mechanical Rm.	24009294-033	White Duct Seam Sealant	Y	100	ND		100	B
4815-34 / B111 Mechanical Rm.	24009294-034	Red Wall Sealant	Y	100	ND	10 FBG	90	B, Other
4815-35 / B111 Mechanical Rm.	24009294-035	Red Wall Sealant	Y	100	ND	10 FBG	90	B, Other
4815-36 / B111 Mechanical Rm.	24009294-036	Black Door Sealant	Y	100	ND		100	B, Other
4815-37 / B111 Mechanical Rm.	24009294-037	Black Door Sealant	Y	100	ND		100	B, Other
4815-38 / B111 Mechanical Rm. Ceiling	24009294-038-1	White Joint Compound	Y	20	ND		100	C
	24009294-038-2	White Gypsum Wallboard 1	Y	40	ND	5 CELL	95	G
	24009294-038-3	White Gypsum Wallboard 2	Y	40	ND	5 CELL	95	G

Sandar Hein
Asbestos Analyst

Miguel Ines
Asbestos Laboratory Supervisor

AMOS	Amosite	CELL	Cellulose	Q	Quartz
ACTN	Actinolite	MW	Mineral Wool	C	Carbonates
ANTH	Anthophyllite	FBG	Fiberglass	G	Gypsum
CHRY	Chrysotile	SYN	Synthetic	M	Mica
CROC	Crocidolite	WO	Wollastonite	T	Tar
TREM	Tremolite	FT	Fibrous Talc	P	Perlite
<1%	Less Than 1%	AH	Animal Hair	B	Binder
ND	None Detected	NAC	Non-Asbestiform AC	D	Diatoms
		NTR	Non-Asbestiform TR		

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Client Name	Specialty Environmental Group
Street address	PO BOX 644
City, State ZIP	LIBERTY LAKE, Washington 99019
Attn:	Cole Speer
Client Project Name:	4815-CS / 4815 N Assembly St. Spokane WA 99205

Date Collected:	03/07/24
Date Received:	03/19/24
Date Analyzed:	03/19/24
Date Reported:	03/20/24
Project ID:	24009294

Test Requested: **3002, Asbestos in Bulk Samples**
Method: Polarized Light Microscopy (PLM)

EPA 600/R-93/116. Method for the Determination of Asbestos in Bulk Building Materials.
40 CFR, Part 763, Appendix E to Subpart E, Interim Method for the Determination of Asbestos in Bulk Insulation Samples.

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Non-Asbestos Fibers Percentage	Non-Fibrous Percentage	Matrix Material
Client	Lab Sample Number							
4815-39 / B111 Mechanical Rm. Ceiling	24009294-039-1	White Joint Compound	Y	20	ND		100	C
	24009294-039-2	White Gypsum Wallboard 1	Y	40	ND	5 CELL	95	G
	24009294-039-3	White Gypsum Wallboard 2	Y	40	ND	5 CELL	95	G
4815-40 / B111 Mechanical Rm.	24009294-040	Off-White Interior HVAC Sealant	Y	100	CHRY 4%		96	B, C
4815-41 / B111 Mechanical Rm.	24009294-041	Off-White Interior HVAC Sealant	Y	100	CHRY 4%		96	B, C
4815-42 / B113 Mechanical Rm.	24009294-042	Tan Duct Sealant	Y	100	CHRY 2%		98	B
4815-43 / B113 Mechanical Rm.	24009294-043	Tan Duct Sealant	Y	100	CHRY 2%		98	B
4815-44 / B113 Mechanical Rm.	24009294-044	White/Beige Acoustical Ceiling Tile	Y	100	ND	50 CELL, 30 FBG	20	Other
4815-45 / B113 Mechanical Rm.	24009294-045	White/Beige Acoustical Ceiling Tile	Y	100	ND	50 CELL, 30 FBG	20	Other
4815-46 / B113 Mechanical Rm. Wall B	24009294-046-1	White Surface Coating	Y	30	ND		100	G

Sandar Hein
Asbestos Analyst

Miguel Ines
Asbestos Laboratory Supervisor

AMOS	Amosite	CELL	Cellulose	Q	Quartz
ACTN	Actinolite	MW	Mineral Wool	C	Carbonates
ANTH	Anthophyllite	FBG	Fiberglass	G	Gypsum
CHRY	Chrysotile	SYN	Synthetic	M	Mica
CROC	Crocidolite	WO	Wollastonite	T	Tar
TREM	Tremolite	FT	Fibrous Talc	P	Perlite
<1%	Less Than 1%	AH	Animal Hair	B	Binder
ND	None Detected	NAC	Non-Asbestiform AC	D	Diatoms
		NTR	Non-Asbestiform TR		

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Client Name	Specialty Environmental Group	Date Collected:	03/07/24
Street address	PO BOX 644	Date Received:	03/19/24
City, State ZIP	LIBERTY LAKE, Washington 99019	Date Analyzed:	03/19/24
Attn:	Cole Speer	Date Reported:	03/20/24
Client Project Name:	4815-CS / 4815 N Assembly St. Spokane WA 99205	Project ID:	24009294

Test Requested: **3002, Asbestos in Bulk Samples**
Method: Polarized Light Microscopy (PLM)

EPA 600/R-93/116. Method for the Determination of Asbestos in Bulk Building Materials.
40 CFR, Part 763, Appendix E to Subpart E, Interim Method for the Determination of Asbestos in Bulk Insulation Samples.

