

**PHASE II ENVIRONMENTAL SITE ASSESSMENT
FOR
CROWLEY BUILDING
311 WEST MAIN STREET
LEWISTOWN, FERGUS COUNTY, MONTANA**

Prepared for:

U.S. ENVIRONMENTAL PROTECTION AGENCY
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LIST OF ACRONYMS

ACM	asbestos-containing material
AHERA	Asbestos Hazard Emergency Response Act
ASTM	ASTM International
COC	contaminant of concern
EPA	United States Environmental Protection Agency
ESA	Environmental Site Assessment
HA	homogeneous area
HUD	United States Department of Housing and Urban Development
LBP	lead-based paint
LF	linear feet
mg/cm ²	milligrams per square centimeter
MT	Montana
PCB	polychlorinated biphenyl
P.E.	Professional Engineer
P.G.	Professional Geologist
PLM	Polarized Light Microscopy
QA	Quality Assurance
QC	Quality Control
RACM	regulated asbestos-containing material
SAP	Sampling and Analysis Plan
SMDC	Snowy Mountain Development Corporation
sq. ft.	square feet
START	Superfund Technical Assessment and Response Team
SOO	Statement of Objectives
TBA	Targeted Brownfields Assessment
TCLP	Toxicity Characteristic Leaching Procedure
TDD	Technical Direction Document
TSI	Thermal System Insulation
WESTON	Weston Solutions, Inc.
XRF	X-ray fluorescence

SUMMARY

The United States Environmental Protection Agency (EPA) tasked the Weston Solutions, Inc. (WESTON) Superfund Technical Assessment and Response Team (START) to assist the EPA in conducting a Phase II Environmental Site Assessment (ESA) for the Crowley Building at 311 West Main Street located in Lewistown, Fergus County, Montana (MT) (Site - Figure 1).

SCOPE OF WORK

This Phase II ESA was conducted in accordance with Technical Direction Document (TDD) 0003/1705-13 and ASTM International (ASTM) E1903-11 – Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process. The purpose of a Phase II ESA is to achieve the objectives set forth in the Statement of Objectives (SOO) developed by the EPA, user(s), and the Phase II Assessor. Goals for this Phase II ESA were to acquire and evaluate sufficient information to determine the location and concentration of potential environmental contamination at the Site, if present. The specific SOO for this Phase II ESA were as follows:

- Assess and evaluate suspected contaminants that may be present at the Site. Develop sufficient information to reasonably render a professional opinion that, with respect to the potential concerns assessed, hazardous substances either are or are not are present at the property, including the concentrations of the substances if present; and
- Gather and provide sufficient data to assist the Targeted Brownfield Assessment (TBA) recipient to make informed decisions with regard to the future use of the property.

SITE BACKGROUND

The Site is located at 311 West Main Street in Lewistown, Montana and part of a block of row buildings in downtown Lewistown. The building was constructed in 1913 and has been used by various businesses and commercial space. The current owner purchased the property in the 1990's and remodeled the main floor to accommodate multiple businesses or office spaces. The basement and upper floors have not been remodeled.

SUMMARY OF RESULTS AND CONCLUSIONS

Phase II assessment fieldwork was conducted on July 10th and 11th, 2017. Results of the Phase II ESA have confirmed the presence of contaminants of concern (COCs) at the Site. The following list is a summary of the results and conclusions regarding COCs and associated media identified by START at the Site:

Asbestos-Containing Material (ACM)

Of the 59 samples submitted for laboratory analysis, ten samples were determined to be “positive” (>1% asbestos) for asbestos. The following tables indicate the locations and estimated extent of

ACM identified at the Site as part of this Phase II ESA. See Sections 5.1 and 6.1 of this report for a more detailed breakdown.

ACM Material	Estimated Volume / Extent	Location	Condition
Drywall	3,990 sq. ft.	Basement	Good
	8,500 sq. ft.	First Floor (6,300 sq. ft.)	Good
		First Floor Balcony (2,200 sq. ft.)	Good
Floor Tile	3,600 sq. ft.	Basement	Good
	6,805 sq. ft.	First Floor (6,322 sq. ft.) (under carpet as well)	Good
		First Floor Balcony (483 sq. ft.)	Good

Notes:
sq. ft. = square feet

Based on the results of the ACM survey, asbestos is present in the buildings. ACM is considered a COC in relation to the Site.

Lead-Based Paint (LBP)

Based on the X-ray fluorescence (XRF) results, elevated lead concentrations are present on walls, ceilings, posts, and baseboards in the building. The following table lists the location, current surface paint color, and estimated extent of LBP present at the Site.

Location	Current Surface Paint Color	Estimated Extent
Basement		
Posts	White	377 sq. ft.
First Floor		
Ceiling	White	6,322 sq. ft.
Second Floor		
Baseboard	White	664 sq. ft.
Half-Wall (4 foot height)	Green, Cream, Blue	1,104 sq. ft.
Full Wall (12 foot height)	Green, Cream, Blue, Brown, Pink	3,768 sq. ft.
Third Floor		
Baseboard	Yellow	415 sq. ft.
Half-Wall (4 foot height)	Green, Cream, Coral, Red	472 sq. ft.

Notes:
sq. ft. = square feet

Since there were no positive XRF readings (≥ 1 milligrams per centimeter squared [mg/cm^2]) on the exterior or bare soils present, lead impacts to surface soil or the environment are not applicable to the Site. However, interior LBP is considered a COC at the Site.

Polychlorinated biphenyls (PCBs), Mercury, and Mold: A summary of the observations regarding the visual inspections conducted are presented below:

- Of the light ballasts observed, no PCB ballasts were encountered. PCBs are not considered COCs in relation to the Site.
- Nine mercury thermostat containing switches/thermostats were observed in the building. Mercury is considered a COC in relation to the Site.
- Small spots of mold and areas with mildew staining were observed in the basement, however no large areas were encountered at the Site. Mold is considered a COC in relation to the Site.

RECOMMENDATIONS

Based on the results of the environmental assessment, START recommends the following:

- START recommends contracting an accredited asbestos remediation company to determine appropriate remedial actions to address the ACM at the Site during the cleanup phase of redevelopment (e.g., abatement, encapsulation, etc.). ACM remediation is recommended prior to any renovation or demolition activities at the Site.
- START recommends contracting an accredited lead remediation company to determine appropriate remedial actions to address the LBP at the Site during the cleanup phase of redevelopment and to assess disposal requirements for LBP at the Site (e.g., encapsulation, chemical stripping, removal, etc.). Dust control methods should be implemented for the debris. All work performed should be done so by an EPA Lead-Safe certified firm. If LBP construction materials are to be removed, it is recommended that the construction debris disposal facility be contacted to determine if Toxicity Characteristic Leaching Procedure (TCLP) samples will be required.
- Mercury-containing equipment should be properly removed during renovation.
- Mold/mildew should be removed during renovation.

This summary is intended to be a general description of the scope of work, results, conclusions, and recommendations identified based on the Phase II ESA of the Site; however, this section is not intended to be a “stand alone” document or to include the basis of all conclusions presented. The report should be read and used in its entirety. Information included in this section is subject to the scope of services and limitations noted in the original TDD and in this complete report.

1.0 INTRODUCTION

1.1 SCOPE OF WORK AND PURPOSE

The Weston Solutions, Inc. (WESTON) Superfund Technical Assessment and Response Team (START) conducted a Phase II Environmental Site Assessment (ESA) for the Crowley Building located at 311 West Main Street, Lewistown, Montana (MT) (Site - Figure 1). The ESA was conducted in accordance with Technical Direction Document (TDD) 0003/1705-13 and ASTM International (ASTM) E1903-11 – Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process. The purpose of a Phase II ESA is to acquire and evaluate information sufficient to achieve the objectives set forth in the Statement of Objectives (SOO) developed by the user(s) and the Phase II Assessor. The scope of a Phase II ESA is related to the activities agreed upon to meet the objectives of the investigation as defined in the SOO that are subject to ongoing evaluation and refinement as the assessment progresses. The SOO developed for this Site is presented in Section 1.2.

This Phase II ESA report contains the results of the data collection activities and associated quality assurance (QA)/quality control (QC) measures conducted specific to the Site. Information used to conduct this Phase II ESA was based upon reasonably ascertainable, visually and physically observable conditions, and included testing or sampling of materials. The structure of this report is based on the ASTM E1903-11 standard.

1.2 STATEMENT OF OBJECTIVES

The objectives were developed by the Snowy Mountain Development Corporation (SMDC) (user), START (Phase II Assessor), and the United States Environmental Protection Agency (EPA). The objectives were developed to obtain sound, scientifically valid data concerning actual property conditions at the Site with respect to the presence or the likely presence of target analytes/substances including, but not limited to, those within the scope of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The SOO for the Site were determined during the project-scoping meeting held on May 31st, 2017. The Phase II ESA objectives determined for the Site were as follows:

- Assess and evaluate suspected contaminants that may be present at the Site. Develop sufficient information to reasonably render a professional opinion that, with respect to the potential concerns assessed, hazardous substances either are or are not are present at the property, including the concentrations of the substances if present; and
- Gather and provide sufficient data to assist the Targeted Brownfield Assessment (TBA) recipient to make informed decisions with regard to the future use of the property.

2.0 SUMMARY OF BACKGROUND INFORMATION

The Site is located at 311 W. Main Street in Lewistown, Montana and has residences, churches, a library, and civic center (which was the old school gymnasium at one time) on adjacent properties. The TBA recipient is currently planning to purchase the building to allow redevelopment and transfer to the local community as a community space (theater or community center). Prior to purchase of the building, an assessment of the property is needed to determine the extent of contamination, if any, present.

2.1 PROPERTY DESCRIPTION, LOCATION, AND HISTORY

The building was constructed in 1913 and has been used by various businesses and commercial space. The current owner purchased the property in the 1990's and remodeled the main floor to accommodate multiple businesses or office spaces. The basement and upper floors have not been remodeled.

2.2 PREVIOUS ENVIRONMENTAL REPORTS AND RECORDS

Previous environmental reports and/or records, if available, were obtained by START from various sources, including local agencies, and reviewed for information relating to the Site. A summary of records obtained is provided in the following table.

Document: Phase I ESA for Crowley Building Lewistown – 311 W. Main St, Lewistown, Fergus County, Montana (WESTON, 2017a) Prepared for: EPA and SMDC Prepared by: START Date: July 2017 Report Source: START	Document Summary: This Phase I ESA lists non-scope considerations including ACM, LBP, mercury thermostat switches, and mold. Information Relating to the Subject Property: Historic records indicate that the subject property was constructed in 1913 With main floor renovations in the 1990s.
Document: TBA Application Prepared for: EPA Prepared by: Snowy Mountain Development Corporation Date: Unknown Report Source: EPA	Document Summary: The application gives brief summary of subject property background information and environmental conditions at the subject property (including potential contaminants). The application also provides contact names(s) and phone numbers for stakeholders, and potential redevelopment foundation. Information Relating to the Subject Property: Information provided by the TBA recipient as part of the application included previous background information and environmental reports.

3.0 DESCRIPTION OF WORK PERFORMED AND RATIONALE

This section summarizes the work performed and rationale for the work conducted to meet the SOO developed for the investigation as documented in the approved Sampling and Analysis Plan (SAP) for the Site (WESTON, 2017b). Deviations from the approved SAP for this Phase II ESA are presented in Section 3.4.

Based upon the SOO developed for the Site, a building inspection was conducted as part of this Phase II ESA. The investigation included visual inspection, field screening, and/or sample collection for laboratory analysis. Details of the individual media investigations along with rationale are presented below. Photographs of field activities are included in the Photograph Log presented in Appendix A. The Phase II fieldwork was conducted on July 10th and 11th, 2017.

3.1 ASBESTOS-CONTAINING MATERIAL

This Phase II ESA involved an ACM survey, including the collection of bulk asbestos samples, to determine the extent of ACM. The survey was conducted by Montana Accredited Asbestos Building Inspector: Mr. Elliott Petri. Visual inspections were conducted on areas of the structures where an individual performing demolition or renovation operations may encounter regulated asbestos-containing material (RACM). Sample locations and the total number of samples were based on Asbestos Hazard Emergency Response Act (AHERA) standards (EPA, 1985) and/or the best professional judgment of the inspector. Each potential RACM location was touched to determine if it was friable. Bulk samples were collected of all suspect friable and non-friable RACM and submitted to an asbestos-certified laboratory for analysis.

3.2 LEAD-BASED PAINT

Due to the age of the buildings at the Site, this Phase II ESA involved a LBP survey by MT Certified LBP Inspector: Mr. Elliott Petri. To conduct the LBP survey, an X-ray fluorescence (XRF) instrument was used on painted surface locations to determine if materials were positive for lead (≥ 1 milligram per square centimeter [mg/cm^2]). Visual inspections were conducted on areas of the building and XRF readings were collected based upon the best professional judgment of the inspector.

3.3 VISUAL INSPECTIONS

Due to the age of the buildings, visual inspections were conducted for PCB ballasts/transformers, mercury thermostats, and mold. The visual inspection included presence/non-presence determination of the hazards. Quantity and location information was documented where possible, but no samples were collected.

3.4 DEVIATIONS FROM THE SAMPLING AND ANALYSIS PLAN

Due to the ongoing evaluation and refinement of the SOO, changes can occur to the approved SAP based upon site conditions encountered. Listed below are the deviations from the approved SAP during this Phase II ESA:

- No deviations from SAP.

4.0 DESCRIPTION OF METHODS USED

4.1 ASBESTOS-CONTAINING MATERIAL

Asbestos Bulk Sampling

Personnel performing the sampling wore personal protective equipment (PPE) appropriate to the hazard(s) presented and included gloves, Tyvek, booties, hard hats, and/or high-efficiency particulate air (HEPA) respiratory protection. Asbestos bulk samples were randomly collected using the grid system described in the EPA publication “*Asbestos in Buildings – Simplified Sampling Scheme for Friable Surfacing Materials*” (EPA, 1985). The following general sampling guidelines were followed during the inspection, as applicable:

- In areas where homogeneous suspected RACM (surfacing) was less than 1,000 square feet (sq. ft.), three randomly collected bulk samples were collected from each area;
- In areas where homogeneous suspected RACM (surfacing) was at least 1,000 sq. ft. but less than 5,000 sq. ft., five randomly collected bulk samples were collected from each area;
- In areas where homogeneous suspect RACM (surfacing) was at least 5,000 sq. ft., seven randomly selected bulk samples were collected from each area;
- At least one sample was taken from pipe fittings;
- Three samples were taken from thermal systems insulation (TSI); and
- For miscellaneous materials, a minimum of one bulk sample was collected for each type.

Quality Assurance (QA)/Quality Control (QC)

Side-by-side field duplicate samples were collected at the frequency of one per 20 bulk samples. Based on the laboratory results, no discrepancies were reported and all results are considered acceptable.

Laboratory Analytical Methods

Samples collected were sent to Reservoirs Environmental Inc. in Denver, CO for polarized light microscopy (PLM) analysis by Method EPA 600/R-93/116 to determine a visual estimation of asbestos content and, if applicable, Method EPA 600/R-93/116 (400 Point Count).

4.2 LEAD-BASED PAINT

XRF Readings

XRF in-situ readings were collected using an Innov-X Alpha Series™ handheld XRF instrument to analyze painted and coated surfaces (interior and exterior) for lead during this Phase II ESA. XRF readings of walls, windows, and other painted surfaces in each room equivalent were collected. Room equivalents include painted or coated surfaces that are not considered separate

rooms such as hallways and closets. A representative number of sample readings were collected from a subset of rooms considered by the certified LBP inspector to be of like coated surfaces.

In general, locations where the paint appeared to be thickest were selected for XRF analysis. Locations where paint was worn away or scraped off were avoided. Areas over pipes, electrical surfaces, nails, and other possible interferences were also avoided. The XRF probe faceplate was allowed to lie flat against the surface of the test location to obtain a quality reading.

QA/QC

The following QA/QC activities were conducted as part of this investigation:

- XRF Standardization Readings – XRF standardization readings were collected prior to use, every four hours during use (as applicable), and following use to verify accuracy.

No other QA/QC activities or sample types were required based upon the assessment techniques and sample collection methods. Based on the results of the standardization readings, all results reported are considered acceptable. Results of the QA/QC activities are presented in Table 4.

Laboratory Analytical Methods

Due to no “inconclusive” readings by the XRF instrument, paint chip samples were not collected for laboratory analysis.

4.3 PCBS, MERCURY, AND MOLD

Visual Inspections

Visual inspections were conducted for presence/non-presence of mercury thermostats, PCB ballasts, and mold. Suspect hazards encountered, if any, were documented in field notes and/or photographed.

5.0 PRESENTATION OF INFORMATION AND DATA ACQUIRED

5.1 ASBESTOS-CONTAINING MATERIAL

A total of 59 bulk samples were collected from the building and submitted for PLM analysis. Of the samples collected, the following number of samples were collected of each bulk material.

Bulk Material	Number of Samples Collected
Drywall	15
Plaster	14
Floor Tile	2
Linoleum	27
Insulation	1

In addition, the following assumptions and items of note were observed during the ACM survey:

- When appropriate, samples were collected from areas of the building material already damaged or disturbed.
- Drywall samples included sheetrock, compound, and/or texture components.
- Floors were either concrete or hardwood under the linoleum or floor tile.
- The roof was inaccessible. And the exterior of the building was comprised of brick.

5.2 LEAD-BASED PAINT

A total of 156 XRF readings were taken from building. The following number of readings were collected from each area:

Location	Readings Count
Basement	17
First Floor	31
Second Floor	55
Third Floor	53

5.3 PCBS, MERCURY, AND MOLD

The following observations were made during the visual inspections:

- Light fixtures in the basement and the first floor were primarily fluorescent fixtures. The accessible fixtures were checked and “no-PCBs” labels were found.

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- Two mercury switches were observed in the basement boiler room and seven thermostats were found on the first floor with mercury switches.
- Small spots of potential mold and areas with mildew staining were observed in the basement, however no large areas were found.

6.0 EVALUATION AND INTERPRETATION OF INFORMATION, DATA, AND RESULTS

The evaluation and interpretation of the information, data, and results for the Phase II ESA are presented below. This section summarizes the field screening data and laboratory results obtained to identify the location and extent of contamination. Benchmarks used for comparison are listed below:

ACM

- **Asbestos-Containing Materials in Schools Rule (40 Code of Federal Regulations [CFR] Part 763, Subpart E) - ACM** is defined as any material containing more than one percent (1%) asbestos.

LBP

- **U.S. Department of Housing and Urban Development (HUD) Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing (2012 Edition) - The HUD benchmark for lead-based paint is greater than or equal to 1.0 milligrams per centimeter square ($\geq 1.0 \text{ mg/cm}^2$).**

The locations of samples and extent of hazardous building materials exceeding benchmarks are depicted on Figures 3 through 10. Field readings and laboratory results for the samples collected are summarized in Tables 1 through 4. Photographs of the field activities conducted are presented in Appendix A. Copies of the laboratory reports are presented in Appendix B.

6.1 ASBESTOS-CONTAINING MATERIAL

Of the 59 bulk samples submitted for laboratory analysis, twelve samples were reported as “positive” ($>1\%$ asbestos) or trace ($<1\%$ asbestos) for asbestos. Asbestos results ranged from trace to 12% total asbestos. Of the twelve samples, two were reanalyzed by point count analysis. Both samples (CBL-PL02-06 and CBL-PL02-32) were point counted below one and are not considered ACM. In all, ten confirmed ACM samples were collected at the Site. The following table indicates the type, condition, and number of samples identified as ACM.

