NESHAP DemolitionSurvey

For Asbestos Containing Building Materials

Sunset Motel
1401 South 2nd Avenue
Sheldon, IA

For

Sam Kooiker
City of Sheldon
416 9th Street
Sheldon, IA

ALLOY SPECIALTY

ALLOY SPECIALTY

5850 Wenninghoff Road
Omaha, NE 68134
Phone: (402) 571-8833
Fax: (402) 571-7900
alloyspecialty@email.com

July 26, 2019

Sam Kooiker
City Administrator
City of Sheldon
416 9th Street
Sheldon, IA 51201

Re: NESHAP Demolition Survey for Asbestos Containing Building Materials
Alloy Specialty Project Number 19033

Dear Mr. Kooiker,

Please find enclosed the National Emission Standard Hazardous Air Pollutants (NESHAPS) Demolition survey report for the Sunset Motel, 1401 South 2nd Avenue, Sheldon, IA. The assessment and analytical procedures were specifically for asbestos containing building materials. The site was reviewed on 7/5/2019.

Alloy Specialty collected fifty-three (53) samples from the property for asbestos content. Of the seventy-one (71) layers analyzed, seven (7) individual materials were classified as containing greater than one percent (>1%) asbestos. Samples were analyzed by Environmental Testing Lab, Lab #201028-00, via EPA Method 600/R-93/116.

According to the State of Iowa's Department of Environmental Resource's NESHAPS standard, these materials (Cement Siding Panels, Sheetrock Joint Compound, Floor Tile, Floor Tile, Window Glazing, and Sheet Flooring) are classified as asbestos containing building materials (ACM) therefore they need to address any asbestos prior to Demolition of the property.

If you have any questions, please contact us.

Respectfully Submitted,

Darwin D. Rohde
President
18-0705 State of Iowa Asbestos Inspector, Management Planner

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Survey Assessment Report to Satisfy the National Emissions Hazardous Air Pollutants Standard

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NESHAP Demolition Survey

For Asbestos Containing Building Materials

Date of Report: 7/26/2019

Site Address:
Sunset Motel
1401 South 2nd Avenue
Sheldon, IA

Site Contact:
Sam Kooiker
City Administrator
City of Sheldon
416 9th Street
Sheldon, IA 51201

Inspector:
Alloy Specialty
- Darwin D. Rohde
  18-0705 State of Iowa Asbestos Inspector, Management Planner

Site History: The structure was a former Sunset Motel structure. At the time of the inspection the building was un-occupied.

Inspection Time: 7/5/2019

Limitations: The inspector had access to all areas of the structure, but without heavy equipment or demolition equipment, the inspector could not gain access to areas that were out of the proposed scope of services, i.e. trenching, excavation, full-scale interior demolition, etc. The inspection team reviewed the building to the best of their professional ability.

Field Inspection: The inspector examined the entire scope of work. Suspect materials were collected throughout these locations.

No mechanical or construction prints were secured or provided during the inspection.

Quantifications of materials were completed in the field and no verification per architectural prints was done at the time of the issuance of this report. Asbestos containing building materials quantities should be verified prior to demolition to assure validity.

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Laboratory for Asbestos:

Environmental Testing Laboratories, Inc.
38900 Huron River Drive, Suite 200
Romulus, MI 48174
NVLAP 20108-0

Laboratory Method for Asbestos Identification

Polarized Light Microscopy is primarily used to identify asbestos in bulk samples of building materials. It forms the basis for the identification and classification of asbestos containing materials (ACM) such as thermal system insulation, spray applied plasters and coatings, floor tile, ceiling tile, construction adhesives, and caulks.

EPA Method 600/R-93/116. The analysis includes testing of bulk building materials for asbestos by performing a visual estimation using the EPA Method 600/R-93/116. This method is the most widely used method for estimating asbestos is bulk building materials and works well for most sample types. However, it might require the more detailed method of point counting for accurate estimation of asbestos in samples with low asbestos concentration. This method is also not applicable for samples containing large amounts of fine fibers below the resolution of the PLM (< 0.3 microns).

Samples:

A total of 53 suspect bulk asbestos samples were taken from various materials throughout the site. Materials sampled were:

- Interior Wall Systems
- Flooring Materials
- Ceiling Systems
- Mechanical Systems
- Exterior roofing Materials

Sampling Method

Alloy Specialty uses the method described in 40 CFR Part 763.86, Sampling (for asbestos) for collecting bulk asbestos samples. This method describes sampling for surfacing material, thermal system insulation, and miscellaneous material. 40 CFR Part 763.92(a) (1) and (2), and 40 CFR Part 763, Subpart. E, Appendix C also contain ancillary topics related to project management and planning that are suggested for bulk asbestos sampling.

The sampler or sampling team identifies areas with suspect materials to be sampled for asbestos. Materials that might be suspect for asbestos may include, but are not limited to, thermal system insulation, joint compound, roofing material, gaskets, floor coverings, decorative coatings, and wire insulation. The sampler uses a sampling tool appropriate for each kind of material and collects samples in airtight containers for subsequent laboratory analysis.

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Sampling Method (cont.)

The sampler always uses a clean tool to collect the sample, and special attention is paid to avoid creation of airborne asbestos. This method is intended to provide material to a laboratory where the fibers can be quantified and qualitatively identified as a specific type of asbestos or non-asbestiform fiber.