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Non-Asbestos Fibers Percentage	Non-Fibrous Percentage	Matrix Material
Client	Lab Sample Number							
4815-46 / B113 Mechanical Rm. Wall B	24009294-046-2	Off-White Plaster	Y	70	ND		100	G, Q
4815-47 / B113 Mechanical Rm. Wall B	24009294-047-1	White Surface Coating	Y	40	ND		100	G
	24009294-047-2	Off-White Plaster	Y	60	ND		100	G, Q
4815-48 / B113 Mechanical Rm. Wall B	24009294-048-1	White Surface Coating	Y	30	ND		100	G
	24009294-048-2	Off-White Plaster	Y	70	ND		100	G, Q
4815-49 / B262 Chase	24009294-049	White Cementitious Material	Y	100	ND	15 FBG	85	Q, MW, G
4815-50 / B262 Chase	24009294-050	White Cementitious Material	Y	100	ND	15 FBG	85	Q, MW, G
4815-51 / B262 Chase Floor	24009294-051-1	Tan Floor Tile	Y	90	CHRY <1%		100	Other
	24009294-051-2	Black Mastic	Y	10	CHRY 5%		95	T
4815-52 / B262 Chase Floor	24009294-052-1	Tan Floor Tile	Y	90	CHRY <1%		100	Other

Sandar Hein
Asbestos Analyst

Miguel Ines
Asbestos Laboratory Supervisor

AMOS	Amosite	CELL	Cellulose	Q	Quartz
ACTN	Actinolite	MW	Mineral Wool	C	Carbonates
ANTH	Anthophyllite	FBG	Fiberglass	G	Gypsum
CHRY	Chrysotile	SYN	Synthetic	M	Mica
CROC	Crocidolite	WO	Wollastonite	T	Tar
TREM	Tremolite	FT	Fibrous Talc	P	Perlite
<1%	Less Than 1%	AH	Animal Hair	B	Binder
ND	None Detected	NAC	Non-Asbestiform AC	D	Diatoms
		NTR	Non-Asbestiform TR		

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Client Name	Specialty Environmental Group	Date Collected:	03/07/24
Street address	PO BOX 644	Date Received:	03/19/24
City, State ZIP	LIBERTY LAKE, Washington 99019	Date Analyzed:	03/19/24
Attn:	Cole Speer	Date Reported:	03/20/24
Client Project Name:	4815-CS / 4815 N Assembly St. Spokane WA 99205	Project ID:	24009294

Test Requested: **3002, Asbestos in Bulk Samples**
Method: Polarized Light Microscopy (PLM)

EPA 600/R-93/116. Method for the Determination of Asbestos in Bulk Building Materials.
40 CFR, Part 763, Appendix E to Subpart E, Interim Method for the Determination of Asbestos in Bulk Insulation Samples.

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Non-Asbestos Fibers Percentage	Non-Fibrous Percentage	Matrix Material
Client	Lab Sample Number							
4815-52 / B262 Chase Floor	24009294-052-2	Black Mastic	Y	10	CHRY 5%		95	T
4815-53 / B262 Chase Wall A	24009294-053-1	White Surface Coating	Y	20	ND		100	G
	24009294-053-2	Gray Plaster	Y	80	ND	2 SYN	98	G, Q
4815-54 / B262 Chase Wall A	24009294-054-1	White Surface Coating	Y	20	ND		100	G
	24009294-054-2	Gray Plaster	Y	80	ND	2 SYN	98	G, Q
4815-55 / B262 Chase Wall A	24009294-055-1	White Surface Coating	Y	20	ND		100	G
	24009294-055-2	Gray Plaster	Y	80	ND	2 SYN	98	G, Q
4815-56 / B262 Chase Wall D	24009294-056	Gray Mortar	Y	100	ND		100	C, Q
4815-57 / B262 Chase Wall D	24009294-057	Gray Mortar	Y	100	ND		100	C, Q
4815-58 / AHU 10 Mechanical Rm.	24009294-058	Gray Spray-on Fireproofing	Y	100	ND	12 CELL, 3 FBG	85	G, Other