Identified ACM	Condition	Number of ACM Samples
Drywall	Friable	8
Floor Tile	Non-Friable	2

ACM sample collection locations and approximate extent of ACM are presented on Figures 3 – 5. The confirmed ACM sample(s), the asbestos-containing layer(s), and the estimated volume of ACM material is presented in Table 1. Samples point counted below one and not considered ACM

are presented in Table 2. A list of the samples collected that were reported as non-detect for asbestos is presented in Table 3.

Interpretation of Results

Drywall compound was confirmed to be ACM on the basement, first floor, and first floor balcony walls and ceilings. Additionally, the 8" x 8" floor tiles in the basement and the 12" x 12" floor tiles throughout the first floor were confirmed to be ACM.

Based on the laboratory results reported for the ten confirmed ACM samples, asbestos is present at the Site. ACM is considered a contaminant of concern (COC) in relation to the Site. The following table indicates the location and estimated extent of ACM identified at the Site.

ACM Material	Estimated Volume / Extent	Location	Condition
Drywall	3,990 sq. ft.	Basement	Good
	8,500 sq. ft.	First Floor (6,300 sq. ft.)	Good
		First Floor Balcony (2,200 sq. ft.)	Good
Floor Tile	3,600 sq. ft.	Basement	Good
	6,805 sq. ft.	First Floor (6,322 sq. ft.) (under carpet as well)	Good
		First Floor Balcony (483 sq. ft.)	Good

Notes:
sq. ft. = square feet

6.2 LEAD-BASED PAINT

Of the 156 XRF readings taken from the building section, 36 readings were positive for LBP contamination (≥ 1 mg/cm²). The following table indicates the location, current surface paint color, and percent lead for LBP identified at the Site.

Location (# of Positive Readings)	Current Surface Paint Color	% LBP (\pm Error)
Basement		
Painted Poles (3)	White	5 mg/cm ² (\pm 0.83 to 1.33)
First Floor		
Ceiling (Tin Ceiling) (2)	White	1 mg/cm ² (\pm 0.02) and 5 mg/cm ² (\pm 1.98)
Window Frame (2)	White	1.3 mg/cm ² (\pm 0.15)
	Cream	1.42 mg/cm ² (\pm 0.19)

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Location (# of Positive Readings)	Current Surface Paint Color	% LBP (\pm Error)
Wall (1)	Cream	1.08 mg/cm ² (\pm 0.27)
Second Floor		
Baseboard (2)	White	1.33 mg/cm ² (\pm 0.14) to 5 mg/cm ² (\pm 0.69)
Wall (14)	White	1 mg/cm ² (\pm 0.03 to 0.08) to 5 mg/cm ² (\pm 0.69)
	Pink	1 mg/cm ² (\pm 0.07)
	Green	1 mg/cm ² (\pm 0.05 to 0.13)
	Blue	1 mg/cm ² (\pm 0.05)
	Brown	1 mg/cm ² (\pm 0.11)
Third Floor		
Baseboard (2)	Yellow	1.3 mg/cm ² (\pm 0.1) to 3.6 mg/cm ² (\pm 0.28)
Wall (10)	Pink	1 mg/cm ² (\pm 0.08)
	Green	1 mg/cm ² (\pm 0.07 to 0.12)
	Cream	1 mg/cm ² (\pm 0.15)
	Brown	1 mg/cm ² (\pm 0.16)
	Red	1 mg/cm ² (\pm 0.07)

A complete list of LBP readings is presented in Table 4. The location and approximate extent of LBP identified is presented on Figures 6 through 10.

Interpretation of Results

Based on the XRF results, elevated lead concentrations are present on the walls of the building. The following table lists the location, current surface paint color, and estimated extent of LBP present at the Site. Since there was no paint found on the exterior of the building, lead impacts to surface soil or the environment are not a COC at the site. However, interior LBP is considered a COC at the Site.

Location	Current Surface Paint Color	Estimated Extent
Basement		
Posts	White	377 sq. ft
First Floor		

Location	Current Surface Paint Color	Estimated Extent
Ceiling	White	6,322 sq. ft.
Second Floor		
Baseboard	White	664 sq. ft.
Half-Wall (4 foot height)	Green, Cream, Blue	1,104 sq. ft.
Full Wall (12 foot height)	Green, Cream, Blue, Brown, Pink	3,768 sq. ft.
Third Floor		
Baseboard	Yellow	415 sq. ft.
Half-Wall (4 foot height)	Green, Cream, Coral, Red	472 sq. ft.

Notes:
sq. ft. = square feet

6.3 PCBS, MERCURY, AND MOLD

The following additional items were noted:

- Of the light ballasts observed, no PCB-containing ballasts were identified in the building. None of the light fixtures observed in the building appeared to be leaking fluids.
- A total of nine mercury-containing devices were observed in the building.
- Mildew and minor spots of potential mold were encountered at the Site.

Interpretation of Results

- Based on the visual inspection, PCBs are not considered a COC at the Site.
- Based on the visual inspection, mercury is considered a COC at the Site.
- Based on the visual inspection, mold is considered a COC at the Site.

6.4 CONCEPTUAL SITE MODEL

Per ASTM E1903-11 (Section 6.4.6), validation of the conceptual site model is conducted by evaluating testing results and other investigation findings to determine whether available information is sufficient to support sound conclusions regarding the presence of the target analytes. The presence of the target analytes investigated as part of this Phase II ESA along with the current exposure pathways, as applicable, for the Site is presented in the following table.

Target Analytes	Media	Contaminants Present Above Screening Benchmarks	Exposure Pathway	Exposure Route	Human Receptors	
					Residential	Workers
ACM	Building Materials	Yes	Potentially Complete	Dermal	--	X
				Ingestion	--	X
				Inhalation	--	X
LBP	Building Materials	Yes	Potentially Complete	Dermal	--	X
				Ingestion	--	X
				Inhalation	--	X
Mercury, PCBs, and Mold	Building Materials	Yes (Mercury and Mold)	Potentially Complete	Dermal	--	X
				Ingestion	--	X
				Inhalation	--	X
Comments: Evaluation of exposure pathway completeness is based upon the current limited site use by workers accessing the Site for maintenance tasks and for remediation workers during future remediation activities. Additional assessment is needed (e.g. air sampling and wipe sampling) to determine if exposure pathways are complete or incomplete based on the current condition of friable ACM. Once future site-specific activities are determined or if a change in current use occurs, exposure pathways should be re-assessed as the pathway completeness presented in this report may be altered and require further evaluation prior to conducting the activities or implementing the change in use at the Site.						

Note:

-- = Receptor not at risk (Currently)

X = Receptor at risk to exposure (Currently or Potentially)

6.5 DISCLOSURE OF AVAILABLE DATA INSUFFICIENT TO MEET OBJECTIVES

Per ASTM E1903-11 (Section 1.3.2), all Phase II ESA reports must disclose any respect in which available data are insufficient to meet the objectives of the assessment. Listed below are the disclosures in which the available data set for this investigation were insufficient to meet the objectives of this Phase II ESA, if any.

- Based upon the objectives for this Phase II ESA, no insufficiencies were encountered.

7.0 CONCLUSIONS OF THE PHASE II ESA

START performed a Phase II ESA in conformance with the scope and limitations of ASTM Practice E1903-11 for the Crowley Building at 311 W Main St. located in Lewistown, Montana. The following list is a summary of the conclusions regarding COCs and associated media identified by START at the Site:

Asbestos-Containing Material

- Based on the results of the ACM survey, asbestos is present in the building. ACM is considered a COC in relation to the Site.

Lead-Based Paint

- Based on the results of the LBP screening, LBP is present in the building. LBP is considered a COC in relation to the Site.

PCBs, Mercury, and Mold

A summary of the observations regarding the visual inspections conducted are presented below:

- Of the light ballasts observed, no PCB ballasts were encountered. PCBs are not considered COCs in relation to the Site.
- Nine mercury thermostat containing devices (Switches and thermostats) were observed in the building. Mercury is considered a COC in relation to the Site.
- Small spots of mold and areas with mildew staining were observed in the basement, however no large areas were encountered at the Site. Mold is considered a COC in relation to the Site.

RECOMMENDATIONS

Based on the results of the environmental assessment, START recommends the following:

- START recommends contracting an accredited asbestos remediation company to determine appropriate remedial actions to address the ACM at the Site during the cleanup phase of redevelopment (e.g., abatement, encapsulation, etc.). ACM remediation is recommended prior to any renovation or demolition activities at the Site.
- START recommends contracting an accredited lead remediation company to determine appropriate remedial actions to address the LBP at the Site during the cleanup phase of redevelopment and to assess disposal requirements for LBP at the Site (e.g., encapsulation, chemical stripping, removal, etc.). Dust control methods should be implemented for the debris. All work performed should be done so by an EPA Lead-Safe certified firm. If LBP construction materials are to be removed, it is recommended that the construction debris disposal facility be contacted to determine if Toxicity Characteristic Leaching Procedure (TCLP) samples will be required.

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- Mercury-containing equipment should be properly removed during renovation.
- Mold/mildew should be removed during renovation.

8.0 SIGNATURE OF PHASE II ASSESSOR AND SEAL

This Phase II ESA was completed by the following START personnel and subcontractor(s), if applicable. Qualifications are provided at the end of the report:

- Mr. Greg Geras, P.G. – Project Manager;
- Mr. Elliott Petri, P.E. – Montana-Certified Asbestos, EPA Lead-Based Paint Inspector, and Environmental Professional; and
- Ms. Molly Patterson, Scientist – Team Member.

Mr. Elliott Petri, P.E. has undertaken the role of Phase II Assessor for this assessment. The following is the certification statement as defined in ASTM Practice E1903-11 (Section 9.2.1):

We have performed a Phase II environmental site assessment at the Crowley Building located at 311 West Main Street, Lewistown, Montana in conformance with the scope and limitations of ASTM Practice E1903-11 and for the following objectives:

- *Assess and evaluate suspected contaminants that may be present at the Site. Develop sufficient information to reasonably render a professional opinion that, with respect to the potential concerns assessed, hazardous substances either are or are not are present at the property, including the concentrations of the substances if present; and*
- *Gather and provide sufficient data to assist the Targeted Brownfield Assessment (TBA) recipient to make informed decisions with regard to the future use of the property.*

Elliott Petri, P.E.

Certifying Environmental Professional (Print)

Project Manager

Title



Signature

9/11/2017

Date

9.0 SPECIFICATIONS FOR ASTM E1903-11 REPORT USE AND RELIANCE

9.1 SPECIAL TERMS AND CONDITIONS

This document has been prepared by the WESTON START-IV team as tasked by the EPA solely for the use and benefit of the EPA and Snowy Mountain Development Corporation (SMDC). Any use of this document or information herein by persons or entities other than the EPA or SMDC, without the express written consent of START, will be at the sole risk and liability of said person or entity. START will not be liable to the EPA, SMDC, or such persons or entities, for any damages resulting therefrom. It is understood that this document may not include all information pertaining to the described site.

9.2 LIMITATIONS AND EXCEPTIONS OF ASSESSMENT

ASTM E1903-11 (Section 4.2.1) acknowledges, “No Phase II ESA can eliminate all uncertainty. Furthermore, any sample, either surface or subsurface, taken for chemical testing may or may not be representative of a larger population. Professional judgment and interpretation are inherent in the process, and even when exercised in accordance with objective scientific principles, uncertainty is inevitable. Additional assessment beyond that which was reasonably undertaken may reduce the uncertainty”. ASTM E1903-11 (Section 4.2.1.2) acknowledges, “The effectiveness of a Phase II ESA may be compromised by limitations or defects in the information used to define the objectives and scope of the investigation, including inability to obtain information concerning historic site uses or prior site assessment activities despite the efforts of the user and Phase II Assessor to obtain such information in accordance with 5.1.3”. Furthermore, the ASTM E1903-11 (Section 4.2.2) states, “Phase II ESAs do not generally require an exhaustive assessment of environmental conditions on a property. There is a point at which the cost of information obtained and the time required to obtain it outweigh the benefit of the information and, in the context of private transactions and contractual responsibilities, may become a material detriment to the orderly conduct of business. If the presence of target analytes is confirmed on a property, the extent of further assessment is a function of the degree of confidence required and the degree of uncertainty acceptable in relation to the objectives of the assessment”.

9.3 DISCLAIMERS

START has performed this Phase II ESA in general conformance with the scope and limitations of ASTM E1903-11 standards and TDD 0003/1705-13. The Phase II ESA findings and conclusions presented herein are professional opinions based solely on data collected during the assessment and/or interpretation of information and past data provided for review. The information and data collected from the Site by START is based on the conditions existing on the date(s) of START’s assessment activities at the property. START does not warrant or guarantee information obtained from third parties used for this assessment are correct, complete, and/or current.

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Though START did collect samples and/or perform testing during this assessment, it is possible that past contamination remains undiscovered or that property conditions will change in the future. START does not warrant or guarantee the property suitable for any particular purpose or certify the property as “clean.”

ASTM E1903-11 (Section 1.5) states, “This practice is not intended to supersede applicable requirements imposed by regulatory authorities. This practice does not attempt to define a legal standard of care either for the performance of professional services with respect to matters within its scope, or for the performance of any individual *Phase II Environmental Site Assessment*”.

Information, limitations, and disclaimers provided in this general section apply to all of the sections included in this report.

10.0 REFERENCES

ASTM, International (ASTM), 2011. E1903-11, *Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process*. West Conshohocken, Pennsylvania.

Citation	Reference Type	Assessment Factor				
		Soundness	Applicability and Utility	Clarity and Completeness	Uncertainty and Variability	Evaluation and Review
ASTM, 2011	Guidance	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable

EPA, 2017. *Technical Direction Document (TDD) 0003/1705-13*.

Citation	Reference Type	Assessment Factor				
		Soundness	Applicability and Utility	Clarity and Completeness	Uncertainty and Variability	Evaluation and Review
EPA, 2017	Guidance	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable

EPA, October 1985. EPA's "Pink Book", *Asbestos in Buildings: Simplified Sampling Scheme for Friable Surfacing Materials*. (EPA 560/5-85-030a).

Citation	Reference Type	Assessment Factor				
		Soundness	Applicability and Utility	Clarity and Completeness	Uncertainty and Variability	Evaluation and Review
EPA, 1985	Document	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable

WESTON, 2017. *Phase I ESA for Crowley Building Lewistown 311 W. 4th Street, Lewistown Fergus County, Montana*. July, 2017.

Citation	Reference Type	Assessment Factor				
		Soundness	Applicability and Utility	Clarity and Completeness	Uncertainty and Variability	Evaluation and Review
WESTON, 2017a	Document	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable

WESTON, 2017. *Sampling and Analysis Plan for Crowley Building Lewistown 311 W. 4th Street, Lewistown Fergus County, Montana*. July, 2017.

Citation	Reference Type	Assessment Factor				
		Soundness	Applicability and Utility	Clarity and Completeness	Uncertainty and Variability	Evaluation and Review
WESTON, 2017b	Document	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable

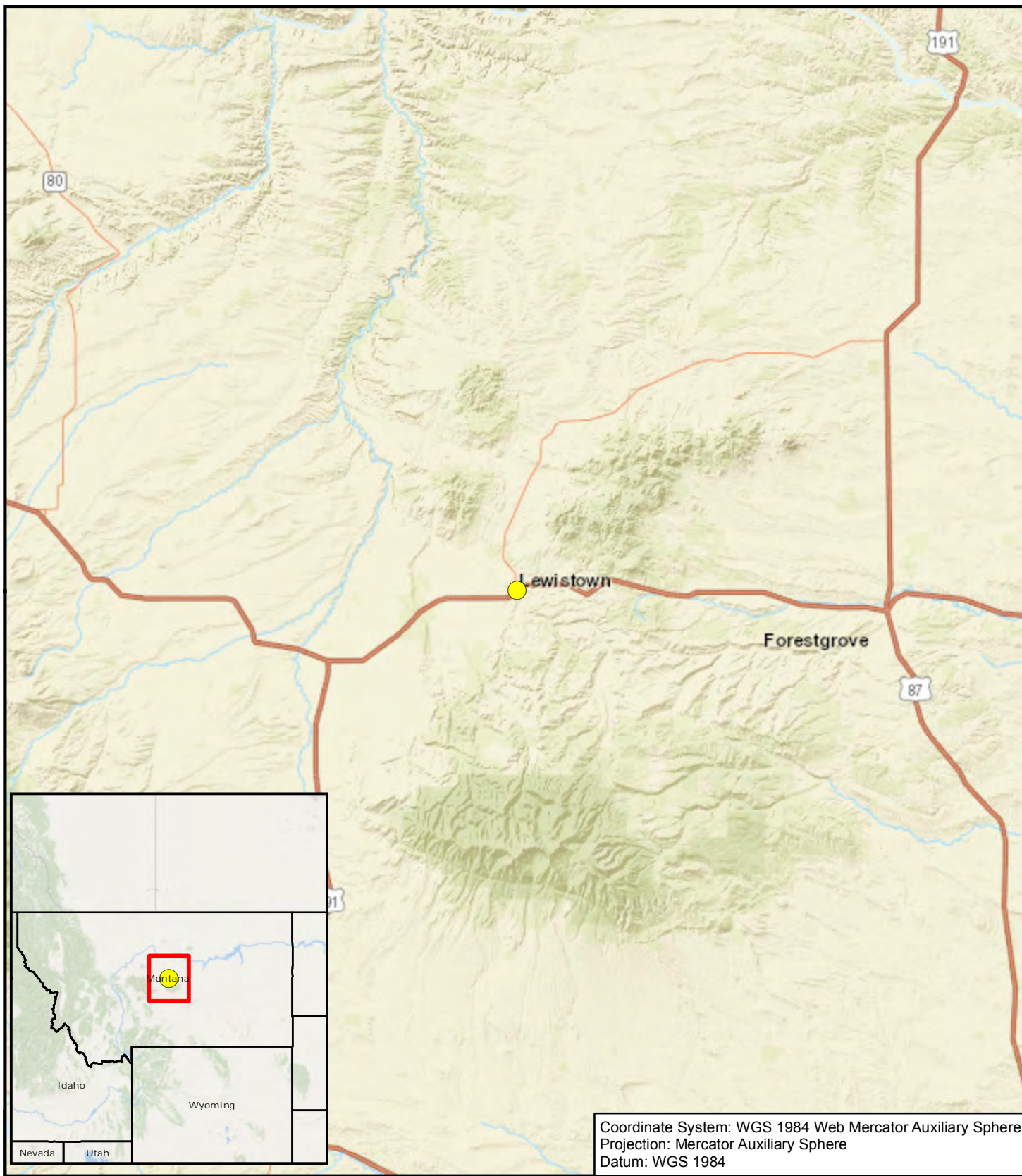
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11.0 QUALIFICATIONS

START utilized qualified, professional staff, trained in performing the scope of work required for this Phase II ESA. The START team personnel included a project manager and technical specialist(s). Their roles are described in more detail as follows:


- Project Manager and Environmental Professional – Mr. Greg Geras, P.G. is a professional geologist with over 12 years of experience in the field of environmental sciences. Mr. Geras specializes in the development and implementation of site investigation plans, collection & analysis of soil, sediment, groundwater, and surface water data, evaluation of remediation options, conducting Phase I and Phase II ESA investigations, technical report writing and review. He is experienced in projects involving initial and secondary site assessments, remedial action/corrective action, risk assessment, closure plan development, and agency negotiation.
- Engineer and Environmental Professional – Mr. Elliott Petri, P.E. has a M.S. in Environmental Science and Engineering with 5+ years of experience in the field of environmental sciences including Phase I/II ESAs, site investigations, assessments and remediation; Mr. Petri has managed/conducted quality control on projects from \$20,000 to 4 million dollars for the United States Air Force and the EPA.
- Scientist – Ms. Molly Patterson has 5+ years of project experience collecting soil, groundwater, surface water, and air samples, and conducting air monitoring. Her experience includes conducting site assessments, removals, technical report documentation, and field instrument proficiency.