Sample location, study site, sample description, time, date and project identification number are recorded in the logbook, and pictures may be taken of the samples.

How many samples are required to be taken and analyzed?

No sampling is required if the inspector suspects that the materials are ACM and treats them as ACM. However, for a suspect material to be classified as non-ACM, a minimum number of samples must be collected and analyzed. The following summarizes the minimum number of samples for collection and analysis. A homogeneous material is a material that appears to be uniform when properties such as age, color, and texture are compared.

Thermal System Insulation (TSI)

Thermal System Insulation includes materials such as boiler insulation, pipe insulation, duct work insulation, furnace gaskets and vermiculite.

- At least three (3) samples from each homogeneous material of TSI.
- At least one (1) sample from patched TSI that is less than six square feet.
- For pipe fittings, in a manner sufficient to determine if the material is asbestos-containing.

Surfacing Material

Surfacing material includes materials such as spray-applied fireproofing, troweled-on plasters or ceiling textures.

- At least three samples from homogeneous materials of 1000 square feet or less;
- At least five samples from homogeneous materials of greater than 1000 square feet but less than 5000 square feet;
- At least seven samples from homogeneous materials of greater than 5000 square feet.

How many samples are required to be taken and analyzed? (cont.)

Miscellaneous Material and Non-friable Suspect ACM

Miscellaneous materials include all materials that are not TSI or Surfacing Materials, such as floor tile, ceiling tile and linoleum.

- For each homogeneous material, a sufficient number of samples are required to be collected and analyzed to determine if the material is ACM.
- Samples are not required to be collected from homogeneous materials that the certified inspector has determined to be non-asbestos-containing material, such as fiberglass or rubber.

Findings

The inspection at Sunset Motel, 1401 South 2nd Avenue, had identified **positive asbestos** containing materials.

- Cement Siding Panels
- Sheetrock Joint Compound
- Floor Tile
- Floor Tile
- Window Glazing
- Sheet Flooring

Regulatory Compliance Issues:

All facility renovation/demolitions require a submittal to the Iowa Department of Environmental Resources and Iowa's NESHAP Program. This two-page demolition notification form is submitted to the State of Iowa (even if no asbestos is identified).

A ten (10) day notification period is required prior to the start of any demolition or remediation activities. This notification must be filed with the State of Iowa. Each filed notification has associated fees based on either filing of the notification or based on the amount and type of materials addressed during the remediation.

The property **has** identified friable & non-friable materials. The identified materials must be removed prior to demolition, because of their composition. All materials must be removed in accordance to regulatory laws of the EPA, State of Iowa, and OSHA.

All disposal records must be documented. Documentation must be kept for thirty years

PHOTO 1:
Exterior overview of the Northern face of the Southern Units.

PHOTO 2:
Exterior overview of the East duplex's Southern elevation. Two units are now one.

PHOTO 3:
Exterior Southern elevation of the Northern row units. Formerly seven units now four units.

PHOTO 4:
Western garage with **asbestos containing transite** siding on the exterior.

PHOTO 5: Laundry room in the Southern row units. This **asbestos containing**, 9" x 9", resilient tile and black mastic are consistent throughout the units. Tile is under carpets, flooring and ceramic tiles.

PHOTO 6:
Interior of Unit #1, ceiling system. Non-asbestos ceiling tile with **asbestos containing** drywall materials (**asbestos** found in the joint compound).

PHOTO 7:
Overview of Northeastern units. The former two units were converted into one.

PHOTO 8:
North Central units. Many units were modified with kitchenettes added and many units combined.

PHOTO 9:
Unit 9, under carpet, **Asbestos Containing** Floor Tile and Mastic adhesive.

PHOTO 10:
Interior Unit #12, **asbestos containing** wall materials.

Attachment 1

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Identification Table for Asbestos Containing Materials

Sunset Motel
1401 South 2nd Avenue
Sheldon, IA

Material	*Location*	*Classification*	*Quantification*
Cement Siding Panels	Garage Siding	Non-friable, Category II	480 sq. ft.
Sheetrock Joint Compound	South Apartment Walls & Ceiling	Non-friable, Category II	6,270 sq. ft
Floor Tile	South Units	Non-Friable, Category I	1,340 sq. ft.
Floor Tile	North Units	Non-friable, Category I	864 sq. ft.
Window Glazing	South Unit Windows	Non-Friable, Category II	43 Windows
Sheet Flooring	***Laundry Unit***	***Friable***	***70 sq. ft.***
Sheet Flooring	***Office***	***Friable***	***85 sq. ft.***

Notes:

i. *Quantifications of materials were completed in the field and no verification per architectural prints was done at the time of the issuance of this report. Asbestos containing building materials quantities should be verified prior to renovation to assure validity.*

ii. *Materials in **red** are **friable** asbestos containing materials in this table.*

iii. *Abbreviations*
sq. ft. -- Square Feet *ln. ft. -- linear feet*
MF -- Mechanical Fittings *O.D. -- Outside Diameter*

iv. **State of Iowa's DNR NESHAP department has requested all asbestos containing resilient sheet flooring be classified as friable*

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Attachment 2

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Environmental Hazards Services, L.L.C.
7469 Whitepine Rd
Richmond, VA 23237
Telephone: 800.347.4010