Sandar Hein
Asbestos Analyst

Miguel Ines
Asbestos Laboratory Supervisor

AMOS	Amosite	CELL	Cellulose	Q	Quartz
ACTN	Actinolite	MW	Mineral Wool	C	Carbonates
ANTH	Anthophyllite	FBG	Fiberglass	G	Gypsum
CHRY	Chrysotile	SYN	Synthetic	M	Mica
CROC	Crocidolite	WO	Wollastonite	T	Tar
TREM	Tremolite	FT	Fibrous Talc	P	Perlite
<1%	Less Than 1%	AH	Animal Hair	B	Binder
ND	None Detected	NAC	Non-Asbestiform AC	D	Diatoms
		NTR	Non-Asbestiform TR		

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Client Name	Specialty Environmental Group	Date Collected:	03/07/24
Street address	PO BOX 644	Date Received:	03/19/24
City, State ZIP	LIBERTY LAKE, Washington 99019	Date Analyzed:	03/19/24
Attn:	Cole Speer	Date Reported:	03/20/24
Client Project Name:	4815-CS / 4815 N Assembly St. Spokane WA 99205	Project ID:	24009294

Test Requested: **3002, Asbestos in Bulk Samples**
Method: Polarized Light Microscopy (PLM)

EPA 600/R-93/116. Method for the Determination of Asbestos in Bulk Building Materials.
40 CFR, Part 763, Appendix E to Subpart E, Interim Method for the Determination of Asbestos in Bulk Insulation Samples.

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Non-Asbestos Fibers Percentage	Non-Fibrous Percentage	Matrix Material
Client	Lab Sample Number							
4815-59 / AHU 10 Mechanical Rm.	24009294-059	Gray Spray-on Fireproofing	Y	100	ND	12 CELL, 3 FBG	85	G, Other
4815-60 / AHU 10 Mechanical Rm.	24009294-060	Gray Spray-on Fireproofing	Y	100	ND	12 CELL, 3 FBG	85	G, Other
4815-61 / AHU 10 Mechanical Rm.	24009294-061	White Pipe Wrap with Coating	Y	100	ND	3 WO	97	B, Other
4815-62 / AHU 10 Mechanical Rm.	24009294-062	White Pipe Wrap with Coating	Y	100	ND	3 WO	97	B, Other
4815-63 / AHU 10 Mechanical Rm. Floor	24009294-063-1	Black Tar Material	Y	70	ND	5 FBG	95	T
	24009294-063-2	Black Tar Felt	Y	30	ND	80 CELL	20	T
4815-64 / AHU 10 Mechanical Rm. Floor	24009294-064-1	Black Tar Material	Y	70	ND	5 FBG	95	T
	24009294-064-2	Black Tar Felt	Y	30	ND	80 CELL	20	T
4815-65 / AHU 10 Mechanical Wall B	24009294-065-1	Cream Texture Surface Coating	Y	10	ND		100	C
	24009294-065-2	White Joint Compound with Mesh	Y	20	ND	20 FBG	80	C

Sandar Hein
Asbestos Analyst

Miguel Ines
Asbestos Laboratory Supervisor

AMOS	Amosite	CELL	Cellulose	Q	Quartz
ACTN	Actinolite	MW	Mineral Wool	C	Carbonates
ANTH	Anthophyllite	FBG	Fiberglass	G	Gypsum
CHRY	Chrysotile	SYN	Synthetic	M	Mica
CROC	Crocidolite	WO	Wollastonite	T	Tar
TREM	Tremolite	FT	Fibrous Talc	P	Perlite
<1%	Less Than 1%	AH	Animal Hair	B	Binder
ND	None Detected	NAC	Non-Asbestiform AC	D	Diatoms
		NTR	Non-Asbestiform TR		

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NVLAP Lab Code 201076-0

Client Name	Specialty Environmental Group
Street address	PO BOX 644
City, State ZIP	LIBERTY LAKE, Washington 99019
Attn:	Cole Speer
Client Project Name:	4815-CS / 4815 N Assembly St. Spokane WA 99205

Date Collected:	03/07/24
Date Received:	03/19/24
Date Analyzed:	03/19/24
Date Reported:	03/20/24
Project ID:	24009294

Test Requested: **3002, Asbestos in Bulk Samples**
Method: Polarized Light Microscopy (PLM)

EPA 600/R-93/116. Method for the Determination of Asbestos in Bulk Building Materials.
40 CFR, Part 763, Appendix E to Subpart E, Interim Method for the Determination of Asbestos in Bulk Insulation Samples.