FIGURES



Coordinate System: WGS 1984 Web Mercator Auxiliary Sphere
Projection: Mercator Auxiliary Sphere
Datum: WGS 1984

Legend

 Site Location

0 5 10 20 Miles



Prepared for:
U.S. EPA Region 8



Contract No.:
EP-S8-13-01

TDD:
1705-13
TO:
0003

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FIGURE 1
SITE LOCATION MAP
CROWLEY BUILDING
LEWISTOWN,
FERGUS COUNTY,
MONTANA

Date: 6/20/2017



Coordinate System: WGS 1984 Web Mercator Auxiliary Sphere
Projection: Mercator Auxiliary Sphere
Datum: WGS 1984

Legend

 Site Boundary

0 50 100 200 Feet



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1705-13

TO:
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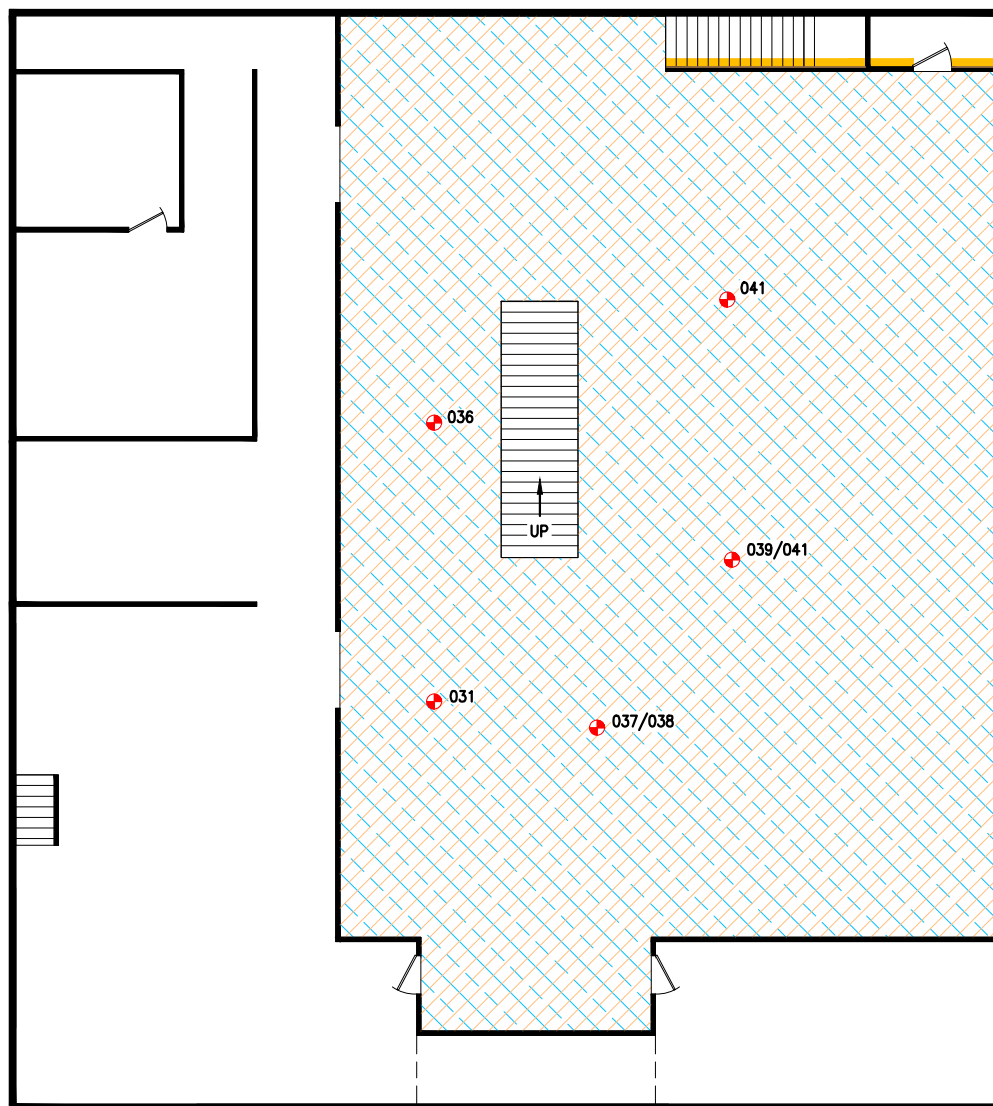


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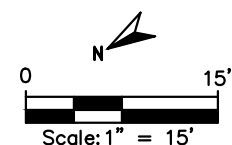
FIGURE 2 SITE FEATURES MAP CROWLEY BUILDING LEWISTOWN, FERGUS COUNTY, MONTANA

Date: 6/20/2017



LEGEND:

- ACM ASBESTOS CONTAINING MATERIAL
- ACM SAMPLE LOCATION (APPROXIMATE)
- ACM TILE FLOOR EXTENT
- ACM DRYWALL CEILING EXTENT
- ACM DRYWALL EXTENT



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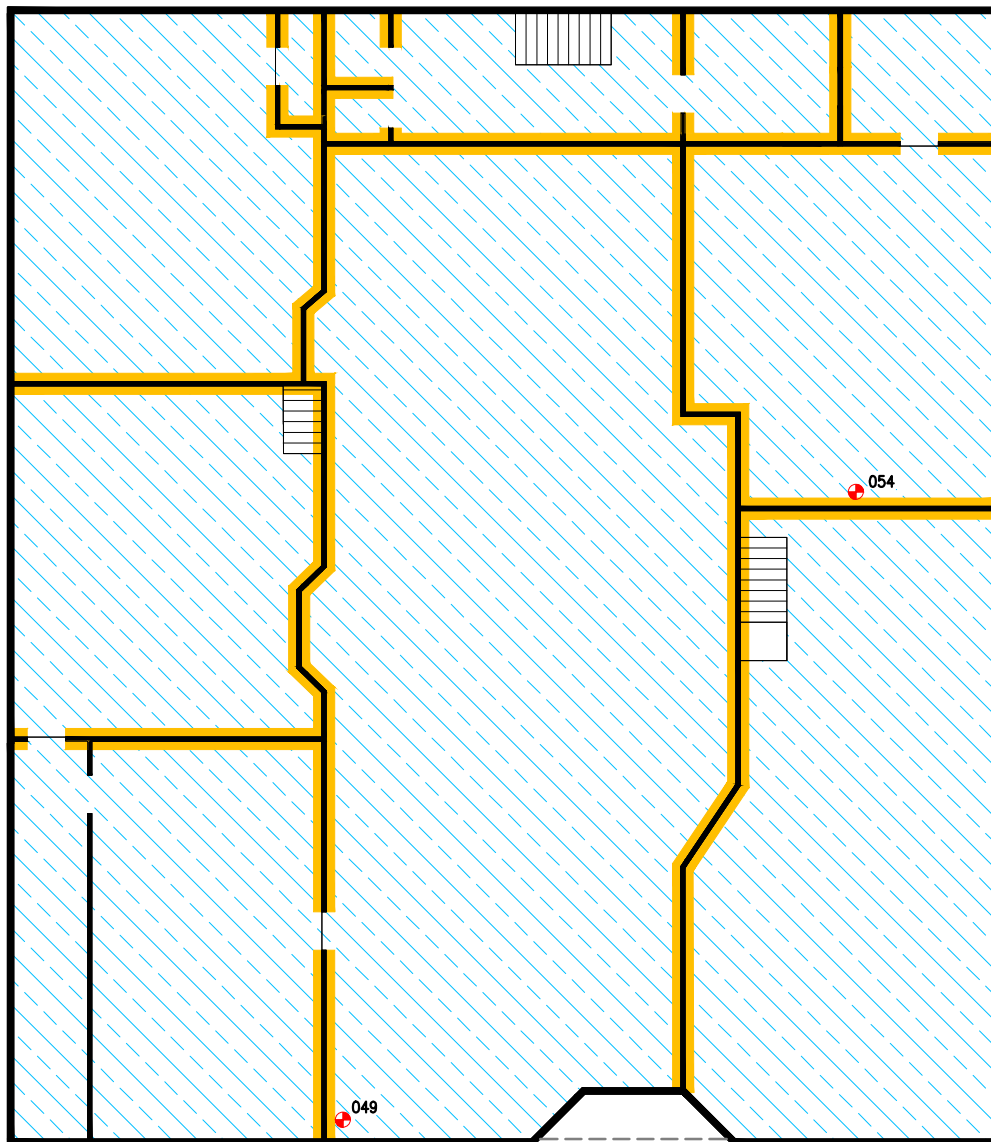


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ACM SAMPLE LOCATION AND EXTENT MAP CROWLEY BUILDING – BASEMENT LEWISTOWN, FERGUS COUNTY, MONTANA HAZARDOUS BUILDING MATERIALS SURVEY

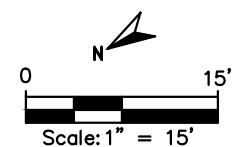
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07/21/17
SCALE:
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Figure
3



LEGEND:

- ACM ASBESTOS CONTAINING MATERIAL
- ACM SAMPLE LOCATION (APPROXIMATE)
- ACM TILE FLOOR EXTENT
- ACM DRYWALL EXTENT



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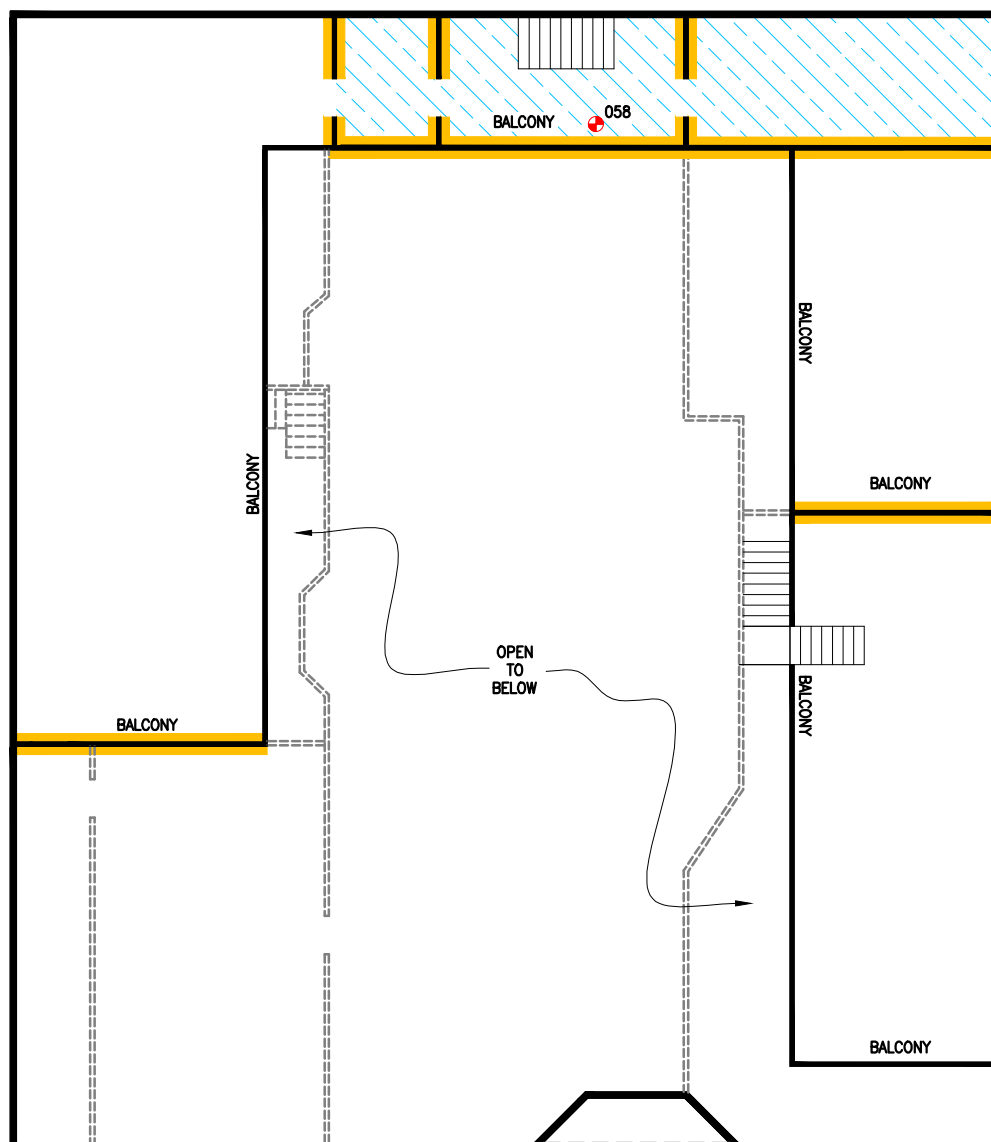


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ACM SAMPLE LOCATION AND EXTENT MAP CROWLEY BUILDING – FIRST FLOOR LEWISTOWN, FERGUS COUNTY, MONTANA HAZARDOUS BUILDING MATERIALS SURVEY

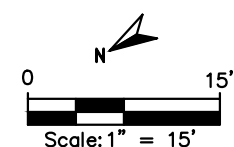
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07/21/17
SCALE:
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Figure
4



LEGEND:

- ACM ASBESTOS CONTAINING MATERIAL
- ACM SAMPLE LOCATION (APPROXIMATE)
- ACM TILE FLOOR EXTENT
- ACM DRYWALL EXTENT



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ACM SAMPLE LOCATION AND EXTENT MAP CROWLEY BUILDING – FIRST FLOOR BALCONY LEWISTOWN, FERGUS COUNTY, MONTANA HAZARDOUS BUILDING MATERIALS SURVEY

DATE:
07/21/17
SCALE:
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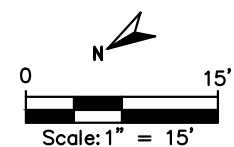
Figure
5



LEGEND:

LBP LEAD BASED PAINT

● LBP 8" POSTS



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TO: 0003

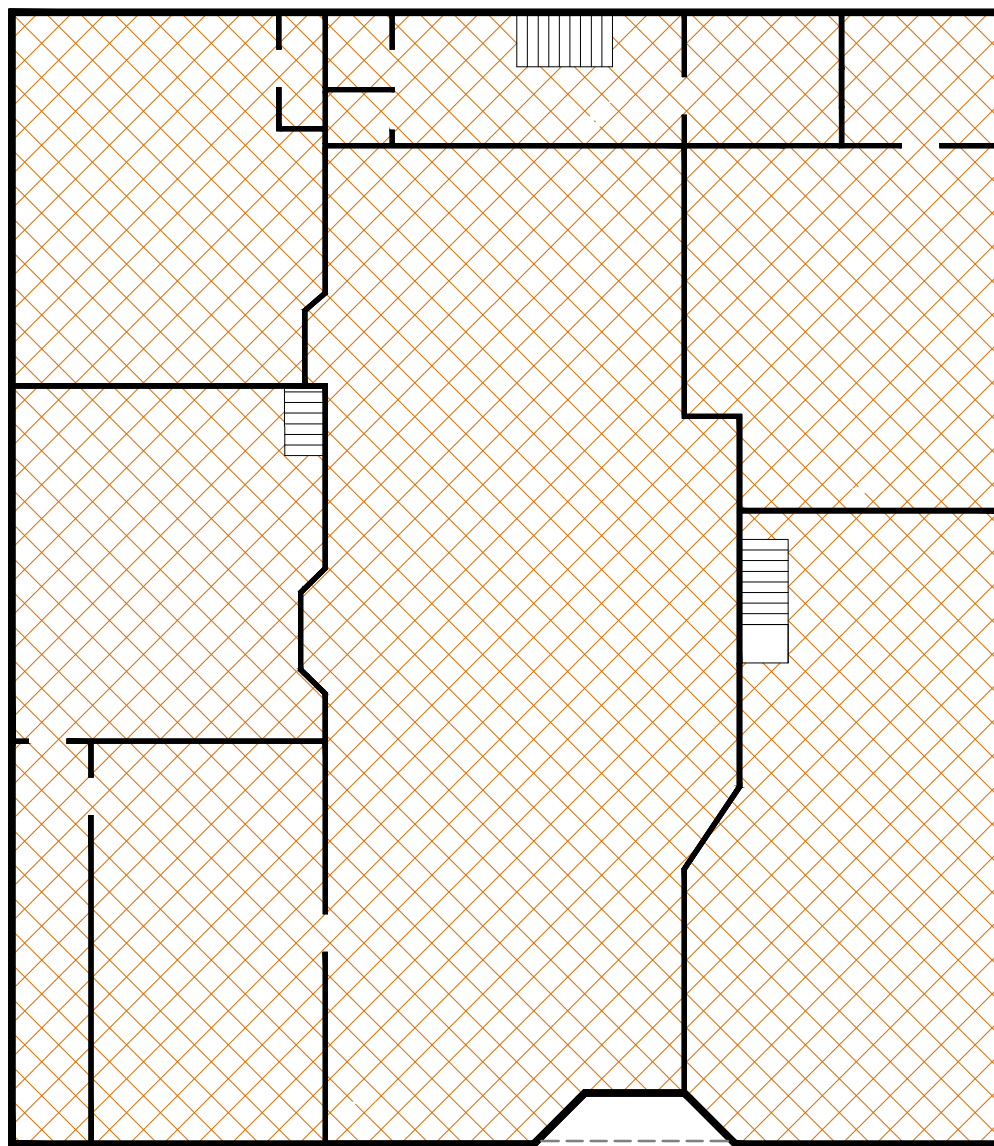


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**LBP LOCATION AND EXTENT MAP
CROWLEY BUILDING – BASEMENT
LEWISTOWN, FERGUS COUNTY, MONTANA
HAZARDOUS BUILDING MATERIALS SURVEY**

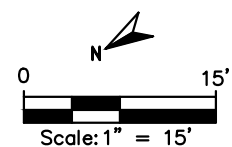
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SCALE:
1"=15'

Figure
6



LEGEND:

- LBP LEAD BASED PAINT
- LBP TIN CEILING EXTENT



Contract No.:
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TDD: 1705-13
TO: 0003