Asbestos Bulk Analysis Report

Report Number: 19-07-01109

Client: Alloy Specialty, Inc
5850 Wenninghoff Road
Omaha, NE 68134

Received Date: 07/08/2019
Analyzed Date: 07/10/2019
Reported Date: 07/11/2019

Project/Test Address: 19033 1401 South 2nd Ave; Sheldon, IA

Client Number: 201400

Fax Number: 402-571-7900

Laboratory Results

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-07-01109-001A	1 Laun. Unit Entry Lin.	Linoleum	Green Vinyl; Beige Fibrous; Inhomogeneous	20% Chrysotile	20% Cellulose 60% Non-Fibrous
			Total Asbestos:	**20%**	
Chrysotile present in beige fibrous material.					
19-07-01109-001B	1 Laun. Unit Entry Lin.	Mastic	Black Adhesive; Homogeneous	NAD	100% Non-Fibrous
19-07-01109-002A	2 Laun. Unit Entry VTF & Mastic	Tile	Brown Vinyl; Homogeneous	3% Chrysotile	97% Non-Fibrous
			Total Asbestos:	**3%**	
19-07-01109-002B	2 Laun. Unit Entry VTF & Mastic	Mastic	Black Adhesive; Homogeneous	NAD	100% Non-Fibrous
19-07-01109-003	3 Laun. Unit Wall Joint Comp.		Off-White/Tan Granular; Brown Fibrous; Inhomogeneous	2% Chrysotile	30% Cellulose 68% Non-Fibrous
			Total Asbestos:	**2%**	
Chrysotile present in off-white and tan granunlar material.					

Client Number: 201400 **Report Number:** 19-07-01109

Project/Test Address: 19033 1401 South 2nd Ave; Sheldon, IA

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-07-01109-004	4 Laun. Unit Wall Joint Dw		White Chalky; Brown Fibrous; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous
19-07-01109-005A	5 Unit 1 Rm. Fl. Under Wood VTF& Mastic	Mastic I	Yellow Adhesive; Homogeneous	NAD	100% Non-Fibrous
19-07-01109-005B	5 Unit 1 Rm. Fl. Under Wood VTF& Mastic	Tile	Brown Vinyl; Homogeneous	3% Chrysotile	97% Non-Fibrous
			Total Asbestos:	**3%**	
19-07-01109-005C	5 Unit 1 Rm. Fl. Under Wood VTF& Mastic	Mastic II	Black Adhesive; Homogeneous	NAD	100% Non-Fibrous
19-07-01109-006A	6 Unit 1 RR VTF & Mastic	Flooring	Gray/White Vinyl; Homogeneous	NAD	100% Non-Fibrous
19-07-01109-006B	6 Unit 1 RR VTF & Mastic	Mastic	Clear Adhesive; Homogeneous	NAD	100% Non-Fibrous
19-07-01109-007	7 Unit 1 Ceil. CT		Brown Fibrous; White Paint-Like; Inhomogeneous	NAD	85% Cellulose 15% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 201400 **Report Number:** 19-07-01109

Project/Test Address: 19033 1401 South 2nd Ave; Sheldon, IA

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-07-01109-008	8 Unit 1 Ceil. Dw.		White Chalky; Brown Fibrous; Cream Granular; Paint-Like; Inhomogeneous	Trace <1% Chrysotile	20% Cellulose 80% Non-Fibrous
			Total Asbestos:	**Trace <1%**	
2% Chrysotile present in cream granular material.					
19-07-01109-009	9 Unit 1 Ceil. Ins.		Yellow Fibrous; Homogeneous	NAD	99% Fibrous Glass 1% Non-Fibrous
19-07-01109-010	10 Unit 2 RR Fl. Lino		Light Tan Vinyl; Beige Fibrous; Inhomogeneous	NAD	35% Cellulose 5% Fibrous Glass 60% Non-Fibrous
19-07-01109-011A	11 Unit 3 Fl. Lin	Linoleum	Cream Vinyl; Gray Fibrous; Inhomogeneous	NAD	35% Cellulose 5% Fibrous Glass 60% Non-Fibrous
19-07-01109-011B	11 Unit 3 Fl. Lin	Mastic	Yellow Adhesive; Homogeneous	NAD	100% Non-Fibrous
19-07-01109-012	12 Unit 3 Fl. CT2		Brown Fibrous; White Paint-Like; Inhomogeneous	NAD	85% Cellulose 15% Non-Fibrous
19-07-01109-013A	13 Unit 4 RR VFT & Mastic	Flooring	Green Vinyl; Homogeneous	NAD	100% Non-Fibrous

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Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-07-01109-013B	13 Unit 4 RR VFT & Mastic	Mastic	Clear Adhesive; Homogeneous	NAD	100% Non-Fibrous
19-07-01109-014	14 Unit 4 RR Win. Glazing		Tan Brittle; Homogeneous	2% Chrysotile	98% Non-Fibrous
			Total Asbestos:	**2%**	
19-07-01109-015A	15 Unit 5 RR Sheet	Other *	Cream Vinyl; Homogeneous	NAD	100% Non-Fibrous
*Flooring I					
19-07-01109-015B	15 Unit 5 RR Sheet	Mastic I	Clear Adhesive; Homogeneous	NAD	100% Non-Fibrous
19-07-01109-015C	15 Unit 5 RR Sheet	Other *	White Vinyl; Homogeneous	NAD	100% Non-Fibrous
*Flooring II					
19-07-01109-015D	15 Unit 5 RR Sheet	Mastic II	Clear Adhesive; Homogeneous	NAD	100% Non-Fibrous
19-07-01109-016	16 Unit 5 Kitch. Under Couting-Sink		Cream Pliable; Homogeneous	NAD	100% Non-Fibrous
19-07-01109-017A	17 Unit 6 Entry Sheet	Linoleum	White Vinyl; Beige Fibrous; Inhomogeneous	NAD	35% Cellulose 5% Fibrous Glass 60% Non-Fibrous