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Non-Asbestos Fibers Percentage	Non-Fibrous Percentage	Matrix Material
Client	Lab Sample Number							
4815-65 / AHU 10 Mechanical Wall B	24009294-065-3	White Gypsum Wallboard	Y	70	ND	5 CELL	95	G
4815-66 / AHU 10 Mechanical Wall B	24009294-066-1	Cream Texture Surface Coating	Y	10	ND		100	C
	24009294-066-2	White Joint Compound with Mesh	Y	20	ND	20 FBG	80	C
	24009294-066-3	White Gypsum Wallboard	Y	70	ND	5 CELL	95	G
4815-67 / AHU 10 Mechanical Wall B	24009294-067-1	Cream Texture Surface Coating	Y	30	ND		100	C
	24009294-067-2	White Gypsum Wallboard	Y	70	ND	5 CELL	95	G
4815-68 / B348 Wall B	24009294-068-1	White Texture Surface Coating	Y	15	ND		100	C
	24009294-068-2	White Joint Compound	Y	15	ND		100	C
	24009294-068-3	White Gypsum Wallboard	Y	70	ND	5 CELL	95	G
4815-69 / B348 Wall B	24009294-069-1	White Texture Surface Coating	Y	15	ND		100	C

Sandar Hein
Asbestos Analyst

Miguel Ines
Asbestos Laboratory Supervisor

AMOS	Amosite	CELL	Cellulose	Q	Quartz
ACTN	Actinolite	MW	Mineral Wool	C	Carbonates
ANTH	Anthophyllite	FBG	Fiberglass	G	Gypsum
CHRY	Chrysotile	SYN	Synthetic	M	Mica
CROC	Crocidolite	WO	Wollastonite	T	Tar
TREM	Tremolite	FT	Fibrous Talc	P	Perlite
<1%	Less Than 1%	AH	Animal Hair	B	Binder
ND	None Detected	NAC	Non-Asbestiform AC	D	Diatoms
		NTR	Non-Asbestiform TR		

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Client Name	Specialty Environmental Group	Date Collected:	03/18/24
Street address	PO BOX 644	Date Received:	03/19/24
City, State ZIP	LIBERTY LAKE, Washington 99019	Date Analyzed:	03/19/24
Attn:	Cole Speer	Date Reported:	03/20/24
Client Project Name:	4815-CS / 4815 N Assembly St. Spokane WA 99205	Project ID:	24009294

Test Requested: **3002, Asbestos in Bulk Samples**
Method: Polarized Light Microscopy (PLM) **EPA 600/R-93/116.** Method for the Determination of Asbestos in Bulk Building Materials.
40 CFR, Part 763, Appendix E to Subpart E. Interim Method for the Determination of Asbestos in Bulk Insulation Samples.

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Non-Asbestos Fibers Percentage	Non-Fibrous Percentage	Matrix Material
Client	Lab Sample Number							
4815-69 / B348 Wall B	24009294-069-2	White Joint Compound	Y	15	ND		100	C
	24009294-069-3	White Gypsum Wallboard	Y	70	ND	5 CELL	95	G
4815-70 / B348 Wall B	24009294-070-1	White Texture Surface Coating	Y	30	ND		100	C
	24009294-070-2	White Gypsum Wallboard	Y	70	ND	5 CELL	95	G
4815-71 / B355	24009294-071	White HVAC Seam Mastic	Y	100	ND	3 CELL	97	B
4815-72 / B355	24009294-072	White HVAC Seam Mastic	Y	100	ND	3 CELL	97	B
4815-73 / B114 Store Storage Wall B	24009294-073	Beige Plaster	Y	100	ND		100	G, Q
4815-74 / B114 Store Storage Wall B	24009294-074	Beige Plaster	Y	100	ND		100	G, Q
4815-75 / B114 Store Storage Wall B	24009294-075	Beige Plaster	Y	100	ND		100	G, Q
4815-76 / Kitchen Wall B	24009294-076-1	Red Brick	Y	50	ND		100	Q, Other

Sandar Hein
Sandar Hein
Asbestos Analyst

Miguel Ines
Miguel Ines
Asbestos Laboratory Supervisor

AMOS	Amosite	CELL	Cellulose	Q	Quartz
ACTN	Actinolite	MW	Mineral Wool	C	Carbonates
ANTH	Anthophyllite	FBG	Fiberglass	G	Gypsum
CHRY	Chrysotile	SYN	Synthetic	M	Mica
CROC	Crocidolite	WO	Wollastonite	T	Tar
TREM	Tremolite	FT	Fibrous Talc	P	Perlite
<1%	Less Than 1%	AH	Animal Hair	B	Binder
ND	None Detected	NAC	Non-Asbestiform AC	D	Diatoms
		NTR	Non-Asbestiform TR		

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NVLAP Lab Code 201076-0

Client Name	Specialty Environmental Group	Date Collected:	03/18/24
Street address	PO BOX 644	Date Received:	03/19/24
City, State ZIP	LIBERTY LAKE, Washington 99019	Date Analyzed:	03/19/24
Attn:	Cole Speer	Date Reported:	03/20/24
Client Project Name:	4815-CS / 4815 N Assembly St. Spokane WA 99205	Project ID:	24009294

Test Requested: **3002, Asbestos in Bulk Samples**
Method: Polarized Light Microscopy (PLM)

EPA 600/R-93/116. Method for the Determination of Asbestos in Bulk Building Materials.
40 CFR, Part 763, Appendix E to Subpart E, Interim Method for the Determination of Asbestos in Bulk Insulation Samples.