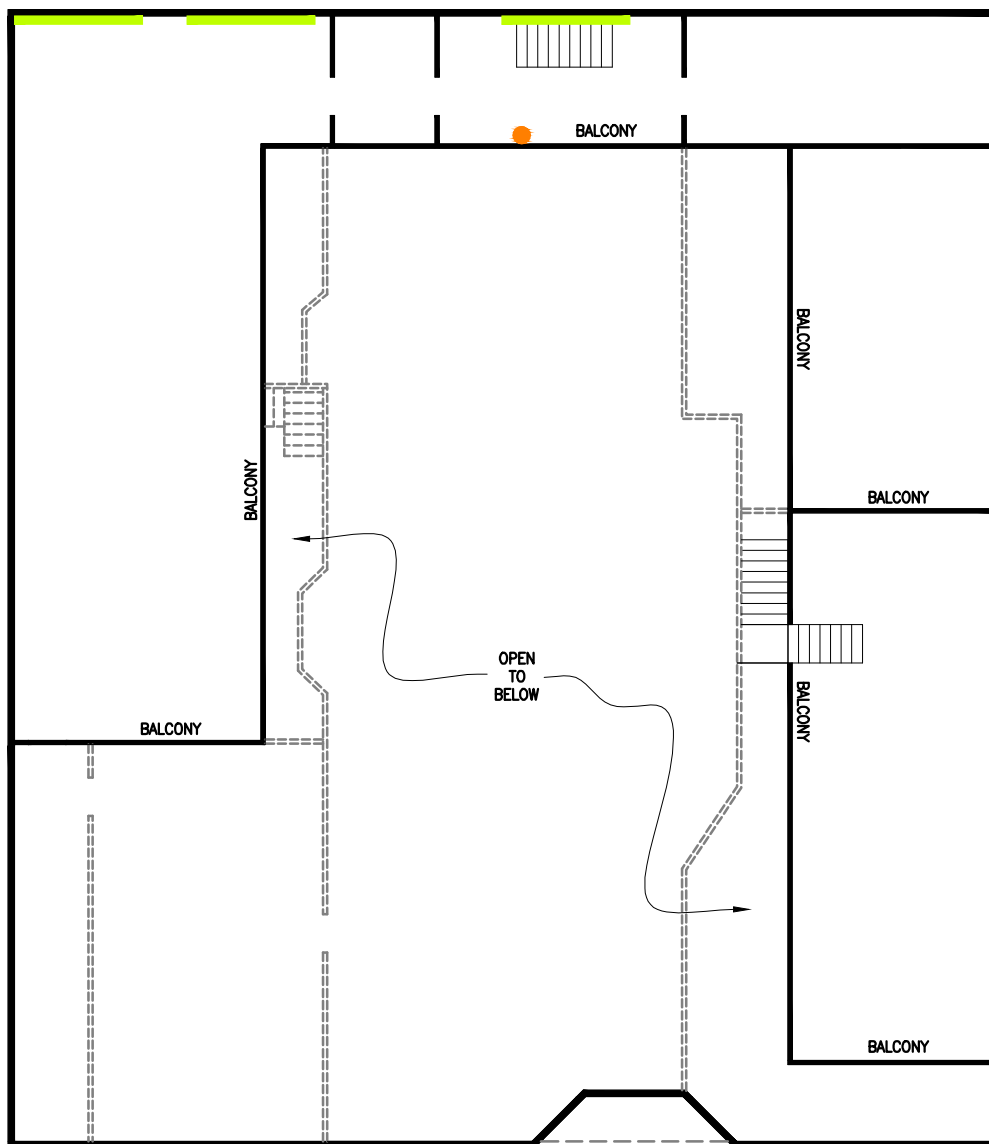


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LBP LOCATION AND EXTENT MAP CROWLEY BUILDING - FIRST FLOOR LEWISTOWN, FERGUS COUNTY, MONTANA HAZARDOUS BUILDING MATERIALS SURVEY

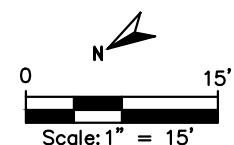
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Figure
7



LEGEND:

- LBP LEAD BASED PAINT
- LBP 8" POST
- LBP WINDOW TRIM



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EP-S8-13-01
TDD: 1705-13
TO: 0003

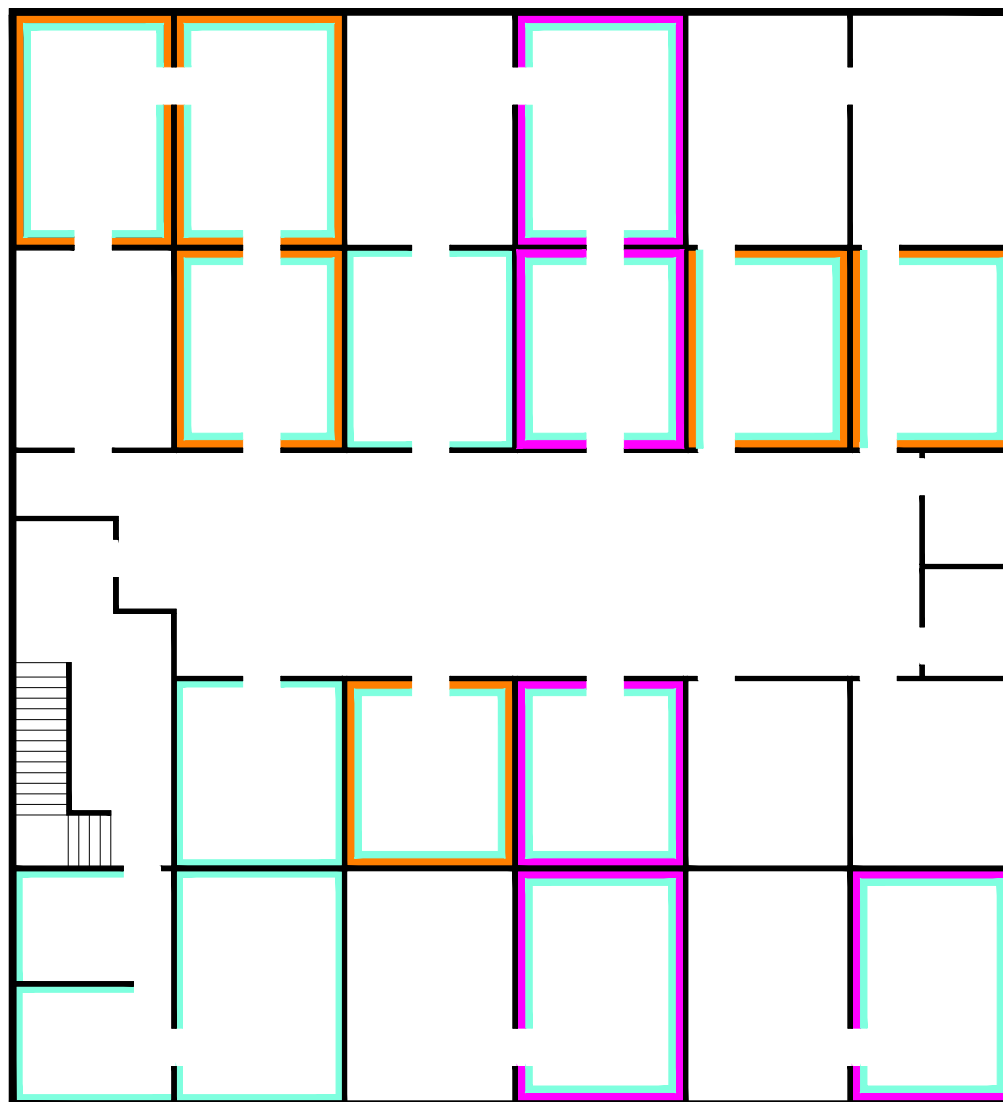


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LBP LOCATION AND EXTENT MAP CROWLEY BUILDING – FIRST FLOOR BALCONY LEWISTOWN, FERGUS COUNTY, MONTANA HAZARDOUS BUILDING MATERIALS SURVEY

DATE:
07/21/17
SCALE:
1"=15'

Figure
8



LEGEND:

- LBP LEAD BASED PAINT
- LBP 10" BASEBOARD AND TRIM
- LBP FULL (12') WALL EXTENT
- LBP HALF (4') WALL EXTENT

NOTE:

NO ASBESTOS FOUND.



Contract No.:
EP-S8-13-01
TDD: 1705-13
TO: 0003

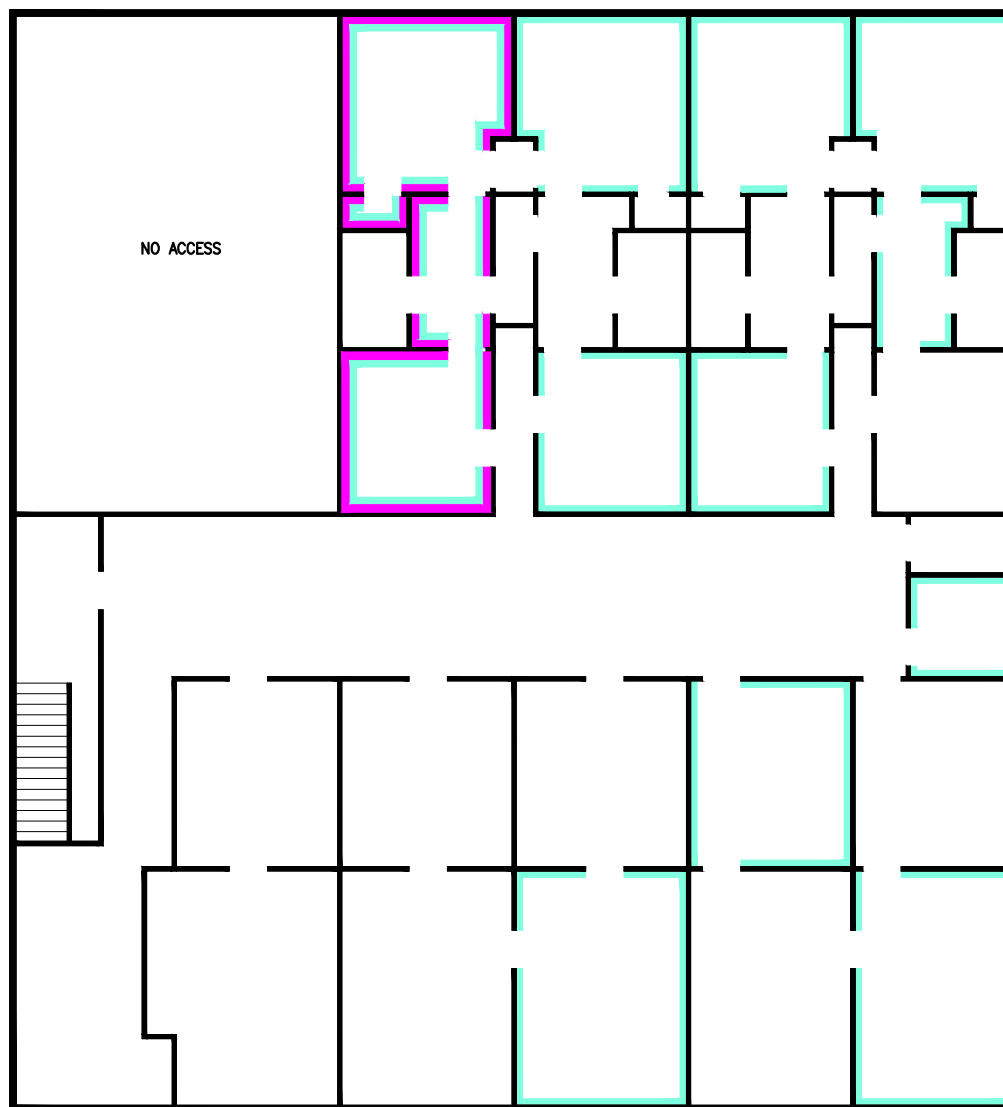


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LBP LOCATION AND EXTENT MAP CROWLEY BUILDING – SECOND FLOOR LEWISTOWN, FERGUS COUNTY, MONTANA HAZARDOUS BUILDING MATERIALS SURVEY

DATE:
07/21/17
SCALE:
1"=15'

Figure
9

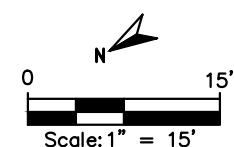


LEGEND:

- LBP LEAD BASED PAINT
- LBP 10" BASEBOARD AND TRIM
- LBP HALF (4') WALL EXTENT

NOTE:

NO ASBESTOS FOUND.



Contract No.:
EP-S8-13-01
TDD: 1705-13
TO: 0003



Prepared By:
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LBP LOCATION AND EXTENT MAP CROWLEY BUILDING – THIRD FLOOR LEWISTOWN, FERGUS COUNTY, MONTANA HAZARDOUS BUILDING MATERIALS SURVEY

DATE:
07/21/17
SCALE:
1"=15'

Figure
10

TABLES

ACM Sample Results and Estimated Volumes
Crowley Building
Lewistown, MT

Table 1

Sample ID	Physical Description	ACM Layer	Asbestos Type and Percent Composition (by PLM Method)	Point Count Method Result	Estimated Volume
Crowley Building - Basement					
CBL-FT01-031	8X8 Beige Floor Tile	A - Gray Tile	Chrysotile 12%	--	3,600 sq. ft.
		B - Black Tar	Chrysotile 10%	--	
CBL-DW01-036	Drywall	C - Off white texture	Chrysotile 5%	--	3,990 sq. ft.
		D - Off white joint compound	Chrysotile 5%	--	
CBL-DW01-037	Drywall	C - White joint compound	Chrysotile 5%	--	
		D - White compound	Chrysotile 5%	--	
CBL-DW01-038	Drywall	B - White compound	Chrysotile 5%	--	
CBL-DW01-039	Drywall	B - White joint compound	Chrysotile 5%	--	
		D - White compound	Chrysotile 5%	--	
CBL-DW01-040	Drywall	B - White joint compound	Chrysotile 5%	--	
		D - White compound	Chrysotile 5%	--	
CBL-DW01-041	Drywall	B - White joint compound	Chrysotile 5%	--	
		C - White compound	Chrysotile 5%	--	
Crowley Building - First Floor and First Floor Balcony					
CBL-FT02-049	12X12 Brown Floor Tile	B - Gray/Brown tile	Chrysotile 6%	--	6,805 sq. ft.
CBL-DW02-54	Drywall	C - Gray joint compound	Chrysotile 3%	--	8,500 sq. ft.
		D - Gray compound	Chrysotile 3%	--	
CBL-DW02-058	Drywall	B - White compound	Chrysotile 3%	--	

Non-ACM Samples by Point Count
Crowley Building
Lewistown, MT

Table 2

Sample ID	Physical Description	ACM Layer(s)	Asbestos Type and Percent Composition (by PLM Method)	Point Count Method Result
Crowley Building Lewistown				
CBL-PL02-006	Plaster	B - Tan granular plaster	Chrysotile TR	<0.25
CBL-PL02-032	Plaster	B - Tan granular plaster	Chrysotile TR	<0.25

Non-detect for Asbestos Samples
Crowley Building
Lewistown, MT

Table 3

Sample ID	Physical Description	Sample Layer(s)
Crowley Building Lewistown		
CBL-PL01-001	Plaster	A - Tan granular paper
CBL-LN01-002	Linoleum	A - Brown/off white sheet vinyl w/ black fibrous backing
CBL-LN02-003	Linoleum	A - Gray/yellow sheet vinyl w/ black fibrous backing
CBL-LN03-004	Linoleum	A - Yellow/gray sheet vinyl w/ black fibrous backing
CBL-LN04-005	Linoleum	A - Yellow/gray sheet vinyl w/ brown fibrous backing
CBL-LN05-007	Linoleum	A - Dark blue sheet vinyl w/ black fibrous backing
CBL-LN06-008	Linoleum	A - Brown sheet vinyl w/ black fibrous backing
CBL-LN07-009	Linoleum	A - Black/gray sheet vinyl w/ black fibrous backing
CBL-LN08-010	Linoleum	A - Gray/off white sheet vinyl w/ black fibrous backing
CBL-PL01-011	Plaster	A - Green/multi-colored paint
		B - Pink paint w/ multi-layered wall covering
		C - Grayish-tan granular
CBL-LN09-012	Linoleum	A - Red/gray sheet vinyl w/ black fibrous backing
CBL-PL01-013	Plaster	A - Off white/multi-colored paint
		B - Off white granular plaster
		C - Tan granular plaster
CBL-IN01-014	Insulation	A - Pink fibrous material
CBL-LN10-015	Linoleum	A - Gray/off white sheet vinyl w/ black fibrous backing
CBL-LN11-016	Linoleum	A - Orange/gray/multi-colored sheet vinyl w/ black fibrous backing
CBL-LN12-017	Linoleum	A - Tan/off white/multi-colored sheet vinyl w/ black fibrous backing
CBL-LN13-018	Linoleum	A - Brown & off white resinous material
		B - Black felt
		C - Gray sheet vinyl w/ black fibrous backing
CBL-PL01-019	Plaster	A - Gray/off white paint
		B - Gray granular plaster
CBL-LN14-020	Linoleum	A - Gray/light gray sheet vinyl w/ black fibrous backing
CBL-LN15-021	Linoleum	A - Blue/orange sheet vinyl w/ black fibrous backing
CBL-LN16-022	Linoleum	A - Gray/red/off white sheet vinyl w/ black fibrous backing
CBL-PL01-023	Plaster	A - Pink/multi-colored paint
		B - Off white granular plaster
		C - Tan granular plaster
CBL-LN17-024	Linoleum	A - Gray/light gray sheet vinyl w/ black fibrous backing
CBL-LN18-025	Linoleum	A - Black/off white/green sheet vinyl w/ black fibrous backing
CBL-LN19-026	Linoleum	A - Gray/white sheet vinyl w/ black fibrous backing
		B - Tan/brown/pink sheet vinyl w/ black fibrous backing
		C - Blue-black/brown sheet vinyl w/ brown woven backing
CBL-LN19-027	Linoleum	A - Tan/brown/pink sheet vinyl w/ black fibrous backing
		B - Gray/yellow sheet vinyl w/ black fibrous backing
		C - Blue-black/brown sheet vinyl w/ brown woven backing
CBL-PL01-028	Plaster	A - Green/multi-colored paint
		B - Gray granular plaster
CBL-LN20-029	Linoleum	A - Gray/tan/reddish-brown sheet vinyl w/ black fibrous backing
CBL-LN21-030	Linoleum	A - Green/light gray sheet vinyl w/ black fibrous backing
CBL-PL02-033	Plaster	A - White/multi-colored paint
		B - Gray granular plaster
CBL-PL02-034	Plaster	A - Tan granular plaster
		B - Green/white paint
		C - Off white granular plaster
CBL-PL02-035	Plaster	A - Green/white paint
		B - Off white granular plaster
		C - Tan granular plaster
CBL-DW02-042	Drywall	A - White/brown drywall w/ off white paint
CBL-DW02-043	Drywall	A - Gray/brown drywall w/ off white paint
CBL-LN22-044	Linoleum	A - White/gray/gold glitter sheet vinyl w/ green/gray fibrous backing
CBL-LN22-045	Linoleum	A - White/gray/gold glitter sheet vinyl w/ green/gray fibrous backing
CBL-PL02-046	Plaster	A - White plaster
		B - Light gray granular plaster
CBL-PL02-047	Plaster	A - White plaster
		B - Off white granular plaster
		C - Tan granular plaster
CBL-PL02-048	Plaster	A - White plaster
		B - Gray granular plaster