Client Number: 201400 **Report Number:** 19-07-01109

Project/Test Address: 19033 1401 South 2nd Ave; Sheldon, IA

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-07-01109-017B	17 Unit 6 Entry Sheet	Mastic	Yellow Adhesive; Homogeneous	NAD	100% Non-Fibrous
19-07-01109-018	18 Roof Unit 1-7 Top Shingle		Black Tar-Like; Fibrous; Aggregate; Inhomogeneous	NAD	30% Cellulose 70% Non-Fibrous
19-07-01109-019	19 Roof Unit 1-7 Tar Paper		Black Tar-Like; Fibrous; Inhomogeneous	NAD	65% Cellulose 35% Non-Fibrous
19-07-01109-020	20 E. Garg. Roof Top Shingle		Black Tar-Like; Fibrous; Off-White Aggregate; Inhomogeneous	NAD	30% Cellulose 70% Non-Fibrous
19-07-01109-021	21 E. Garg. Roof Btn Shingle		Black Tar-Like; Fibrous; Green Aggregate; Inhomogeneous	NAD	30% Cellulose 70% Non-Fibrous
19-07-01109-022	22 Unit 13/14 Roof Shingle		Black Tar-Like; Fibrous; White Aggregate; Inhomogeneous	NAD	20% Fibrous Glass 80% Non-Fibrous
19-07-01109-023	23 Unit 13/14 Roof Tar Paper		Black Tar-Like; Fibrous; Inhomogeneous	NAD	65% Cellulose 35% Non-Fibrous

Client Number: 201400 **Report Number:** 19-07-01109

Project/Test Address: 19033 1401 South 2nd Ave; Sheldon, IA

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-07-01109-024	24 Unit 14 Ceil. CT		Brown Fibrous; White Paint-Like; Inhomogeneous	NAD	85% Cellulose 15% Non-Fibrous
19-07-01109-025	25 Unit 14 Wall DW		White Chalky; Granular; Brown Fibrous; Yellow Paint-Like; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous
19-07-01109-026	26 Unit 14 Wall Jnt Comp.		White Brittle; Homogeneous	NAD	100% Non-Fibrous
19-07-01109-027A	27 Unit 13 RR Lin. & Paper	Flooring	Tan Vinyl; Homogeneous	NAD	100% Non-Fibrous
19-07-01109-027B	27 Unit 13 RR Lin. & Paper	Mastic	Black Adhesive; Homogeneous	NAD	100% Non-Fibrous
19-07-01109-027C	27 Unit 13 RR Lin. & Paper	Felt	Black Tar-Like; Fibrous; Inhomogeneous	NAD	65% Cellulose 35% Non-Fibrous
19-07-01109-028	28 Unit 13 Wind. Glazing		Off-White Brittle; Homogeneous	NAD	100% Non-Fibrous
19-07-01109-029	29 Unit 8-12 Roof Shingle		Black Tar-Like; Fibrous; Aggregate; Inhomogeneous	NAD	20% Fibrous Glass 80% Non-Fibrous

Client Number: 201400 **Report Number:** 19-07-01109

Project/Test Address: 19033 1401 South 2nd Ave; Sheldon, IA

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-07-01109-030	30 Unit 8-12 Roof Tar Paper		Black Tar-Like; Fibrous; Inhomogeneous	NAD	65% Cellulose 35% Non-Fibrous
19-07-01109-031A	31 Unit 12 Doorway VTF & Mastic	Mastic I	Yellow Adhesive; Homogeneous	NAD	100% Non-Fibrous
19-07-01109-031B	31 Unit 12 Doorway VTF & Mastic	Other *	Gray Brittle; Homogeneous	NAD	100% Non-Fibrous
*Brittle Material.					
19-07-01109-031C	31 Unit 12 Doorway VTF & Mastic	Mastic II	Black Adhesive; Homogeneous	NAD	100% Non-Fibrous
19-07-01109-032	32 Unit 12 Wall Plaster		Off-White/Beige Granular; White Brittle; Cream Paint-Like; Inhomogeneous	Trace <1% Chrysotile Trace <1% Trem/Actin*	100% Non-Fibrous
			Total Asbestos:	**Trace <1%**	
<1 *Tremolite/Actinolite Series Asbestos present in off-white granular material and 2% Chrysotile present in beige granular material.					
19-07-01109-033	33 Unit 12 Wall Dw.		White Chalky; Granular; Brown Fibrous; Cream Paint-Like; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous
19-07-01109-034	34 Unit 11 Ceil. Texture		White Granular; Paint-Like; Brown Fibrous; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 201400 **Report Number:** 19-07-01109