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Non-Asbestos Fibers Percentage	Non-Fibrous Percentage	Matrix Material
Client	Lab Sample Number							
4815-76 / Kitchen Wall B	24009294-076-2	Gray Mortar	Y	50	ND		100	C. Q
4815-77 / Kitchen Wall B	24009294-077-1	Red Brick	Y	50	ND		100	Q, Other
	24009294-077-2	Gray Mortar	Y	50	ND		100	C. Q
4815-78 / Kitchen Ceiling	24009294-078	White/Beige Acoustical Ceiling Tile	Y	100	ND	50 CELL, 30 FBG	20	Other
4815-79 / Kitchen Ceiling	24009294-079	White/Beige Acoustical Ceiling Tile	Y	100	ND	50 CELL, 30 FBG	20	Other
4815-80 / AHU 20 Hallway	24009294-080	Yellow Duct Sealant	Y	100	CHRY 2%		98	B
4815-81 / AHU 18 A 127	24009294-081	Yellow Duct Sealant	Y	100	CHRY 2%		98	B
4815-82 / AHU 18 A 107	24009294-082	Red Duct Sealant	Y	100	ND	10 FBG	90	B, Other
4815-83 / AHU 18 A 107	24009294-083	Red Duct Sealant	Y	100	ND	10 FBG	90	B, Other
4815-84 / AHU 18 A 107 Wall D	24009294-084-1	White Joint Compound 1	Y	15	ND		100	C

Sandar Hein
Asbestos Analyst

Miguel Ines
Asbestos Laboratory Supervisor

AMOS	Amosite	CELL	Cellulose	Q	Quartz
ACTN	Actinolite	MW	Mineral Wool	C	Carbonates
ANTH	Anthophyllite	FBG	Fiberglass	G	Gypsum
CHRY	Chrysotile	SYN	Synthetic	M	Mica
CROC	Crocidolite	WO	Wollastonite	T	Tar
TREM	Tremolite	FT	Fibrous Talc	P	Perlite
<1%	Less Than 1%	AH	Animal Hair	B	Binder
ND	None Detected	NAC	Non-Asbestiform AC	D	Diatoms
		NTR	Non-Asbestiform TR		

Aerobiology Laboratory Associates, Incorporated
Expertise Since 1997

15061 Springdale St.
Suite 111
Huntington Beach, CA 92649
(714) 895-8401
www.aerobiology.net

Certificate of Analysis

NVLAP Lab Code 201076-0

Client Name	Specialty Environmental Group
Street address	PO BOX 644
City, State ZIP	LIBERTY LAKE, Washington 99019
Attn:	Cole Speer
Client Project Name:	4815-CS / 4815 N Assembly St. Spokane WA 99205

Date Collected:	03/18/24
Date Received:	03/19/24
Date Analyzed:	03/19/24
Date Reported:	03/20/24
Project ID:	24009294

Test Requested: **3002, Asbestos in Bulk Samples**
Method: Polarized Light Microscopy (PLM)

EPA 600/R-93/116. Method for the Determination of Asbestos in Bulk Building Materials.
40 CFR, Part 763, Appendix E to Subpart E, Interim Method for the Determination of Asbestos in Bulk Insulation Samples.

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Non-Asbestos Fibers Percentage	Non-Fibrous Percentage	Matrix Material
Client	Lab Sample Number							
4815-84 / AHU 18 A 107 Wall D	24009294-084-2	White Joint Compound 2	Y	15	ND		100	C
	24009294-084-3	White Gypsum Wallboard	Y	70	ND	5 CELL	95	G
4815-85 / AHU 18 A 107 Wall D	24009294-085-1	White Joint Compound 1	Y	15	ND		100	C
	24009294-085-2	White Joint Compound 2	Y	15	ND		100	C
	24009294-085-3	White Gypsum Wallboard	Y	70	ND	5 CELL	95	G
4815-86 / AHU 18 Hallway	24009294-086	White Duct Tape with Coating	Y	100	ND	70 CELL	30	B
4815-87 / AHU 18 Hallway	24009294-087	White Duct Tape with Coating	Y	100	ND	70 CELL	30	B

Sandar Hein
Asbestos Analyst

Miguel Ines
Asbestos Laboratory Supervisor

AMOS	Amosite	CELL	Cellulose	Q	Quartz
ACTN	Actinolite	MW	Mineral Wool	C	Carbonates
ANTH	Anthophyllite	FBG	Fiberglass	G	Gypsum
CHRY	Chrysotile	SYN	Synthetic	M	Mica
CROC	Crocidolite	WO	Wollastonite	T	Tar
TREM	Tremolite	FT	Fibrous Talc	P	Perlite
<1%	Less Than 1%	AH	Animal Hair	B	Binder
ND	None Detected	NAC	Non-Asbestiform AC	D	Diatoms
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Certificate of Analysis