**Non-detect for Asbestos Samples
Crowley Building
Lewistown, MT**

Table 3

Sample ID	Physical Description	Sample Layer(s)
Crowley Building Lewistown		
CBL-LN23-050	Linoleum	A - White sheet vinyl w/ gray fibrous backing & off white mastic
CBL-LN23-051	Linoleum	A - White leveling compound
CBL-LN23-052	Linoleum	B - White sheet vinyl w/ gray fibrous backing & off white mastic
CBL-DW02-053	Drywall	A - Light gray/white sheet vinyl w/ gray fibrous backing & off white mastic
CBL-DW02-053	Drywall	A - White paint w/ white texture
CBL-DW02-053	Drywall	B - Pink/brown drywall
CBL-DW02-055	Drywall	A - Pink paint w/ white compound
CBL-DW02-055	Drywall	B - Pink/brown drywall
CBL-DW02-056	Drywall	A - Light gray/pink paint w/ white compound
CBL-DW02-056	Drywall	B - Pink/brown drywall
CBL-DW02-057	Drywall	A - Pink/brown drywall w/ blue/yellow paint
CBL-DW02-059	Drywall	A - White compound
CBL-DW02-059	Drywall	B - White compound
CBL-DW02-059	Drywall	C - Dark pink/multi-colored paint
CBL-DW02-059	Drywall	D White tape
CBL-DW02-059	Drywall	E White paint w/ white compound
CBL-DW02-059	Drywall	F Gray/brown drywall

Lead-Based Paint Screening Results

Table 4

Crowley Building
Lewistown, MT

Reading	Date	Time	Location	Room	Component	Substrate	Color	Lead mg/cm ²	(+/-) Error
XRF - Calibration Checks									
3	10-Jul-17	14:47:09	SRM 2570	N/A	N/A	N/A	WHITE	0	0
4	10-Jul-17	14:48:25	SRM 2571	N/A	N/A	N/A	YELLOW	3.5	0.26
5	10-Jul-17	14:49:22	SRM 2572	N/A	N/A	N/A	ORANGE	1.49	0.12
6	10-Jul-17	14:50:23	SRM 2573	N/A	N/A	N/A	RED	1.03	0.04
7	10-Jul-17	14:51:46	SRM 2574	N/A	N/A	N/A	GOLD	0.65	0.06
8	10-Jul-17	14:52:37	SRM 2575	N/A	N/A	N/A	GREEN	0.3	0.04
127	10-Jul-17	18:49:04	SRM 2570	N/A	N/A	N/A	WHITE	0	0
128	10-Jul-17	18:49:31	SRM 2571	N/A	N/A	N/A	YELLOW	3.04	0.3
129	10-Jul-17	18:50:11	SRM 2572	N/A	N/A	N/A	ORANGE	1.84	0.19
130	10-Jul-17	18:50:44	SRM 2573	N/A	N/A	N/A	RED	1	0.05
131	10-Jul-17	18:51:44	SRM 2574	N/A	N/A	N/A	GOLD	0.62	0.04
132	10-Jul-17	18:52:33	SRM 2575	N/A	N/A	N/A	GREEN	0.25	0.05
2	11-Jul-17	8:00:18	SRM 2570	N/A	N/A	N/A	WHITE	0	0
3	11-Jul-17	8:00:56	SRM 2571	N/A	N/A	N/A	YELLOW	3.54	0.27
4	11-Jul-17	8:01:43	SRM 2572	N/A	N/A	N/A	ORANGE	1.54	0.12
5	11-Jul-17	8:02:21	SRM 2573	N/A	N/A	N/A	RED	1.04	0.04
6	11-Jul-17	8:03:37	SRM 2574	N/A	N/A	N/A	GOLD	0.64	0.06
7	11-Jul-17	8:04:20	SRM 2575	N/A	N/A	N/A	GREEN	0.3	0.04
46	11-Jul-17	9:23:28	SRM 2570	N/A	N/A	N/A	WHITE	0	0
47	11-Jul-17	9:24:15	SRM 2571	N/A	N/A	N/A	YELLOW	3.02	0.24
48	11-Jul-17	9:24:56	SRM 2572	N/A	N/A	N/A	ORANGE	1.42	0.1
49	11-Jul-17	9:25:42	SRM 2573	N/A	N/A	N/A	RED	1.01	0.04
50	11-Jul-17	9:26:40	SRM 2574	N/A	N/A	N/A	GOLD	0.61	0.05
51	11-Jul-17	9:27:24	SRM 2575	N/A	N/A	N/A	GREEN	0.29	0.04
Screening Results									
9	10-Jul-17	15:07:14	Basement	Room A	DOOR	WOOD	BLACK	0.08	0.02
10	10-Jul-17	15:09:05	Basement	Room B	WALL	CONCRETE	WHITE	0	0
11	10-Jul-17	15:09:57	Basement	Room C	WALL	METAL	ORANGE	0	0.01
12	10-Jul-17	15:10:36	Basement	Room C	WALL	WOOD	WHITE	0.09	0.03
13	10-Jul-17	15:11:20	Basement	Room C	WALL	WOOD	WHITE	0.04	0.05
14	10-Jul-17	15:12:29	Basement	Room C	WALL	WOOD	YELLOW	0.01	0.01
15	10-Jul-17	15:13:15	Basement	Room C	WALL	PLASTER	WHITE	0.09	0.03
16	10-Jul-17	15:13:56	Basement	Room D	WALL	PLASTER	WHITE	0	0
17	10-Jul-17	15:15:01	Basement	Room C	WALL	PLASTER	WHITE	5	0.83
18	10-Jul-17	15:15:20	Basement	Room C	WALL	PLASTER	WHITE	5	0.89
19	10-Jul-17	15:15:38	Basement	Room C	WALL	PLASTER	WHITE	5	1.33
20	10-Jul-17	15:17:09	Basement	Room C	WALL	PLASTER	WHITE	0.34	0.08
21	10-Jul-17	15:19:25	Basement	Room E	WALL	CONCRETE	GREEN	0.02	0.04
22	10-Jul-17	15:19:47	Basement	Room E	WALL	CONCRETE	GREEN	0	0
23	10-Jul-17	15:21:45	Stairs	Room F	WALL	DRYWALL	WHITE	0.08	0.03
24	10-Jul-17	15:22:24	Stairs	Room F	WALL	DRYWALL	BROWN	0.15	0.04
25	10-Jul-17	15:22:53	Stairs	Room F	WALL	DRYWALL	WHITE	0.1	0.04
26	10-Jul-17	15:41:28	1st Floor	Room A	WALL	DRYWALL	WHITE	0	0
27	10-Jul-17	15:42:20	1st Floor	Room B	WALL	WOOD	PINK	0	0
28	10-Jul-17	15:42:50	1st Floor	Room B	WALL	WOOD	GREEN	0	0
29	10-Jul-17	15:43:27	1st Floor	Room B	WALL	WOOD	WHITE	0	0
30	10-Jul-17	15:44:24	1st Floor	Room C	WALL	WOOD	WHITE	0	0
31	10-Jul-17	15:45:16	1st Floor	Room D	WALL	WOOD	WHITE	0	0
32	10-Jul-17	15:46:04	1st Floor	Room D	WALL	WOOD	WHITE	0	0
33	10-Jul-17	15:47:51	1st Floor	Room E	WALL	DRYWALL	WHITE	0	0
34	10-Jul-17	15:48:51	1st Floor	Room F	WALL	DRYWALL	WHITE	0	0
35	10-Jul-17	15:49:31	1st Floor	Room G	WALL	DRYWALL	WHITE	0	0
36	10-Jul-17	15:58:22	1st Floor	Room H	WALL	DRYWALL	WHITE	0	0
37	10-Jul-17	15:59:17	1st Floor	Room G	WALL	DRYWALL	WHITE	0	0
38	10-Jul-17	16:00:24	1st Floor	Room I	WALL	DRYWALL	WHITE	0	0
39	10-Jul-17	16:01:35	1st Floor	Room J	WALL	DRYWALL	WHITE	0	0
40	10-Jul-17	16:02:19	1st Floor	Room J	WALL	DRYWALL	GREEN	0.17	0.2
41	10-Jul-17	16:02:58	1st Floor	Room J	CEILING	METAL	WHITE	5	1.98
42	10-Jul-17	16:08:50	1st Floor	Room L	CEILING	METAL	WHITE	1	0.02
43	10-Jul-17	16:09:16	1st Floor	Room L	CEILING	METAL	PURPLE	0.01	0.01
44	10-Jul-17	16:09:53	1st Floor	Room L	CEILING	METAL	GREEN	0	0
45	10-Jul-17	16:10:28	1st Floor	Room L	WALL	METAL	PINK	0.06	0.05
46	10-Jul-17	16:10:57	1st Floor	Room L	WALL	METAL	WHITE	0.09	0.14
47	10-Jul-17	16:11:38	1st Floor	Room L	WALL	METAL	WHITE	0.05	0.04
48	10-Jul-17	16:14:11	1st Floor	Room M	WALL	METAL	WHITE	0	0
49	10-Jul-17	16:14:45	1st Floor	Room M	WALL	METAL	CREAM	0.03	0.03
50	10-Jul-17	16:15:24	1st Floor	Room N	WALL	CONCRETE	CREAM	1.08	0.27

Lead-Based Paint Screening Results

Table 4

Crowley Building
Lewistown, MT

Reading	Date	Time	Location	Room	Component	Substrate	Color	Lead mg/cm ²	(+/-) Error
51	10-Jul-17	16:16:38	1st Floor	Room N	WALL	DRYWALL	CREAM	0.05	0.04
52	10-Jul-17	16:17:32	1st Floor	Room N	WINDOW FRAME	WOOD	CREAM	1.42	0.19
53	10-Jul-17	16:18:29	1st Floor	Room N	WALL	PLASTER	CREAM	0.1	0.08
54	10-Jul-17	16:19:50	1st Floor	Room P	WALL	WOOD	WHITE	0	0
55	10-Jul-17	16:20:24	1st Floor	Room P	WINDOW FRAME	WOOD	WHITE	1.3	0.15
56	10-Jul-17	16:21:14	1st Floor	Room P	WALL	PLASTER	WHITE	0.05	0.04
57	10-Jul-17	16:28:58	2nd Floor	Stairwell	WALL	DRYWALL	WHITE	0.06	0.03
58	10-Jul-17	16:29:30	2nd Floor	Stairwell	WALL	WOOD	WHITE	0.04	0.02
59	10-Jul-17	16:30:07	2nd Floor	Stairwell	FLOOR	WOOD	GRAY	0.05	0.02
60	10-Jul-17	17:34:49	2nd Floor	General	WALL	PLASTER	PINK	0.2	0.06
61	10-Jul-17	17:35:37	2nd Floor	General	WALL	PLASTER	GREEN	0.14	0.05
62	10-Jul-17	17:36:12	2nd Floor	General	WALL	PLASTER	CREAM	0.09	0.03
63	10-Jul-17	17:36:55	2nd Floor	General	WALL	PLASTER	GRAY	0.15	0.07
64	10-Jul-17	17:38:32	2nd Floor	General	WALL	PLASTER	BROWN	0.29	0.06
65	10-Jul-17	17:39:42	2nd Floor	General	WALL	PLASTER	CREAM	0.17	0.05
66	10-Jul-17	17:40:10	2nd Floor	General	WALL	PLASTER	CREAM	0.29	0.06
67	10-Jul-17	17:42:07	2nd Floor	General	WALL	PLASTER	GREEN	0.1	0.06
68	10-Jul-17	17:42:50	2nd Floor	General	CEILING	PLASTER	GRAY	0.09	0.06
69	10-Jul-17	17:43:54	2nd Floor	General	WINDOW FRAME	WOOD	WHITE	0.26	0.03
70	10-Jul-17	17:44:51	2nd Floor	General	BASEBOARD	WOOD	WHITE	1.33	0.14
71	10-Jul-17	17:49:56	2nd Floor	Hallway	BASEBOARD	WOOD	WHITE	0	0
72	10-Jul-17	17:50:20	2nd Floor	Hallway	WALL	WOOD	WHITE	0.02	0.02
73	10-Jul-17	17:50:56	2nd Floor	Hallway	WALL	WOOD	WHITE	0.07	0.03
74	10-Jul-17	17:54:23	3rd floor - 1st apt	Room A	WALL	PLASTER	GREEN	1	0.08
75	10-Jul-17	17:55:21	3rd floor - 1st apt	Room A	WALL	PLASTER	PINK	0.11	0.04
76	10-Jul-17	17:56:19	3rd floor - 1st apt	Room B	WALL	PLASTER	GREEN	1	0.12
77	10-Jul-17	17:56:57	3rd floor - 1st apt	Room B	WALL	PLASTER	PINK	0.33	0.1
78	10-Jul-17	17:58:22	3rd floor - 1st apt	Room C	WALL	PLASTER	PINK	0.09	0.05
79	10-Jul-17	17:58:55	3rd floor - 1st apt	Room C	WALL	PLASTER	YELLOW	0.27	0.11
80	10-Jul-17	17:59:45	3rd floor - 1st apt	Room D	WALL	PLASTER	GREEN	0.42	0.11
81	10-Jul-17	18:00:31	3rd floor - 1st apt	Room E	WALL	PLASTER	YELLOW	0.11	0.03
82	10-Jul-17	18:01:33	3rd floor - 1st apt	Room F	WALL	PLASTER	PINK	1	0.18
83	10-Jul-17	18:02:12	3rd floor - 1st apt	Room F	WALL	PLASTER	YELLOW	0.62	0.09
84	10-Jul-17	18:03:11	3rd floor - 1st apt	Room G	WALL	PLASTER	YELLOW	0.46	0.1
85	10-Jul-17	18:03:45	3rd floor - 1st apt	Room G	WALL	PLASTER	WHITE	0.63	0.11
86	10-Jul-17	18:04:33	3rd floor - 1st apt	Room H	WALL	PLASTER	GREEN	0.34	0.13
87	10-Jul-17	18:05:29	3rd floor - 1st apt	Room H	WALL	PLASTER	YELLOW	0.45	0.07
88	10-Jul-17	18:06:16	3rd floor - 1st apt	Room I	WALL	PLASTER	ORANGE	0.04	0.02
89	10-Jul-17	18:07:07	3rd floor - 1st apt	Room J	WALL	PLASTER	GREEN	1	0.07
90	10-Jul-17	18:08:40	3rd floor - 1st apt	Room K	WALL	PLASTER	CREAM	0.06	0.04
91	10-Jul-17	18:09:44	3rd floor - 1st apt	Room L	WALL	WOOD	YELLOW	1.03	0.09
92	10-Jul-17	18:12:04	3rd floor - 2nd apt	Room A	WALL	PLASTER	CORAL	1	0.16
93	10-Jul-17	18:12:49	3rd floor - 2nd apt	Room A	WALL	PLASTER	GREEN	0.36	0.05
94	10-Jul-17	18:13:35	3rd floor - 2nd apt	Room B	WALL	PLASTER	BLUE	0.53	0.2
95	10-Jul-17	18:14:19	3rd floor - 2nd apt	Room B	WALL	PLASTER	YELLOW	0.28	0.1
96	10-Jul-17	18:15:03	3rd floor - 2nd apt	Room C	WALL	PLASTER	RED	0.26	0.07
97	10-Jul-17	18:15:53	3rd floor - 2nd apt	Room C	WALL	PLASTER	RED	0.39	0.15
98	10-Jul-17	18:16:45	3rd floor - 2nd apt	Room D	WALL	PLASTER	RED	1	0.07
99	10-Jul-17	18:19:00	3rd floor - 2nd apt	Room E	WALL	PLASTER	WHITE	0.08	0.03
100	10-Jul-17	18:20:12	3rd floor - 2nd apt	Room F	WALL	PLASTER	PINK	0.28	0.15
101	10-Jul-17	18:20:44	3rd floor - 2nd apt	Room F	BASEBOARD	WOOD	YELLOW	3.55	0.28
102	10-Jul-17	18:21:46	3rd floor - 2nd apt	Room F	WALL	PLASTER	YELLOW	0.11	0.04
103	10-Jul-17	18:22:35	3rd floor - 2nd apt	Room G	WALL	PLASTER	BLUE	0.67	0.12
104	10-Jul-17	18:23:10	3rd floor - 2nd apt	Room G	WALL	PLASTER	GREEN	0.18	0.06
105	10-Jul-17	18:23:52	3rd floor - 2nd apt	Room H	WALL	PLASTER	GREEN	0.18	0.08
106	10-Jul-17	18:24:32	3rd floor - 2nd apt	Room G	BASEBOARD	WOOD	YELLOW	2.81	0.39
107	10-Jul-17	18:25:18	3rd floor - 2nd apt	Room J	BASEBOARD	WOOD	YELLOW	1.26	0.1
108	10-Jul-17	18:26:24	3rd floor - 2nd apt	Room J	WALL	PLASTER	PINK	0.25	0.11
109	10-Jul-17	18:28:28	3rd floor - offices	Room A	WALL	PLASTER	CREAM	0.29	0.13
110	10-Jul-17	18:28:54	3rd floor - offices	Room A	WALL	PLASTER	CREAM	0.38	0.14
111	10-Jul-17	18:30:20	3rd floor - offices	Room A	WALL	PLASTER	GREEN	1	0.1
112	10-Jul-17	18:31:10	3rd floor - offices	Room B	WALL	PLASTER	GREEN	0.19	0.08
113	10-Jul-17	18:31:43	3rd floor - offices	Room B	WALL	PLASTER	GREEN	0.34	0.09
114	10-Jul-17	18:32:12	3rd floor - offices	Room B	WALL	PLASTER	YELLOW	1	0.04
115	10-Jul-17	18:33:41	-						
116	10-Jul-17	18:35:23	3rd floor - offices	Room C	WALL	PLASTER	CORAL	0.34	0.11
117	10-Jul-17	18:35:51	3rd floor - offices	Room C	WALL	PLASTER	GREEN	0.37	0.12
118	10-Jul-17	18:36:37	3rd floor - offices	Room C	WALL	PLASTER	CREAM	1	0.15