Project/Test Address: 19033 1401 South 2nd Ave; Sheldon, IA

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-07-01109-035	35 Unit 11 Ceil. Dw		White Chalky; Brown Fibrous; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous
19-07-01109-036	36 Unit 11 Ceil. Comp.		White Brittle; Homogeneous	NAD	100% Non-Fibrous
19-07-01109-037A	37 Unit 10 Fl. VFT & Mastic	Tile	Brown Vinyl; Homogeneous	3% Chrysotile	97% Non-Fibrous
			Total Asbestos:	**3%**	
19-07-01109-037B	37 Unit 10 Fl. VFT & Mastic	Mastic	Black Adhesive; Homogeneous	NAD	100% Non-Fibrous
19-07-01109-038	38 Unit 9 Kit. Lin.		Cream Vinyl; Homogeneous	NAD	5% Fibrous Glass 95% Non-Fibrous
19-07-01109-039	39 Unit 9 Wind. Glazing		Off-White Brittle; Homogeneous	NAD	100% Non-Fibrous
19-07-01109-040	40 Unit 8 Ceil. DW.		White Chalky; Brown Fibrous; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous
19-07-01109-041	41 Unit 8 Ceil. Ins.		Yellow Fibrous; Homogeneous	NAD	99% Fibrous Glass 1% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 201400 **Report Number:** 19-07-01109

Project/Test Address: 19033 1401 South 2nd Ave; Sheldon, IA

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-07-01109-042	42 West Garage Roof Shingle Top		Black Tar-Like; Fibrous; White Aggregate; Inhomogeneous	NAD	30% Cellulose 70% Non-Fibrous
19-07-01109-043	43 West Garag. Roof Shingle Btm.		Black Tar-Like; Fibrous; Green Aggregate; Inhomogeneous	NAD	30% Cellulose 70% Non-Fibrous
19-07-01109-044	44 West Garag. Sic. Transite		Gray Cementitious; White Paint-Like; Inhomogeneous	18% Chrysotile	82% Non-Fibrous
			Total Asbestos:	**18%**	
Chrysotile present in gray cementitious material.					
19-07-01109-045A	45 Off. Roof Shingle	Shingle I	Black Tar-Like; Fibrous; Green Aggregate; Inhomogeneous	NAD	20% Fibrous Glass 80% Non-Fibrous
19-07-01109-045B	45 Off. Roof Shingle	Shingle II	Black Tar-Like; Fibrous; Gray Aggregate; Inhomogeneous	NAD	20% Fibrous Glass 80% Non-Fibrous
19-07-01109-046	46 Off. Roof Tar Paper		Black Tar-Like; Fibrous; Inhomogeneous	NAD	65% Cellulose 35% Non-Fibrous
19-07-01109-047	47 Off.Entry Wall Jnt. Comp.		White/Cream Granular; Inhomogeneous	NAD	100% Non-Fibrous

Client Number: 201400 **Report Number:** 19-07-01109

Project/Test Address: 19033 1401 South 2nd Ave; Sheldon, IA

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-07-01109-048	48 Offi Entry Wall Dw. + Jnt.		White Chalky; Brown Fibrous; Cream/White Granular; Paint-Like; Inhomogeneous	NAD	3% Cellulose 97% Non-Fibrous
19-07-01109-049	49 Off. Kitc. Fl. Lin.		Tan Vinyl; Homogeneous	NAD	5% Fibrous Glass 95% Non-Fibrous
19-07-01109-050	50 Off. Kitc. Ceil. DW + Jnt.		White Chalky; Brown Fibrous; Cream/White Granular; Paint-Like; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous
19-07-01109-051A	51 Basm. + Stairs Lin.	Linoleum	Black/Brown/Tan Vinyl; Beige Fibrous; Inhomogeneous	20% Chrysotile	20% Cellulose 60% Non-Fibrous
			Total Asbestos:	**20%**	
Chrysotile present in beige fibrous material.					
19-07-01109-051B	51 Basm. + Stairs Lin.	Mastic	Tan Adhesive; Homogeneous	NAD	100% Non-Fibrous
19-07-01109-052	52 2nd Fl. Wall DW. + Jnt		White Chalky; Brown Fibrous; Cream/White Granular; Paint-Like; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous
19-07-01109-053	53 2nd Fl. Ceil. DW + Jnt.		White Chalky; Brown Fibrous; Cream/White Granular; Paint-Like; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 201400 **Report Number:** 19-07-01109

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Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials

QC Sample: 39-M12015-1

QC Blank: SRM 1866 Fiberglass

Reporting Limit: 1% Asbestos

Method: EPA Method 600/R-93/116, EPA Method 600/M4-82-020

Analyst: Araceli Enzler

Reviewed By Authorized Signatory: Tasha Eaddy

Tasha Eaddy
QA/QC Clerk

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Each distinct component in an inhomogeneous sample was analyzed separately and reported as a composite. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of the Environmental Hazards Service, L.L.C. California Certification #2319 NY ELAP #11714 NVLAP #101882-0 VELAP 460172. All information concerning sampling location, date, and time can be found on Chain-of-Custody. Environmental Hazards Services, L.L.C. does not perform any sample collection.

Environmental Hazards Services, L.L.C. recommends reanalysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), (for enhanced detection capabilities) for materials regulated by EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

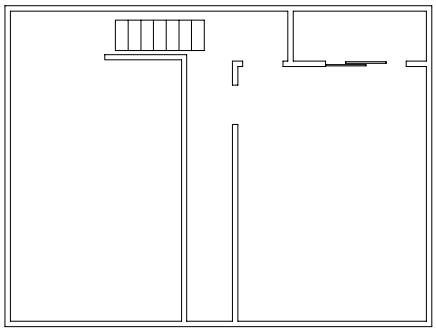
400 Point Count Analysis, where noted, performed per EPA Method 600/R-93/116 with a Reporting Limit of 0.25%.