Specialty Environmental Group
PO BOX 644
LIBERTY LAKE, Washington 99019
Cole Speer
Client Project Name: 4815-CS / 4815 N Assembly St. Spokane WA 99205

NVLAP TESTING
NVLAP Lab Code 201076-0

Date Collected:	03/07/24
Date Received:	03/19/24
Date Analyzed:	03/19/24
Date Reported:	03/20/24
Project ID:	24009294

General Notes

- **ND** indicates no asbestos was detected; for calibrated visual estimation (CVES), the method detection limit is 1%.
- "<1%" indicates asbestos was identified in the sample. For lower concentrations, Point Counting is recommended.
- All regulated asbestos minerals (i.e. chrysotile, amosite, crocidolite, anthophyllite, tremolite, and actinolite) were sought in every layer of each sample, but only those asbestos minerals detected are listed. Amosite is the common name for the asbestiform variety of the minerals cummingtonite and grunerite. Crocidolite is the common name used for the asbestiform variety of the mineral riebeckite.
- Tile, vinyl, foam, plastic, and fine powder samples may contain asbestos fibers of such small diameter (< 0.25 microns in diameter) that these fibers cannot be detected by PLM. For such samples, more sensitive analytical methods (e.g. TEM, SEM, and XRD) are recommended if greater certainty about asbestos content is required. Semi-quantitative bulk TEM floor tile analysis is accepted under NESHAP regulations.
- These results are submitted pursuant to Aerobiology Laboratory Associates, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results are used or interpreted.
- Unless notified in writing to return the samples covered by this report, Aerobiology Laboratory Associates, Inc. will store the samples for a minimum period of thirty (30) days before discarding. A shipping and handling charge will be assessed for the return of any samples.
- Aerobiology does not guarantee the results of debris samples. Accurate analysis cannot be performed due to particle size, inhomogeneity of bulks in sample, wetness, and/or amount of material given. Analysis of these materials should be performed by Gravimetric Reduction, or by Transmission Elelctron Microscopy (TEM). ***A result of ND does not indicate that the sample area does not contain asbestos. It means the analyst could not identify asbestos in the specific sample for the reasons listed above.***

Notes Required by NVLAP

- 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.
- This test report relates only to the items tested or calibrated.
- This report is not valid unless it bears the name of a NVLAP-approved signatory.
- Any reproduction of this document must include the entire document in order for the report to be valid.

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LEAD BASED PAINT TESTING

JOB INFORMATION:
Conducted: 1/11/2024, 1/17/2024 and 3/7/2024
CLIENT: Aesus Design Group PROJECT# 4815 pt.1-CS
SITE ADDRESS: 4815 N Assembly St. AHU 10, 18, 20, 22 Spokane WA 99205

TEST KIT # 1 MANUFACTURER: 3M
NAME/MODEL LEAD CHECK SWAB LOT# ABABC61

TEST KIT # Used	LOCATION	DESCRIPTION OF LOCATION	RESULTS	PHOTO TAKEN
1	AHU 20 mechanical room	Walls A, B, C, and D	ND	No
1	AHU 18 mechanical room	Walls A, B, C, and D	ND	No
1	AHU 18 mechanical room	Floor		No
1	Room B113	Ceiling	ND	No
1	B262 chase area	Walls A, B, C, and D	ND	No
1	AHU 10 mechanical room	Walls A, B, C, and D	ND	No
1	B348 mechanical room	Walls A, B, C, and D	ND	No
1	Kitchen	Ceiling	ND	No
1	AHU 18 area	Plenum area walls A, B, C, and D	ND	Yes
1	AHU 20 area	Plenum area walls A, B, C, and D	ND	Yes
1	AHU 22 area	Plenum area walls A, B, C, and D	ND	Yes

ND= NON-DETECT YES= LEAD DETECTED ABOVE EPA STANDARDS P = PRESUMED

Cole Speer

Lead RRP
Certification number: R-I-9038WA-19-00202
Expiration Date: 7/18/2024

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AHU 18 wall A

AHU 20 wall D

AHU 22 wall D

United States Department of Commerce
National Institute of Standards and Technology

Certificate of Accreditation to 150/IEC 17025:2017

NVLAP LAB CODE: 201076-0

Aerobiology Laboratory Assoc. Inc., Huntington Beach, CA

Huntington Beach, CA

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

Asbestos Fiber Analysis

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

2023-10-01 through 2024-09-30

Effective Dates

For the National Voluntary Laboratory Accreditation Program

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Sample Asbestos-Containing Material List