Lead-Based Paint Screening Results
Crowley Building
Lewistown, MT

Table 4

Reading	Date	Time	Location	Room	Component	Substrate	Color	Lead mg/cm ²	(+/-) Error
119	10-Jul-17	18:38:14	3rd floor - offices	Room D	WALL	PLASTER	WHITE	0.14	0.07
120	10-Jul-17	18:38:48	3rd floor - offices	Room D	WALL	PLASTER	GREEN	0.19	0.09
121	10-Jul-17	18:39:38	3rd floor - offices	Room D	WALL	PLASTER	GREEN	0.54	0.03
122	10-Jul-17	18:40:50	3rd floor - offices	Room D	WALL	PLASTER	YELLOW	0.34	0.03
123	10-Jul-17	18:42:42	3rd floor - offices	Room E	WALL	PLASTER	CREAM	0.09	0.03
124	10-Jul-17	18:43:31	3rd floor - offices	Room E	WALL	PLASTER	CREAM	0.32	0.09
125	10-Jul-17	18:44:42	3rd floor - offices	Room F	WALL	PLASTER	GREEN	0.05	0.03
126	10-Jul-17	18:45:27	3rd floor - offices	Room G	WALL	PLASTER	GREEN	0.14	0.07
8	11-Jul-17	8:38:30	2nd floor	Room A	WALL	PLASTER	PINK	0.26	0.09
9	11-Jul-17	8:41:12	2nd Floor	Room A	WALL	PLASTER	GREEN	1	0.05
10	11-Jul-17	8:41:41	2nd Floor	Room A	WALL	PLASTER	PINK	0.2	0.07
11	11-Jul-17	8:42:35	2nd Floor	Room B	WALL	PLASTER	GREEN	0.08	0.02
12	11-Jul-17	8:43:02	2nd Floor	Room B	WALL	PLASTER	GRAY	0.18	0.07
13	11-Jul-17	8:43:23	2nd Floor	Room B	WALL	PLASTER	GRAY	0.23	0.11
14	11-Jul-17	8:44:48	2nd Floor	Room C	WALL	PLASTER	PINK	0.32	0.15
15	11-Jul-17	8:45:22	2nd Floor	Room C	WALL	PLASTER	GREEN	1	0.09
16	11-Jul-17	8:45:52	2nd Floor	Room C	WALL	PLASTER	WHITE	0.44	0.13
17	11-Jul-17	8:47:38	2nd Floor	Room D	WALL	PLASTER	GREEN	1	0.08
18	11-Jul-17	8:49:05	2nd Floor	Room D	WALL	PLASTER	GREEN	0.28	0.09
19	11-Jul-17	8:49:40	2nd Floor	Room D	WALL	PLASTER	WHITE	1	0.08
20	11-Jul-17	8:51:35	2nd Floor	Room E	WALL	PLASTER	LT BLUE	0.11	0.06
21	11-Jul-17	8:52:19	2nd Floor	Room E	WALL	PLASTER	WHITE	1	0.03
22	11-Jul-17	8:54:00	2nd Floor	Room F	WALL	PLASTER	LT BLUE	1	0.05
23	11-Jul-17	8:55:11	2nd Floor	Room F	WALL	PLASTER	GREEN	1	0.08
24	11-Jul-17	8:55:40	2nd Floor	Room F	WALL	PLASTER	WHITE	0.4	0.09
25	11-Jul-17	8:56:56	2nd Floor	Room G	WALL	PLASTER	BROWN	1	0.11
26	11-Jul-17	8:58:08	2nd Floor	Room G	WALL	PLASTER	GRAY	0.4	0.08
27	11-Jul-17	8:58:47	2nd Floor	Room G	WALL	PLASTER	GREEN	0.34	0.07
28	11-Jul-17	8:59:26	2nd Floor	Room G	DOOR	WOOD	GREEN	0.08	0.03
29	11-Jul-17	9:00:38	2nd Floor	Room H	WALL	WOOD	GREEN	0.31	0.03
30	11-Jul-17	9:02:29	2nd Floor	Room I	WALL	PLASTER	GREEN	1	0.08
31	11-Jul-17	9:03:37	2nd Floor	Room I	WALL	PLASTER	GREEN	0.25	0.11
32	11-Jul-17	9:04:12	2nd Floor	Room I	WALL	PLASTER	GRAY	0.2	0.08
33	11-Jul-17	9:05:33	2nd Floor	Room J	WALL	PLASTER	PINK	0.3	0.07
34	11-Jul-17	9:06:23	2nd Floor	Room J	WALL	PLASTER	WHITE	0.09	0.02
35	11-Jul-17	9:08:33	2nd Floor	Room K	WALL	PLASTER	PINK	1	0.07
36	11-Jul-17	9:09:38	2nd Floor	Room K	WALL	PLASTER	GREEN	1	0.13
37	11-Jul-17	9:12:07	2nd Floor	Room L	WALL	PLASTER	GREEN	0.2	0.08
38	11-Jul-17	9:13:26	2nd Floor	Room L	WALL	PLASTER	GREEN	1	0.09
39	11-Jul-17	9:13:57	2nd Floor	Room L	WALL	PLASTER	PINK	1	0.2
40	11-Jul-17	9:15:06	2nd Floor	Room M	WALL	PLASTER	PINK	0.6	0.12
41	11-Jul-17	9:15:37	2nd Floor	Room M	WALL	PLASTER	GREEN	0.56	0.1
42	11-Jul-17	9:16:12	2nd Floor	Room M	WALL	PLASTER	GREEN	0.76	0.05
43	11-Jul-17	9:17:12	2nd Floor	Room M	BASEBOARD	WOOD	WHITE	5	0.69
44	11-Jul-17	9:17:59	2nd Floor	Room N	WALL	WOOD	PINK	0.08	0.03
45	11-Jul-17	9:18:43	2nd Floor	Room N	WALL	PLASTER	WHITE	0.61	0.17

APPENDIX A
PHOTOGRAPH LOG

Project Name: Phase II Site Photos –
Crowley Building Lewistown

Site Location:
Lewistown, Fergus County, Montana

Project No.
0003/1705-13

Photo No. 1	Date: 07/10/2017	
Photo Coordinates		
Lat	47.065278	
Long	-109.426389	
Direction Photo Taken: Down		
Description: Potential Mold in basement of building.		
Photo No. 2	Date: 07/10/2017	
Photo Coordinates		
Lat	47.065	
Long	-109.426389	
Direction Photo Taken: Southeast		
Description: Mercury containing thermostat on main floor.		

Project Name: Phase II Site Photos –
Crowley Building Lewistown

Site Location:
Lewistown, Fergus County, Montana

Project No.
0003/1705-13

Photo No. 3	Date: 07/10/2017
Photo Coordinates	
Lat	47.065
Long	-109.426111
Direction Photo Taken: Northwest	
Description: Mercury containing thermostat on main floor,	



Photo No. 4	Date: 07/10/2017
Photo Coordinates	
Lat	47.065
Long	-109.426111
Direction Photo Taken: Up	
Description: Lighting ballast with “no-PCB” sticker.	



Project Name: Phase II Site Photos –
Crowley Building Lewistown

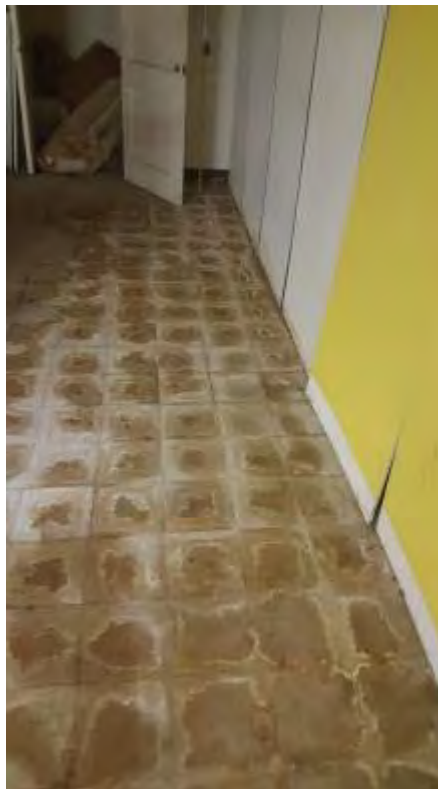
Site Location:
Lewistown, Fergus County, Montana

Project No.
0003/1705-13

Photo No. 5	Date: 07/10/2017
Photo Coordinates	
Lat	47.065
Long	-109.426111
Direction Photo Taken: West	
Description: Mercury switches on boiler in basement boiler room.	



Photo No. 6	Date: 07/10/2017
Photo Coordinates	
Lat	47.065
Long	-109.426111
Direction Photo Taken: Southwest	
Description: Water damage on floor in basement. Note ACM tile.	



Project Name: Phase II Site Photos –
Crowley Building Lewistown

Site Location:
Lewistown, Fergus County, Montana

Project No.
0003/1705-13

Photo No. 7	Date: 07/10/2017
Photo Coordinates	
Lat	47.064722
Long	-109.426111
Direction Photo Taken: Northwest	
Description: Typical painting pattern, top color, black tape divide, lower wall color.	



Photo No. 8	Date: 07/11/2017
Photo Coordinates	
Lat	--
Long	--
Direction Photo Taken: Southwest	
Description: Second floor with pass-through openings to third floor. Note HVAC run across floor, pink insulation non-ACM.	



Project Name: Phase II Site Photos –
Crowley Building Lewistown

Site Location:
Lewistown, Fergus County, Montana

Project No.
0003/1705-13

Photo No. 9	Date: 07/11/2017
Photo Coordinates	
Lat	--
Long	--
Direction Photo Taken: Southwest	
Description: Second floor with pass-through openings to third floor. Note HVAC run across floor, pink insulation non-ACM.	



Photo No. 10	Date: 07/11/2017
Photo Coordinates	
Lat	--
Long	--
Direction Photo Taken: East	
Description: Water damage and deteriorating ceiling on third floor.	



APPENDIX B

LABORATORY REPORTS



July 18, 2017

Subcontract Number: NA
Laboratory Report: RES 384386-2
Project # / P.O. # 20408.016.003.0487.00
Project Description: Crowley Building Lewiston

Weston Solutions, Inc. (CO)
1435 Garrison St. Ste. 100
Lakewood CO 80215

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 101896-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 101533 - Accreditation Certificate #480 for Phase Contrast Microscopy (PCM) analysis. This laboratory is currently proficient in both Proficiency Testing and PAT programs respectively.

Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 384386-2 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,



Gina Veltraine for

Jeanne Spencer
President

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 384386-2**
 Client: **Weston Solutions, Inc. (CO)**
 Client Project Number / P.O.: **20408.016.003.0487.00**
 Client Project Description: **Crowley Building Lewiston**
 Date Samples Received: **July 13, 2017**
 Method: **EPA 600/R-93/116 - Point Count, Bulk**
 Turnaround: **3-5 Day**
 Date Samples Analyzed: **July 18, 2017**

ND=None Detected
 TR=Trace, <1% Visual Estimate
 Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CBL-PL01-001	EM 1895359	A	Tan granular paper	100		ND	2	98
CBL-LN01-002	EM 1895360	A	Brown/off white sheet vinyl w/ black fibrous backing	100		ND	50	50
CBL-LN02-003	EM 1895361	A	Gray/yellow sheet vinyl w/ black fibrous backing	100		ND	50	50
CBL-LN03-004	EM 1895362	A	Yellow/gray sheet vinyl w/ black fibrous backing	100		ND	50	50
CBL-LN04-005	EM 1895363	A	Yellow/gray sheet vinyl w/ brown fibrous backing	100		ND	50	50
CBL-PL01-006	EM 1895364	A	White plaster	2		ND	0	100
		B	Tan granular plaster	98	Chrysotile Point Count	TR <0.25	TR	100
CBL-LN05-007	EM 1895365	A	Dark blue sheet vinyl w/ black fibrous backing	100		ND	50	50
CBL-LN06-008	EM 1895366	A	Brown sheet vinyl w/ black fibrous backing	100		ND	50	50
CBL-LN07-009	EM 1895367	A	Black/gray sheet vinyl w/ black fibrous backing	100		ND	50	50
CBL-LN08-010	EM 1895368	A	Gray/off white sheet vinyl w/ black fibrous backing	100		ND	50	50

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

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					Mineral	Visual Estimate (%)		
CBL-PL01-011	EM 1895369	A	Green/multi-colored paint	1		ND	0	100
		B	Pink paint w/ multi-layered wall covering	4		ND	90	10
		C	Grayish-tan granular	95		ND	TR	100
CBL-LN09-012	EM 1895370	A	Red/gray sheet vinyl w/ black fibrous backing	100		ND	50	50
CBL-PL01-013	EM 1895371	A	Off white/multi-colored paint	2		ND	0	100
		B	Off white granular plaster	10		ND	0	100
		C	Tan granular plaster	88		ND	TR	100
CBL-IN01-014	EM 1895372	A	Pink fibrous material	100		ND	95	5
CBL-LN10-015	EM 1895373	A	Gray/off white sheet vinyl w/ black fibrous backing	100		ND	50	50
CBL-LN11-016	EM 1895374	A	Orange/gray/multi-colored sheet vinyl w/ black fibrous backing	100		ND	50	50
CBL-LN12-017	EM 1895375	A	Tan/off white/multi-colored sheet vinyl w/ black fibrous backing	100		ND	50	50

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					Mineral	Visual Estimate (%)		
CBL-LN13-018	EM 1895376	A	Brown & off white resinous material	5		ND	0	100
		B	Black felt	15		ND	80	20
		C	Gray sheet vinyl w/ black fibrous backing	80		ND	50	50
CBL-PL01-019	EM 1895377	A	Gray/off white paint	1		ND	0	100
		B	Gray granular plaster	99		ND	TR	100
CBL-LN14-020	EM 1895378	A	Gray/light gray sheet vinyl w/ black fibrous backing	100		ND	50	50
CBL-LN15-021	EM 1895379	A	Blue/orange sheet vinyl w/ black fibrous backing	100		ND	50	50
CBL-LN16-022	EM 1895380	A	Gray/red/off white sheet vinyl w/ black fibrous backing	100		ND	50	50
CBL-PL01-023	EM 1895381	A	Pink/multi-colored paint	2		ND	0	100
		B	Off white granular plaster	10		ND	0	100
		C	Tan granular plaster	88		ND	TR	100
CBL-LN17-024	EM 1895382	A	Gray/light gray sheet vinyl w/ black fibrous backing	100		ND	50	50
CBL-LN18-025	EM 1895383	A	Black/off white/green sheet vinyl w/ black fibrous backing	100		ND	50	50

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					Mineral	Visual Estimate (%)		
CBL-LN19-026	EM 1895384	A	Gray/white sheet vinyl w/ black fibrous backing	30		ND	50	50
		B	Tan/brown/pink sheet vinyl w/ black fibrous backing	30		ND	50	50
		C	Blue-black/brown sheet vinyl w/ brown woven backing	40		ND	50	50
CBL-LN19-027	EM 1895385	A	Tan/brown/pink sheet vinyl w/ black fibrous backing	30		ND	50	50
		B	Gray/yellow sheet vinyl w/ black fibrous backing	30		ND	50	50
		C	Blue-black/brown sheet vinyl w/ brown woven backing	40		ND	50	50
CBL-PL01-028	EM 1895386	A	Green/multi-colored paint	3		ND	0	100
		B	Gray granular plaster	97		ND	TR	100
CBL-LN20-029	EM 1895387	A	Gray/tan/reddish-brown sheet vinyl w/ black fibrous backing	100		ND	50	50
CBL-LN21-030	EM 1895388	A	Green/light gray sheet vinyl w/ black fibrous backing	100		ND	50	50
CBL-FT01-031	EM 1895389	A	Gray tile	3	Chrysotile	12	0	88
		B	Black tar	97	Chrysotile	10	0	90

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					Mineral	Visual Estimate (%)		
CBL-PL02-032	EM 1895390	A	White plaster	2	Chrysotile Point Count	ND	0	100
		B	Tan granular plaster	98		TR	TR	100
CBL-PL02-033	EM 1895391	A	White/multi-colored paint	1	Point Count	ND	0	100
		B	Gray granular plaster	99		ND	TR	100
CBL-PL02-034	EM 1895392	A	Tan granular plaster	2		ND	TR	100
		B	Green/white paint	5		ND	0	100
		C	Off white granular plaster	93		ND	0	100
CBL-PL02-035	EM 1895393	A	Green/white paint	2		ND	0	100
		B	Off white granular plaster	45		ND	0	100
		C	Tan granular plaster	53		ND	TR	100

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					Mineral	Visual Estimate (%)		
CBL-DW01-036	EM 1895394	A	Off white/multi-colored paint	1		ND	0	100
		B	White tape	2		ND	95	5
		C	Off white texture	3	Chrysotile	5	0	95
		D	Off white joint compound	3	Chrysotile	5	0	95
		E	White/brown drywall	91		ND	15	85
CBL-DW01-037	EM 1895395	A	Off white paint	1		ND	0	100
		B	White tape	2		ND	95	5
		C	White joint compound	2	Chrysotile	5	0	95
		D	White compound	3	Chrysotile	5	0	95
		E	White/brown drywall	92		ND	15	85
CBL-DW01-038	EM 1895396	A	White paint	1		ND	0	100
		B	White compound	3	Chrysotile	5	0	95
		C	White/brown drywall	96		ND	15	85

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					Mineral	Visual Estimate (%)		
CBL-DW01-039	EM 1895397	A	Light gray paint	1		ND	0	100
		B	White joint compound	1	Chrysotile	5	0	95
		C	White tape	2		ND	95	5
		D	White compound	3	Chrysotile	5	0	95
		E	White/brown drywall	93		ND	15	85
CBL-DW01-040	EM 1895398	A	Light gray paint	1		ND	0	100
		B	White joint compound	1	Chrysotile	5	0	95
		C	White tape	2		ND	95	5
		D	White compound	3	Chrysotile	5	0	95
		E	White/brown drywall	93		ND	15	85

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					Mineral	Visual Estimate (%)		
CBL-DW01-041	EM 1895399	A	Light gray paint	1		ND	0	100
		B	White joint compound	1	Chrysotile	5	0	95
		C	White compound	2	Chrysotile	5	0	95
		D	White tape	2		ND	95	5
		E	White/brown drywall	94		ND	15	85
CBL-DW01-042	EM 1895400	A	White/brown drywall w/ off white paint	100		ND	15	85
CBL-DW01-043	EM 1895401	A	Gray/brown drywall w/ off white paint	100		ND	15	85
CBL-LN22-044	EM 1895402	A	White/gray/gold glitter sheet vinyl w/ green/gray fibrous backing	100		ND	50	50
CBL-LN22-045	EM 1895403	A	White/gray/gold glitter sheet vinyl w/ green/gray fibrous backing	100		ND	50	50
CBL-PL02-046	EM 1895404	A	White plaster	5		ND	0	100
		B	Light gray granular plaster	95		ND	TR	100

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					Mineral	Visual Estimate (%)		
CBL-PL02-047	EM 1895405	A	White plaster	2		ND	0	100
		B	Off white granular plaster	35		ND	0	100
		C	Tan granular plaster	63		ND	TR	100
CBL-PL02-048	EM 1895406	A	White plaster	5		ND	0	100
		B	Gray granular plaster	95		ND	TR	100
CBL-FT02-049	EM 1895407	A	Black tar	2		ND	8	92
		B	Gray/brown tile	98	Chrysotile	6	0	94
CBL-LN23-050	EM 1895408	A	White sheet vinyl w/ gray fibrous backing & off white mastic	100		ND	20	80
CBL-LN24-051	EM 1895409	A	White leveling compound	5		ND	0	100
		B	White sheet vinyl w/ gray fibrous backing & off white mastic	95		ND	20	80
CBL-LN25-052	EM 1895410	A	Light gray/white sheet vinyl w/ gray fibrous backing & off white mastic	100		ND	20	80

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					Mineral	Visual Estimate (%)		
CBL-DW02-053	EM 1895411	A	White paint w/ white texture	2		ND	0	100
		B	Pink/brown drywall	98		ND	15	85
CBL-DW02-054	EM 1895412	A	Pink/multi-colored paint	1		ND	0	100
		B	White tape	1		ND	95	5
		C	Gray joint compound	1	Chrysotile	3	0	97
		D	Gray compound	3	Chrysotile	3	0	97
		E	Gray/brown drywall	94		ND	15	85
CBL-DW02-055	EM 1895413	A	Pink paint w/ white compound	3		ND	0	100
		B	Pink/brown drywall	97		ND	15	85
CBL-DW02-056	EM 1895414	A	Light gray/pink paint w/ white compound	3		ND	0	100
		B	Pink/brown drywall	97		ND	15	85
CBL-DW02-057	EM 1895415	A	Pink/brown drywall w/ blue/yellow paint	100		ND	15	85

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					Mineral	Visual Estimate (%)		
CBL-DW02-058	EM 1895416	A	Light gray paint	1		ND	0	100
		B	White compound	2	Chrysotile	3	0	97
		C	Gray/brown drywall	97		ND	15	85
CBL-DW02-059	EM 1895417	A	White compound	TR	Chrysotile	TR	0	100
		B	White compound	1		ND	0	100
		C	Dark pink/multi-colored paint	1		ND	0	100
		D	White tape	2		ND	95	5
		E	White paint w/ white compound	3		ND	0	100
		F	Gray/brown drywall	93		ND	15	85

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.