* All California samples analyzed by Polarized Light Microscopy, EPA Method 600/M4-82-020, Dec. 1982.

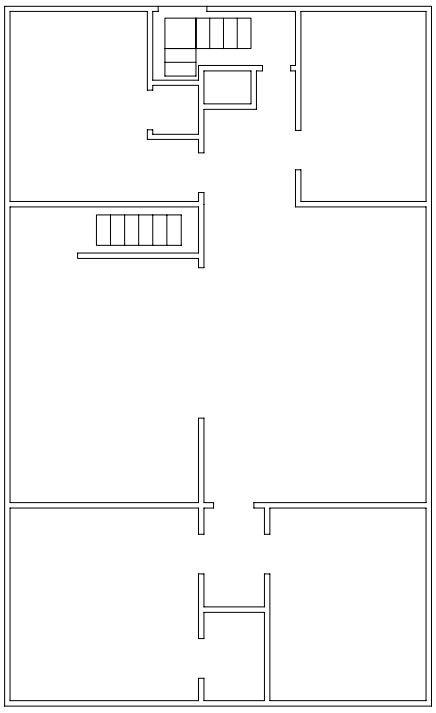
LEGEND: NAD = no asbestos detected

Attachment 3

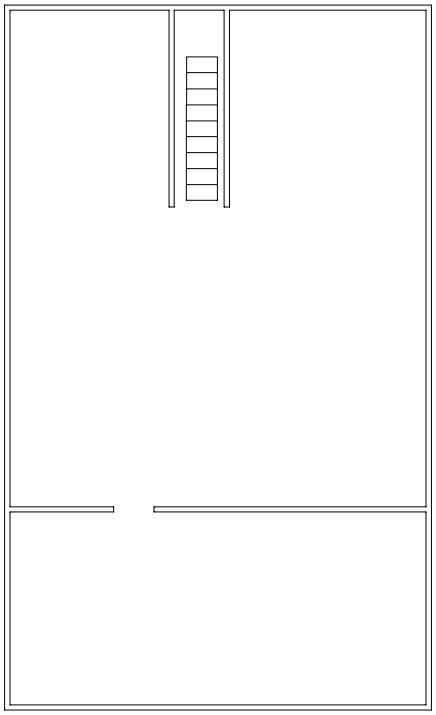
ALLOY SPECIALTY



Second Level



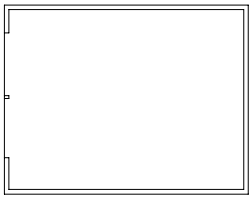
Ground Floor

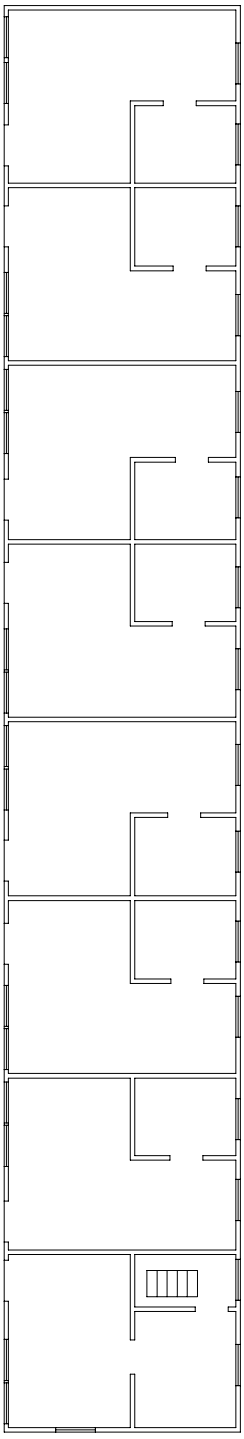


Basement

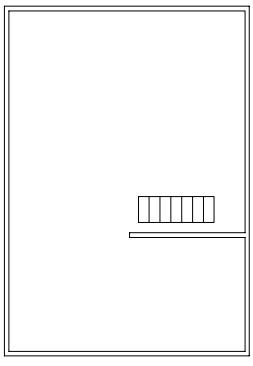
TITLE Sunset Motel 1401 South Second Street Sheldon, Iowa	SHEET Site Orientation -- Office	PROJECT NO. 19033	ALLOY SPECIALTY
	DWG NO 1	SCALE None	

Garage





Ground Level Units



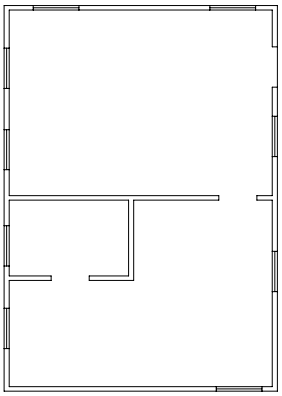
Basement

TITLE Sunset Motel 1401 South Second Street Sheldon, Iowa	SHEET Site Orientation -- South Units	PROJECT NO. 19033
	DWG NO 2	SCALE None