Acoustical ceiling texture ("popcorn")
Asphalt flooring
Base flashing
Blown-in insulation
Boiler/tank insulation
Breaching insulation
Brick mortar
Built-up roofing
Caulking/putties
Ceiling tiles/panels/mastic
Cement board/transite
Cement pipes
Cement roofing shingles
Chalkboards
Construction mastics
Duct tape/paper
Ductwork flexible connections
Electrical cloth
Electrical panel partitions
Electrical wiring insulation
Elevator brake shoes
Erkot roofing material
Fire blankets
Fire curtains/hose
Fire doors
Fireproofing
Furnace insulation
Gray roofing paint
High temperature gaskets
HVAC duct insulation
Incandescent light fixture
Joint compound/wallboard
Laboratory hoods/tabletops
Nicolet (white) roofing paper
Packing materials
Paper fire box in walls
Paper on backside of fiberglass insulation
Pipe insulation/fittings
Plaster/ wall joints
Poured flooring
Rolled roofing
Roofing shingles
Sink insulation
Spray-applied insulation
Stucco
Sub flooring slip sheet
Textured paints/coatings
Vapor barrier
Vinyl floor tile/mastic
Vinyl sheet flooring/mastic
Vinyl wall coverings
Window glazing

Note: This list does not include every product that may contain asbestos. It is intended as a general guide to show which types of materials may contain asbestos.

KYRON

Certificate of Completion

Cole Speer

has successfully completed

4-Hr AHERA Certified Building Inspector Refresher Training

In compliance with TSCA Title II AHERA 40 CFR Part 763

as approved by the State of Missouri

Kyron Environmental Accreditation #MO-129

Date of Training & Exam: November 16, 2023, in Spokane, WA

Certificate # BIR20231116-01

Larry Hagel, Instructor

Expires: 11/16/2024

PO Box 19214 | Spokane, WA 99219 | **Phone** 509.252.8880 | **Web** Kyronehs.com

Certificate of Completion

This is to certify that

Cole Speer

has satisfactorily completed
24 hours of training as an

AHERA Building Inspector

to comply with the training requirements of
TSCA Title II, 40 CFR 763 (AHERA)

EPA Provider # 1085

165883
Certificate Number

Instructor

ARGUS PACIFIC TRAINING • CONSULTING A Terracon COMPANY

Feb 26 - 28, 2018 Expires in 1 year.
Date(s) of Training

Exam Score: If appropriate: 96%

ARGUS PACIFIC, INC / 1900 WEST NICKERSON ST, SUITE 315 / SEATTLE, WASHINGTON 98119 / 206.285.3373 / ARGUSPACIFIC.COM

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EnviroEd LLC

1066 Oldrons Road, Allentown, PA 18103
(888) 777-2494 [illegible]

Certificate of Attendance and Successful Completion
Renovator Initial – English
Issued in accordance with WAC Chapter 365-233 and 40 CFR 745.225

Cole Speer
18110 N Lidgerwood Ct
Colbert, WA 99005
Certificate Number: R-I-9038WA-19-00202

Date of Course: 7/18/2019
Date of Successful Test Completion: 7/18/2019
Date of Certificate Expiration: 7/18/2024

7/21/2019

Jessica L. Lucas RS, HHS — Date
EnviroEd, LLC, Training Manager

STATE OF WASHINGTON

Department of Commerce

Renovation, Repair & Painting Firm

Specialty Environmental Group LLC

Has fulfilled the certification requirements of
WAC 365-230
and has been certified to conduct lead-based
paint activities.

Certification #	Issuance Date	Expiration Date
R59	03/18/2021	04/26/2026

Department of Labor and Industries
Asbestos Certification Program
PO Box 44614
Olympia, WA 98504-4614

SPECIALTY ENVIRONMENTAL

Certificate: ABCN00001606

Contractor Registration: SPECIEG851QB

Expiration Date: 11/2/2024

SPECIALTY ENVIRONMENTAL
PO BOX 644
LIBERTY LAKE WA 99019

United States Environmental Protection Agency

This is to certify that

Specialty Environmental Group, LLC

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to perform lead-based paint renovation, repair, and painting activities pursuant to 40 CFR Part 745.90

In the Jurisdiction of:

All EPA Administered States, Tribes, and Territories

This certification is valid from the date of issuance and expires February 28, 2024

NAT-F120692-2
Certification #

January 12, 2017
Issued On

Michelle Price, Chief
Lead, Heavy Metals, and Inorganics Branch

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Additional information may be found at
Spokane Regional Clean Air
3104 E Augusta
Spokane, Wa 99207
509 477-4727
www.spokanecleanair.org

US Environmental Protection Agency
www.epa.gov

Washington State Labor and Industries
www.lni.wa.gov

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SUMMARY OF REGULATORY REQUIREMENTS FOR MATERIALS CONTAINING LESS THAN OR EQUAL TO ONE PERCENT ASBESTOS

(The following is a brief guideline of requirements and exempted items that apply in most cases when working with materials that contain asbestos at less than or equal to 1%.)