 Anita Grigg
 Analyst / Data QA

Page 1 of 3

INVOICE TO: (IF DIFFERENT)

After Hours Cell Phone: 720-339-9228

CONTACT INFORMATION:

Company	Weston Solutions	Company	Same	Contact	Elliott Petri	Contact
Address:	1425 Garrison St #100	Address:	Same	Phone:	303-729-6156	Phone:
	Lakewood, CO 80215			Fax:		Fax:
				Cell pager:	719-216-2754	Cell pager:
Project Number and/or P.O. #:				Final Data Deliverable Email Address:		
20408.016.003.0487.00				elliott.petri@westonsolutions.com		
Project Description/Location:				Crowley Building 1 Lewis/round		

ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm
 PLM / PCM / TEM _____ RUSH (Same Day) _____ PRIORITY (Next Day) _____ X STANDARD
 (Rush PCM = 2hr. TEM = 6hr.)

CHEMISTRY | LABORATORY HOURS: Weekdays: 8am - 5pm

CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm

Metal(s) / Dust _____ RUSH ___ 24 hr. ___ 3-5 Day

RCRA 8 / Metals & Welding _____ RUSH ___ 5 day ___ 10 day

Fume Scan / TCLP _____ RUSH ___ 5 day ___ 10 day

Prior notification is required for RUSH turnarounds.

Organics _____ 24 hr. _____ 3 day _____ 5 Day

MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm

E.coli O157:H7, Coliforms, S.aureus	24 hr.	2 Day	3-5 Day
Salmonella, Listeria, E.coli, APC, Y & M	48 Hr.	3-5 Day	
Field	RUSH	24 Hr.	48 Hr. 3 Day 5 Day

²² Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.²³

Special Instructions:

Client sample ID number
(Sample ID's must be unique)

1	CBL-PL01-001
---	--------------

2	CPI 1 N101 000
---	----------------

2	CBL-LN01-002
---	--------------

3 CBL-LN02-003

4	CBI - I N03-004
---	-----------------

100-2017-700

5 CBL-LN04-005

6	CBL-PL01-006
---	--------------

1	1
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7 CBL-LN05-007

8	CBL-LN06-008
---	--------------

CBI 1 N107 000

9	CBL-LIN07-005
---	---------------

10 CBL-LN08-010

Number of samples received:

(Additional samples shall be listed on attached long form.)

NOTE: NEI will analyze incoming samples based upon information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis is understood to be an analytical services agreement with payment terms of NET 30 days. Failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Delinquished By: [Signature] Date/Time: 7/13/17 13:45

Laboratory Use Only

Laboratory
Received By:

Results:	
----------	--

510

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RES Job # 34386 Page 2 of 3

Submitted by: Elliott Petri - Weston Solutions

Client sample ID number (Sample ID's must be unique)	REQUESTED ANALYSIS										VALID MATRIX CODES				LAB NOTES:			
	PLM - Short report, Long report, Point Count	TEM - AHERA, Level II, 7402, ISO +/- Quant, Semi-quant, Micro-vac, ISO-Indirect Prep	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan	ORGANICS - METH	MICROBIOLOGY				OTHER -	Sample Volume (L) / Area	Matrix Code	# Containers		Date Collected mm/dd/yy	Time Collected hh:mm a/p	EM Number (Laboratory Use Only)
11 CBL-PL01-011	X																	
12 CBL-LN09-012	X																	26
13 CBL-PL01-013	X																	
14 CBL-IN01-014	X																	
15 CBL-LN10-015	X																	
16 CBL-LN11-016	X																	
17 CBL-LN12-017	X																	
18 CBL-LN13-018	X																	
19 CBL-PL01-019	X																	
20 CBL-LN14-020	X																	
21 CBL-LN15-021	X																	
22 CBL-LN16-022	X																	
23 CBL-PL01-023	X																	
24 CBL-LN17-024	X																	
25 CBL-LN18-025	X																	
26 CBL-LN19-026	X																	
27 CBL-LN19-027	X																	
28 CBL-PL01-028	X																	
29 CBL-LN20-029	X																	
30 CBL-LN21-030	X																	
31 CBL-FT01-031	X																	
32 CBL-PL02-032	X																	
33 CBL-PL02-033	X																	
34 CBL-PL02-034	X																	
35 CBL-PL02-035	X																	
36 CBL-DW01-036	X																	
37 CBL-DW01-037	X																	
38 CBL-DW01-038	X																	
39 CBL-DW01-039	X																	
40 CBL-DW01-040	X																	
41 CBL-DW01-041	X																	

RES Job # 384326 Page 3 of 3

Submitted by: Weston Solutions - Elliott Petri

Client sample ID number (Sample ID's must be unique)

- 42 CBL-DW01-042
- 43 CBL-DW01-043
- 44 CBL-LN22-044
- 45 CBL-LN22-045
- 46 CBL-PL02-046
- 47 CBL-PL02-047
- 48 CBL-PL02-048
- 49 CBL-FT02-049
- 50 CBL-LN23-050
- 51 CBL-LN24-051
- 52 CBL-LN25-052
- 53 CBL-DW02-053
- 54 CBL-DW02-054
- 55 CBL-DW02-055
- 56 CBL-DW02-056
- 57 CBL-DW02-057
- 58 CBL-DW02-058
- 59 CBL-DW02-059

- 60
- 61
- 62
- 63
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- 65
- 66
- 67
- 68
- 69
- 70
- 71
- 72

REQUESTED ANALYSIS		VALID MATRIX CODES		LAB NOTES:
PLM - Short report, Long report, Point Count	TEM - AHERA, Level II, 7402 ISO, +/- Quant Semi-quant Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	
METALS - Analyte(s)		RCRA 8, TCLP, Welding Fume, Metals Scan		EM Number (Laboratory Use Only)
ORGANICS - METH				
MICROBIOLOGY				Date Collected mm/dd/yy
Mold: +/- or Quantification				
Y & M: +/- or Quantification				Time Collected hh:mm a/p
S aureus: +/- or Quantification				
Coliforms: +/- or Quantification				# Containers
E. coli: +/- or Quantification				
Aerobic Plate Count +/- or Quantification				Matrix Code
Listeria +/-				
E. coli O157:H7 +/-				Sample Volume (L) / Area
Salmonella +/-				
OTHER -				

1545300 - NM 504722-10-NM5047

APPENDIX C
SUPPLEMENTARY INFORMATION

CLIENT/SUBJECT Crowley Building LEWISTOWN

W.O. NO. _____

TASK DESCRIPTION _____

TASK NO. _____

PREPARED BY _____ DEPT _____ DATE _____

MATH CHECK BY _____ DEPT _____ DATE _____

METHOD REV. BY _____ DEPT _____ DATE _____

APPROVED BY _____

DEPT _____ DATE _____

SAMPLE (CBL-)	DESCRIPTION	EXTENTS	COLOR	FLAMBLE (Y/N)	
PL01-001	Plaster	All walls/ceilings	White	Y	
LN01-002	Marble w/geo	//////	multi	N	
LN02-003	floral pattern	oooooo oooooo	blue/multi	N	
LN03-004	Multi pixelated		tan/multi	N	
LN04-005	Geotech pattern	=====	multi	N	
PL01-006	Plaster	All walls/ceilings	White	X	
LN05-007	Blue geo pattern	AAAAA AAAAA	Blue/multi	N	
LN06-008	Brown Speckled	zzzzz zzzzz	Brown	N	
LN07-009	Blue/yellow geo	=====	Blue/yellow	N	
LN08-010	Blue Speckle	=====	Multi/multi	N	
PL01-011	Plaster	All walls/ceilings	White	X	
LN09-012	Red/white Squares	=====	Red/White	N	
PL01-013	Plaster	All walls/ceilings	White	X	
IN01-014	Insulation	All 2nd floor	Pink	X	6-8" thick
LN10-015	Brown Speckles w/geo boarder	////////	Brown multi	N	
LN11-016	Tan w/Geo	oo oo oo oo	Tan/multi	N	
LN12-017	Brown Speckle w/ pattern	AAAAA	Brown/Tan	N	
LN13-018	Brown Marble	AAAAA	Brown	N	
PL01-019	Plaster	All walls + ceilings	White	X	
LN14-020	Woodgrain w/geo		Gray w/geo	N	
LN15-021	Blue Squiggles		Blue/multi	N	
LN16-022	Blue speckle w/ boarder		Blue/White	N	
PL01-023	Plaster	All walls + ceilings	White	Y	
LN17-024	Blue Feathers	=====	Blue	N	
LN18-025	Marbled Squares Green	=====	Green	N	
LN19-026	Tan speckles w/ some multi color	////////	Gray/Tan w/ some multi	N	
LN19-027	duplicate of LN19-026			N	
PL01-028	Plaster	All walls + ceilings	White/Green	Y	
LN20-029	Marbled Geo	◇◇◇◇◇		N	
LN21-030	Tan + Green			N	

2nd floor

2nd floor

CLIENT/SUBJECT Crawford Bldg - Lewistown

W.O. NO. _____

TASK DESCRIPTION _____

TASK NO. _____

PREPARED BY _____ DEPT _____ DATE _____

MATH CHECK BY _____ DEPT _____ DATE _____

METHOD REV. BY _____ DEPT _____ DATE _____



APPROVED BY

DEPT _____ DATE _____

B15&M04

1st Floor

↑
(not in false wall)

Sample (CBL-)	Description	Extents	Color	Frangible (Y/N)
FT01-031	8"x8" Floor tile, tan		Tan	N
PL02-032	Plaster	All walls + ceilings	White	
PL02-033	Plaster	All walls + ceilings	White	
PL02-034	Plaster			
PL02-035	Plaster			
LN22-036	wood grain			
LN22-037				
DW01-036	Dry wall	All ceiling 	White	
DW01-037	Dry wall		White	
DW01-038	Dry wall		White	
DW01-039	Dry wall		White	
DW01-040	Duplicate of DW01-039			
DW01-041	Dry wall		White	
DW01-042	Dry wall		White	
DW01-043	Dry wall		White	
LN22-044	Linoleum, tan speckle		Tan	
LN22-045	Duplicate of LN22-044			
PL02-046	Plaster		White	
PL02-047	Plaster		White	
PL02-048	Plaster		White	
FT02-049	Floor tile, 12"x12"		Tan	
LN23-050	Tan square w/ flowers in corner		Tan	
LN24-051	Tan squares		Tan	
LN25-052	Tan square w/ center diamonds		Tan	
DW02-053	Dry wall	All walls + ceilings	White	
DW02-054	Dry wall		White	
DW02-055	Dry wall		White	
DW02-056	Dry wall		White	
DW02-057	Dry wall		White	
DW02-058	Dry wall		White	
DW02-059	Dry wall		White	

CLIENT/SUBJECT Crowley Blog

W.O. NO. _____

TASK DESCRIPTION BASEMENT -

TASK NO. _____

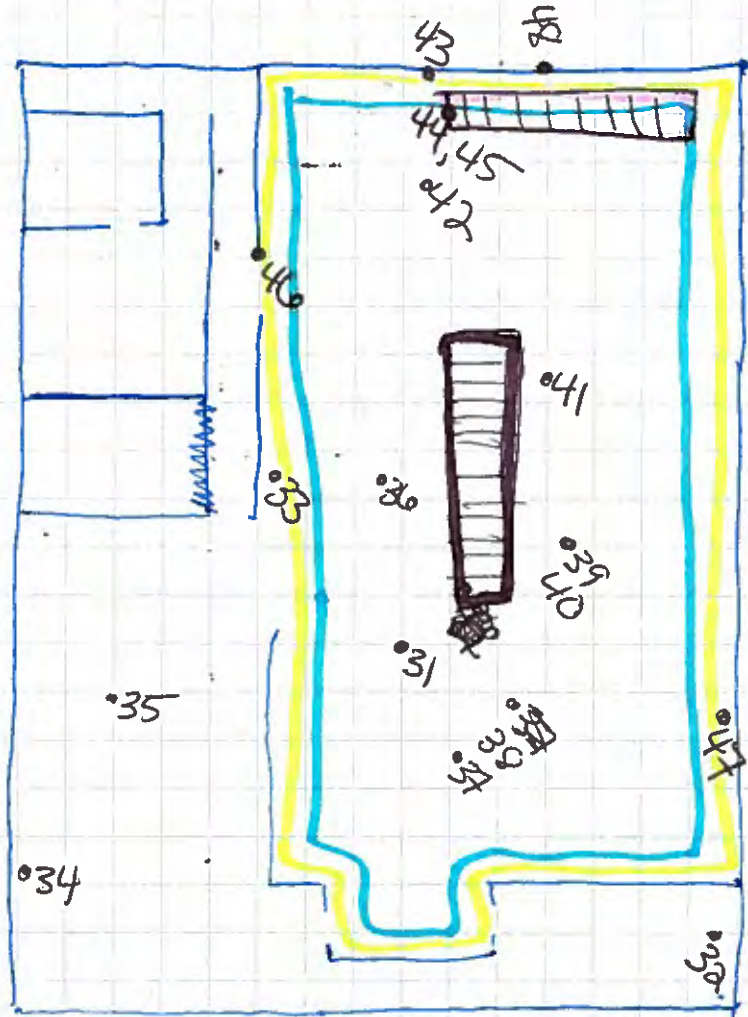
PREPARED BY _____ DEPT _____ DATE _____

APPROVED BY _____

MATH CHECK BY _____ DEPT _____ DATE _____

METHOD REV. BY _____ DEPT _____ DATE _____

DEPT _____ DATE _____



CLIENT/SUBJECT Crowns Bldg

W.O. NO. _____

TASK DESCRIPTION 1st Floor

TASK NO. _____

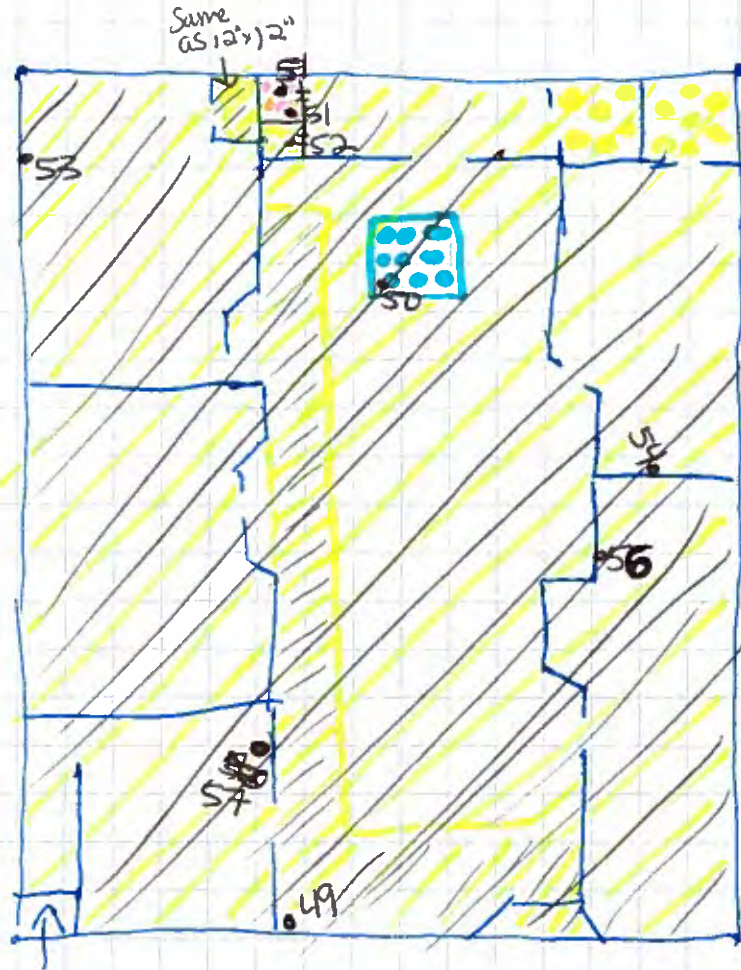
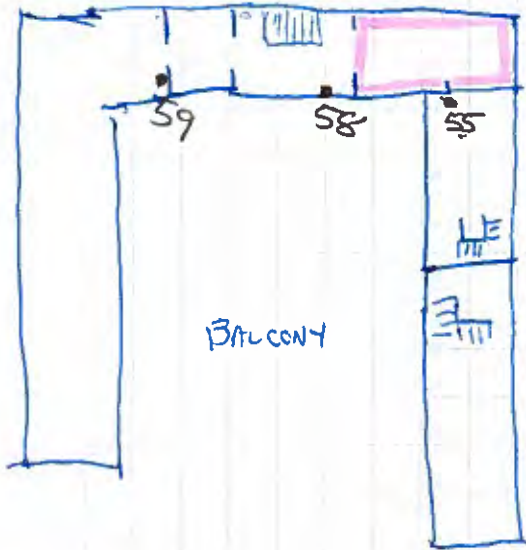
PREPARED BY _____ DEPT _____ DATE _____