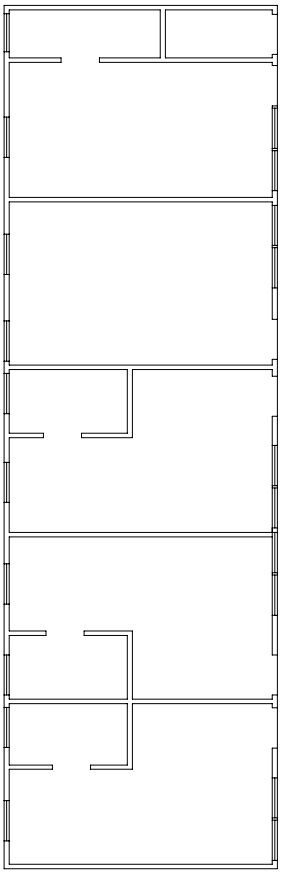
ALLOY SPECIALTY

North

North East Units

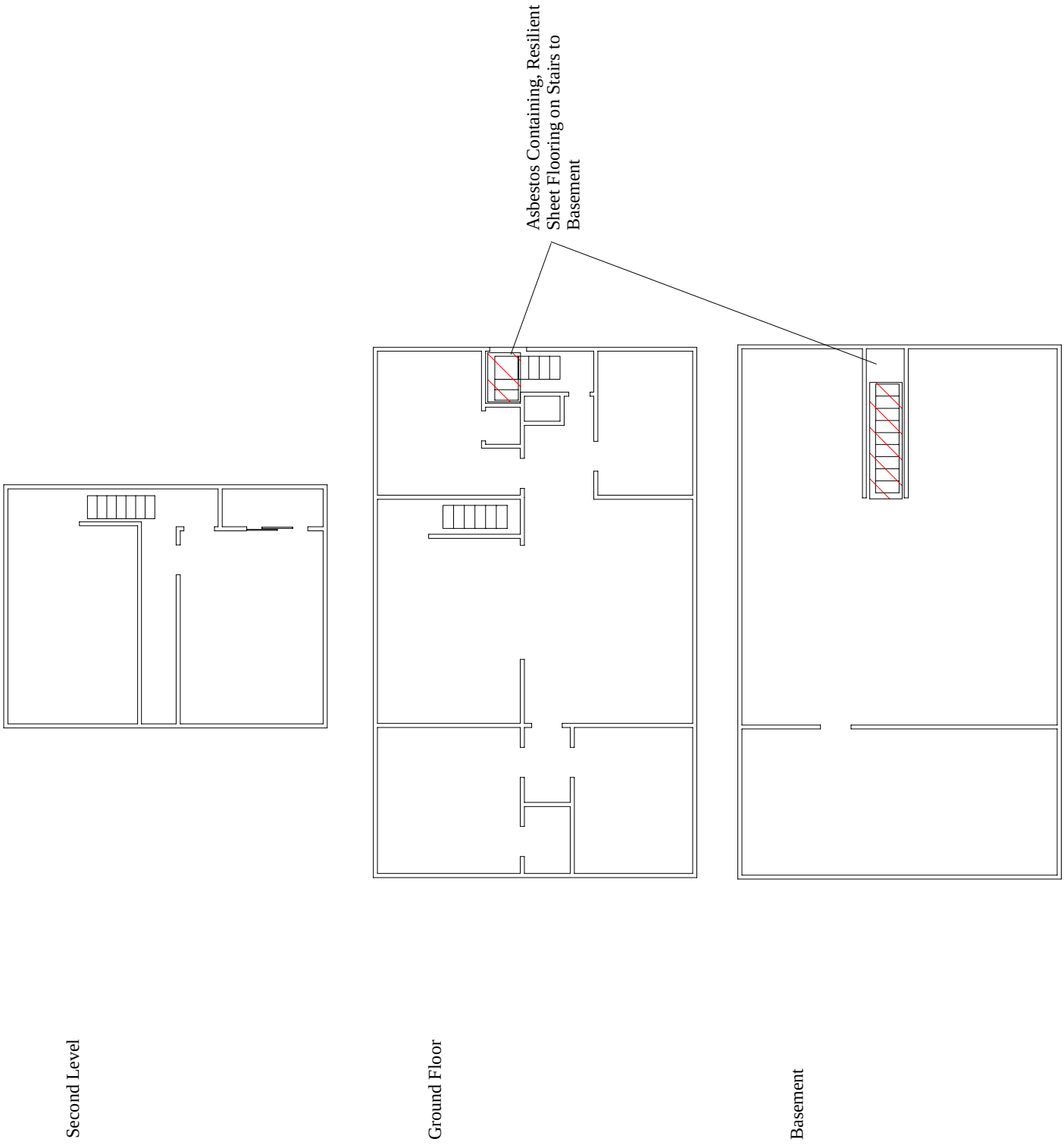


North Central Units

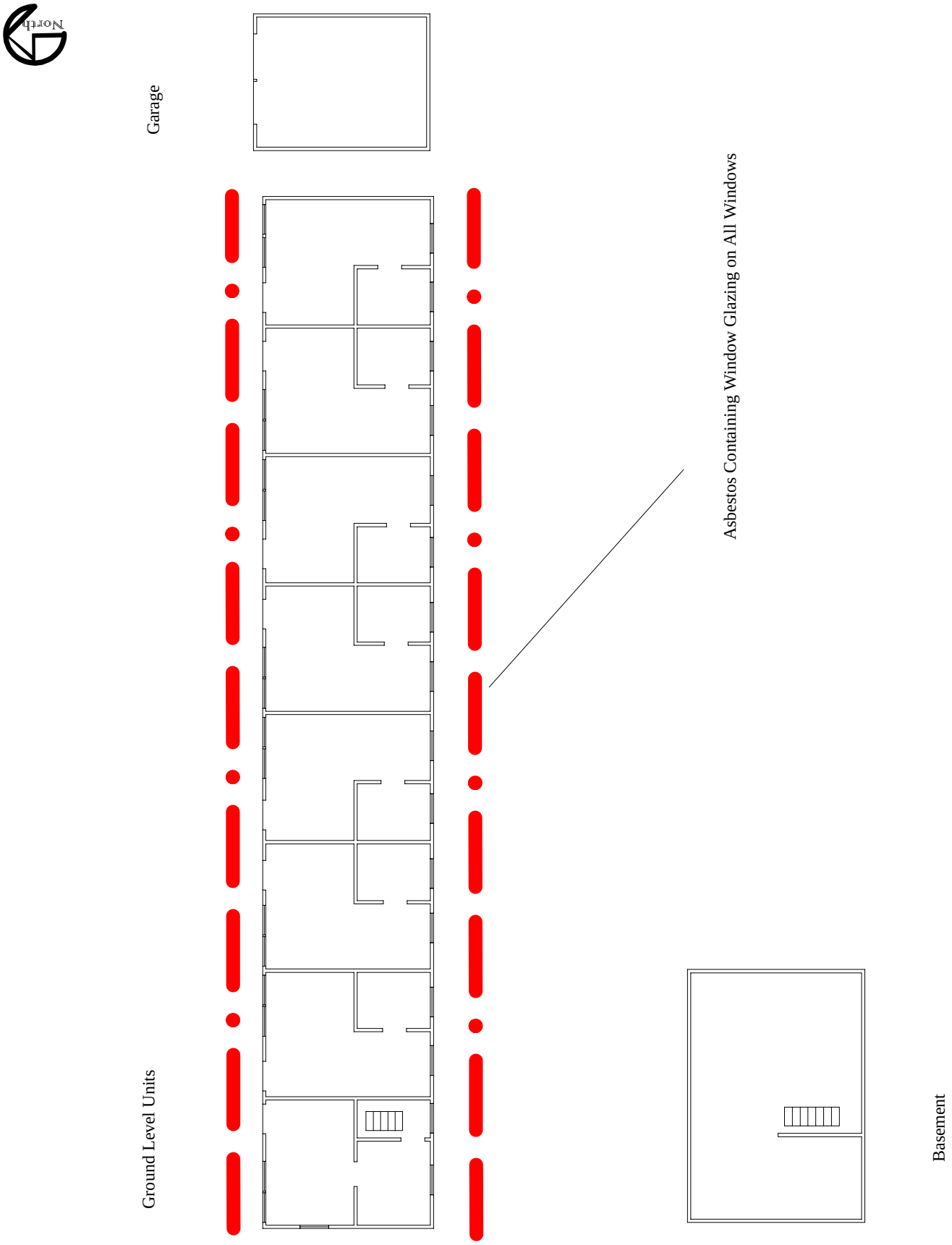


Garage

TITLE Sunset Motel 1401 South Second Street Sheldon, Iowa	SHEET Site Orientation -- North Units	PROJECT NO. 19033	ALLOY SPECIALTY
	DWG NO 3	SCALE None	



TITLE Sunset Motel 1401 South Second Street Sheldon, Iowa	SHEET Asbestos Materials Office	PROJECT NO. 19033	ALLOY SPECIALTY
	DWG NO 4	SCALE None	



TITLE Sunset Motel 1401 South Second Street Sheldon, Iowa	SHEET Asbestos Materials Exterior -- South Units	PROJECT NO. 19033	ALLOY SPECIALTY
	DWG NO 5	SCALE None	

North

Garage

Asbestos Containing Drywall
Joint Compound on Walls and Ceilings

Ground Level Units

Basement

TITLE Sunset Motel 1401 South Second Street Sheldon, Iowa	SHEET Asbestos Materials Interior -- South Units	PROJECT NO. 19033	ALLOY SPECIALTY
	DWG NO 6	SCALE None	

North

Garage

Asbestos Containing Resilient
Floor Tile Under Linoleum, Carpet
or Faux Wood Flooring

Ground Level Units

Basement

TITLE Sunset Motel 1401 South Second Street Sheldon, Iowa	SHEET Asbestos Materials Interior -- South Units	PROJECT NO. 19033	ALLOY SPECIALTY
	DWG NO 7	SCALE None	

North

North East Units

North Central Units

Asbestos Containing Siding Panels
aka Transite

Garage

North Units

TITLE Sunset Motel 1401 South Second Street Sheldon, Iowa	SHEET Asbestos Materials Exterior North Units	PROJECT NO. 19033	ALLOY SPECIALTY
	DWG NO 9	SCALE None	

North

North Units

North East Units

North Central Units

Asbestos Containing Floor Tiles
Under Carpet

Garage

TITLE Sunset Motel 1401 South Second Street Sheldon, Iowa	SHEET Asbestos Materials Exterior North Units	PROJECT NO. 19033	ALLOY SPECIALTY
	DWG NO 10	SCALE None	