DOSH/OSHA Defines: (WAC 296-62-07703)

- Asbestos containing material (ACM) is material containing more than 1% asbestos.
- Asbestos includes chrysotile, amosite, crocidolite, tremolite asbestos, anthophyllite asbestos, actinolite asbestos, and any of these minerals that have been chemically treated and/or altered. (Per OSHA letter of interpretation "the definition of asbestos does not have a one percent cut off, therefore, asbestos that is present in percentages less than, or equal to, one percent continues to be covered by the DOSH and OSHA standards.)
- If less than 1% asbestos, the EPA & Local Clean Air Agencies (LCAAs) do not regulate it as asbestos-containing material.

Washington State Department of Labor and Industries

- Abatement of ≤1% asbestos is considered "non-classified" work (is NOT Class I, II, III or IV)
- Most requirements for ≤1% asbestos work are found in WAC 296-62-07712(2,4 & 5), WAC 296-62-07722(5) and WAC 296-62-07728

Exposure Assessment and Monitoring (WAC 296-62-07709), see comments 1 & 2 below.

- Competent person (see training requirement below) to conduct an initial exposure assessment/negative exposure assessment (NEA). See NEA criteria in WAC 296-62-07709-3-b.
- Periodic exposure monitoring to document employee exposure if initial monitoring results are over the PEL, the exposure is expected to exceed the PEL, or if conditions change (WAC 296-62-07709-3-f) that may result in employee exposure above the PEL.

Engineering Controls and Work Practices

- Wet methods
- HEPA vacuums
- Prompt clean up and disposal

} (WAC 296-62-07712-2)

- If exposure levels are above the PEL control methods listed in WAC 296-62-07712-3 must be used.
- Regulated area (& warning signs) required if potential for exposure is above the PEL (WAC 296-62-07711).
- Change area required if exposure is above the PEL or a negative exposure assessment has not been conducted (WAC 296-62-07719-1).
- If employee exposure is above the PEL they must shower prior to the end of their work shift (3 stage decon station is not required).

Protective Work Clothing and Equipment – (WAC 296-62-07717)

- Personal protective clothing and equipment is required when exposed above the PEL, or a negative exposure assessment has not been conducted.
- Employees cannot leave the workplace wearing clothing or equipment worn during the work shift when exposed above the PEL.
- See WAC 296-62-07717-2, Removal and storage and WAC 296-62-07717-3, Cleaning and replacement, for additional protective work clothing and equipment requirements when employees are exposed to asbestos above the PEL or a negative exposure assessment has not been completed.

Respiratory Protection – (WAC 296-62-07715)

- Respiratory protection required whenever employee exposure exceeds the PEL.

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- Respirator program in accordance with the respirator rule, WAC 296-842 if respirator use is required or respirators are used voluntarily.
- Asbestos medical surveillance required if employee exposure is above the PEL for a combined 30 or more days per year or respirator use is required (WAC 296-62-07725).

Training (WAC 296-62-07722-1-c)

- Training – 2-hour awareness. Training must, at a minimum, cover elements listed in WAC 296-62- 07722-5.
- Competent Person is required - No set training requirements however the competent person must have appropriate knowledge and authority to take necessary action to ensure a safe workplace.

Prohibited – (WAC 296-62-07712-4)

- High-speed abrasive disc saws that are not equipped with point of cut ventilator or enclosures with HEPA filtered exhaust air;
- Compressed air used to remove asbestos, or materials containing asbestos, unless the compressed air is used in conjunction with an enclosed ventilation system designed to capture the dust cloud created by the compressed air;
- Employee rotation as a means of reducing employee exposure to asbestos.

Things that are <u>NOT</u> required by regulations

- Labeled bags
- Worker, supervisor or contractor certification
- Pre-demolition removal requirement of asbestos $\leq$ 1%.
- Notification to Labor & Industries or local clean air agency such as Puget Sound Clean Air Agency

Comments

1. OSHA letter of interpretation concerning requirements when working with materials that contain less than or equal to 1 percent asbestos can be found at, http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=INTERPRETATIONS&p_id=24748.

2. Most of these projects will involve wallboard joint compound. The employer may establish historical data (good for one year, only) for these types of jobs. When collecting historical data to establish a negative exposure assessment (NEA), the NEA data must be collected from a job that was similar to the current job, or the NEA data was collected during a job that was likely to have the same or higher levels than the current job (worst case scenario). NEA data must include the percent asbestos in the materials. Other conditions that must be similar include: type of material containing the asbestos, worker training and experience, environmental conditions (rain, wind), engineering controls, size and configuration of the work area (removal by 4 people in a small room will be dustier than removal by one person in a large warehouse).

3. ACM cannot be mixed with nonasbestos containing material to make it a less than 1% mixture of material. If a debris pile contains distinct ACM the entire debris pile will be considered ACM even if less than 1% of the total pile is asbestos.