APPROVED BY _____

MATH CHECK BY _____ DEPT _____ DATE _____

METHOD REV. BY _____ DEPT _____ DATE _____

DEPT _____ DATE _____



Craney Bloc

W.O. NO. _____

DESCRIPTION 2nd floor

TASK NO. _____

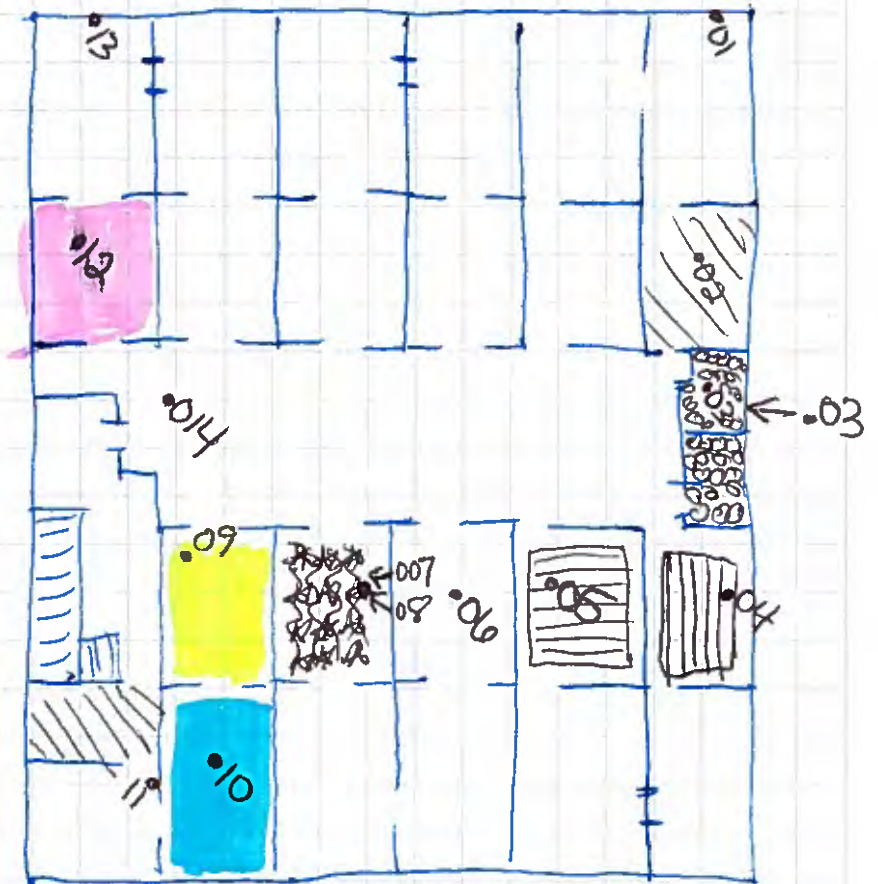
PREPARED BY _____ DEPT _____ DATE _____

MATH CHECK BY _____ DEPT _____ DATE _____

METHOD REV. BY _____ DEPT _____ DATE _____

APPROVED BY _____

DEPT _____ DATE _____





W.O. NO. _____

TASK NO. _____

APPROVED BY

DEPT _____ DATE _____



CLIENT/SUBJECT Crawley Blog W.O. NO. _____

TASK DESCRIPTION Basement TASK NO. _____

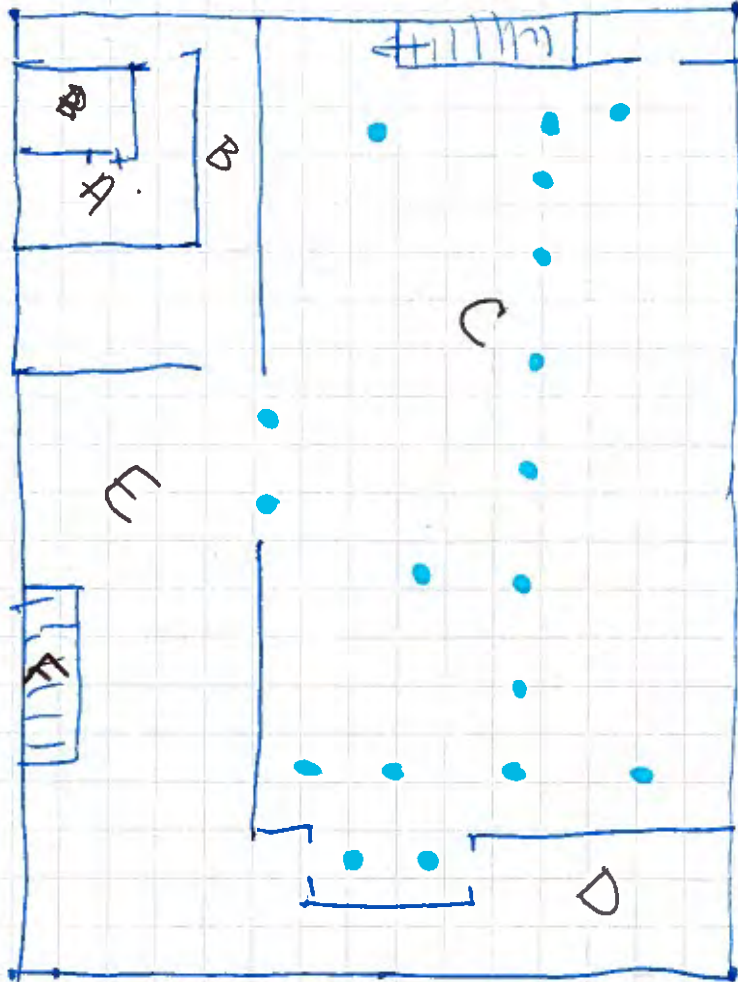
PREPARED BY _____ DEPT _____ DATE _____

MATH CHECK BY _____ DEPT _____ DATE _____

METHOD REV. BY _____ DEPT _____ DATE _____

APPROVED BY	

DEPT _____	DATE _____



• 8" - 8" posts positive for LBP

CLIENT/SUBJECT Crowley Blog

W.O. NO. _____

TASK DESCRIPTION 1st Floor

TASK NO. _____

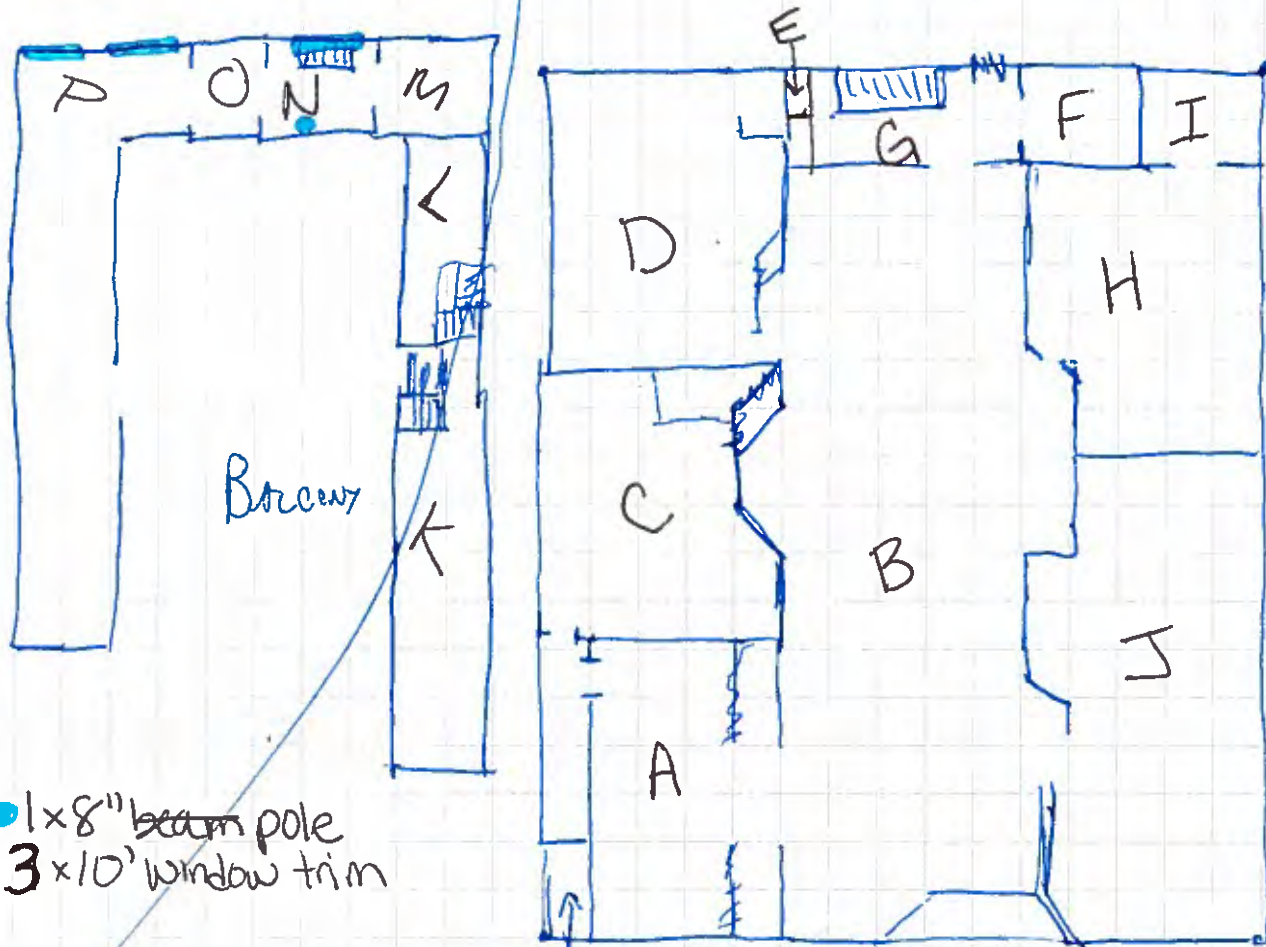
PREPARED BY _____ DEPT _____ DATE _____

APPROVED BY

MATH CHECK BY _____ **DEPT** _____ **DATE** _____

METHOD REV. BY _____ DEPT _____ DATE _____

DEPT _____ DATE _____



- 1x8" ~~beam~~ pole
- 3x10' window trim

Tin ceiling LBP positive - all of 1st floor ceiling

CLIENT/SUBJECT Crowley Bldg W.O. NO. _____

TASK DESCRIPTION 2nd floor TASK NO. _____

PREPARED BY _____ DEPT _____ DATE _____

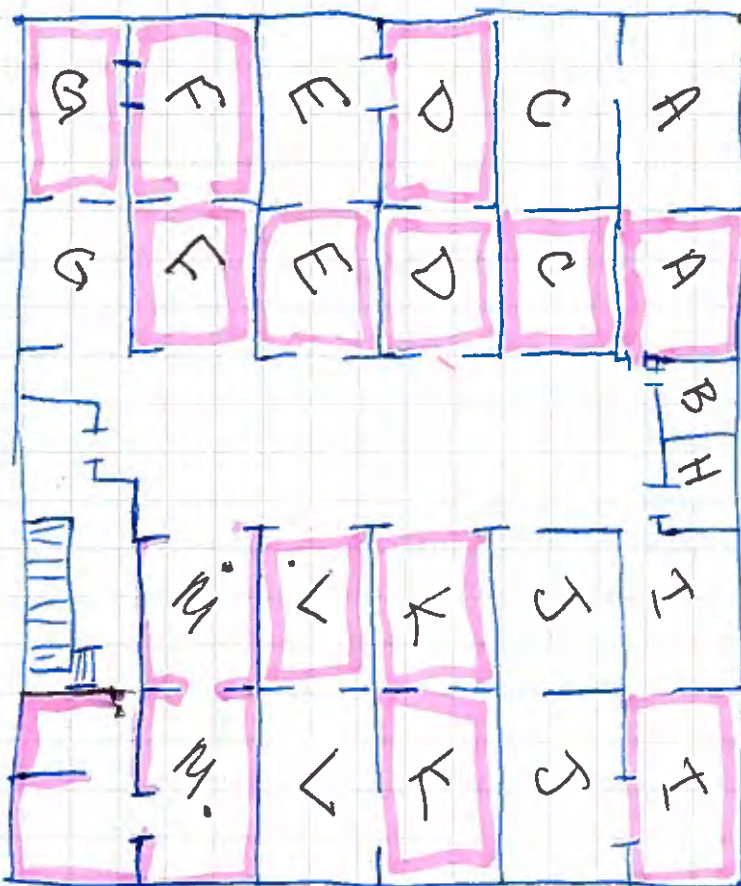
MATH CHECK BY _____ DEPT _____ DATE _____

METHOD REV. BY _____ DEPT _____ DATE _____

APPROVED BY	
_____	_____
DEPT _____	DATE _____

~~CB~~-CBL-MM-##-##

* 1 window accessible for window glaze check - NO GLAZE observed.
All other windows boarded up



Brown wall in
G (Full wall)

Pink wall in
K (Full wall)

● = All base boards (10" high) and trim

Green wall in
A (half wall), C (half wall), D (full wall),
F (half wall), I (full wall), K (full wall),
L (half wall)

Cream wall in
D (half wall), E (full wall)

Blue wall in
F (full wall), L (half wall)

CLIENT/SUBJECT Crowley Blog

W.O. NO. _____

TASK DESCRIPTION 3rd floor

TASK NO. _____

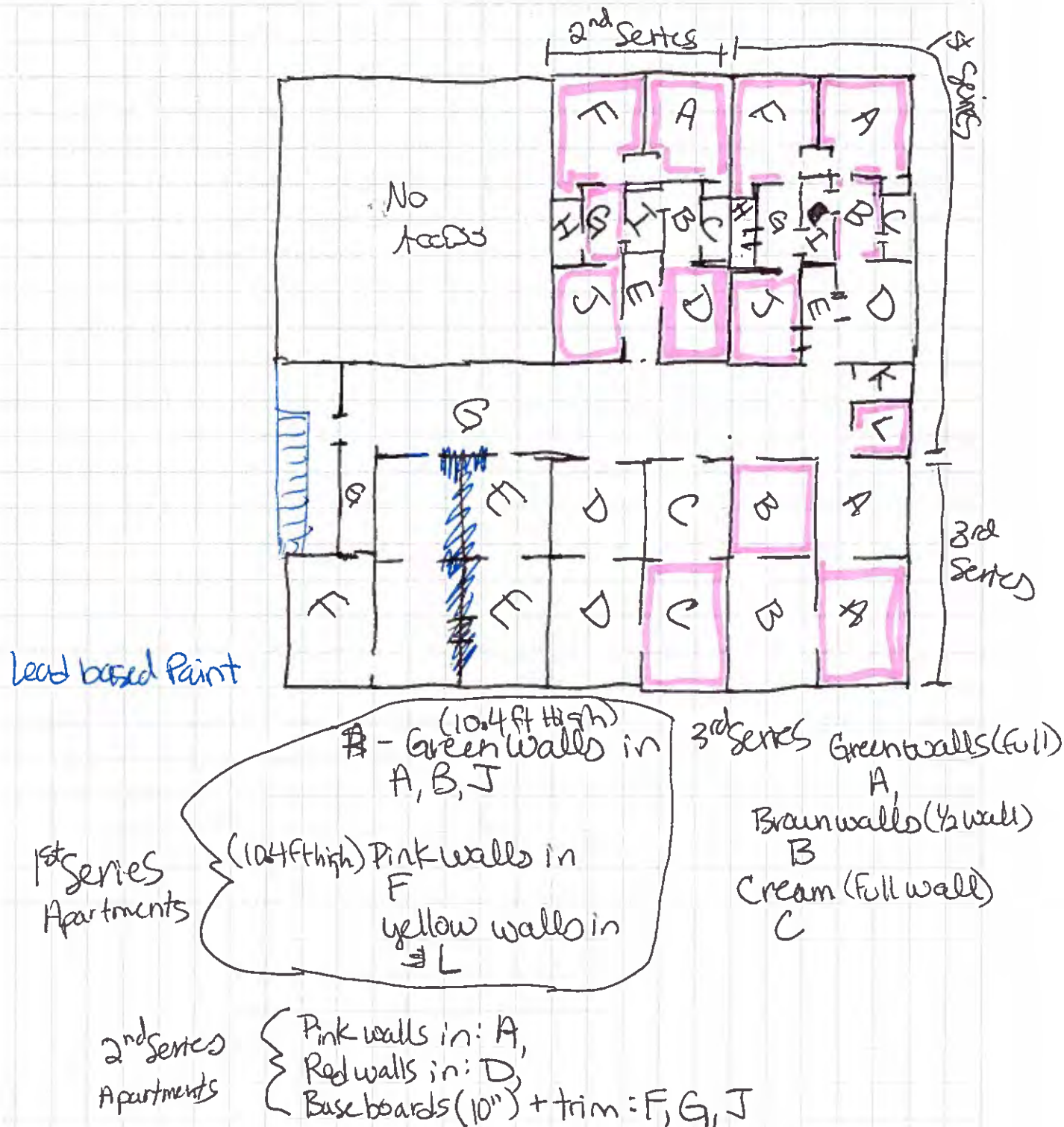
PREPARED BY _____ DEPT _____ DATE _____

APPROVED BY

MATH CHECK BY _____ DEPT _____ DATE _____

METHOD REV. BY _____ DEPT _____ DATE _____

DEPT _____ DATE _____



CLIENT/SUBJECT BASEMENT - CRAWLEY BLDG

W.O. NO. _____

TASK DESCRIPTION _____ TASK NO. _____

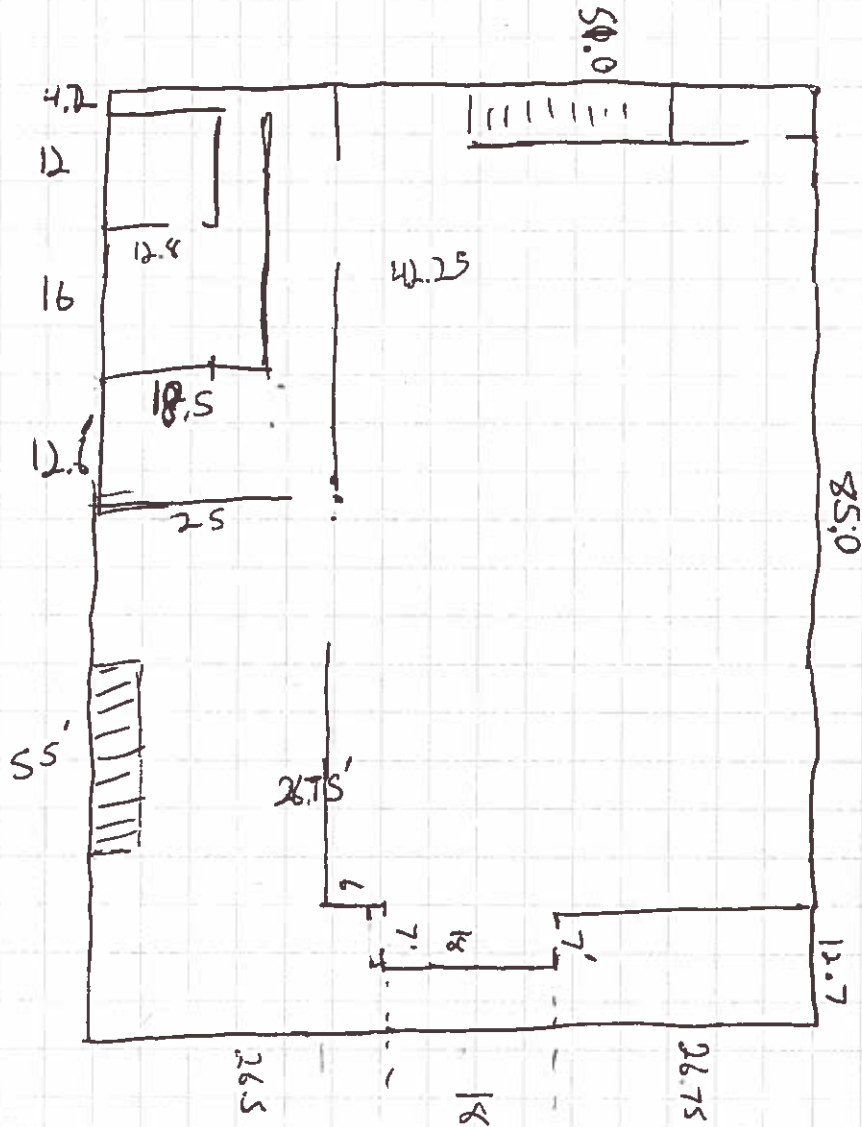
PREPARED BY _____ DEPT _____ DATE _____

MATH CHECK BY _____ DEPT _____ DATE _____

METHOD REV. BY _____ DEPT _____ DATE _____

APPROVED BY	

DEPT _____	DATE _____



CLIENT/SUBJECT Crowley Blog

W.O. NO. _____

TASK DESCRIPTION 1st w/ BALCONY

TASK NO. _____

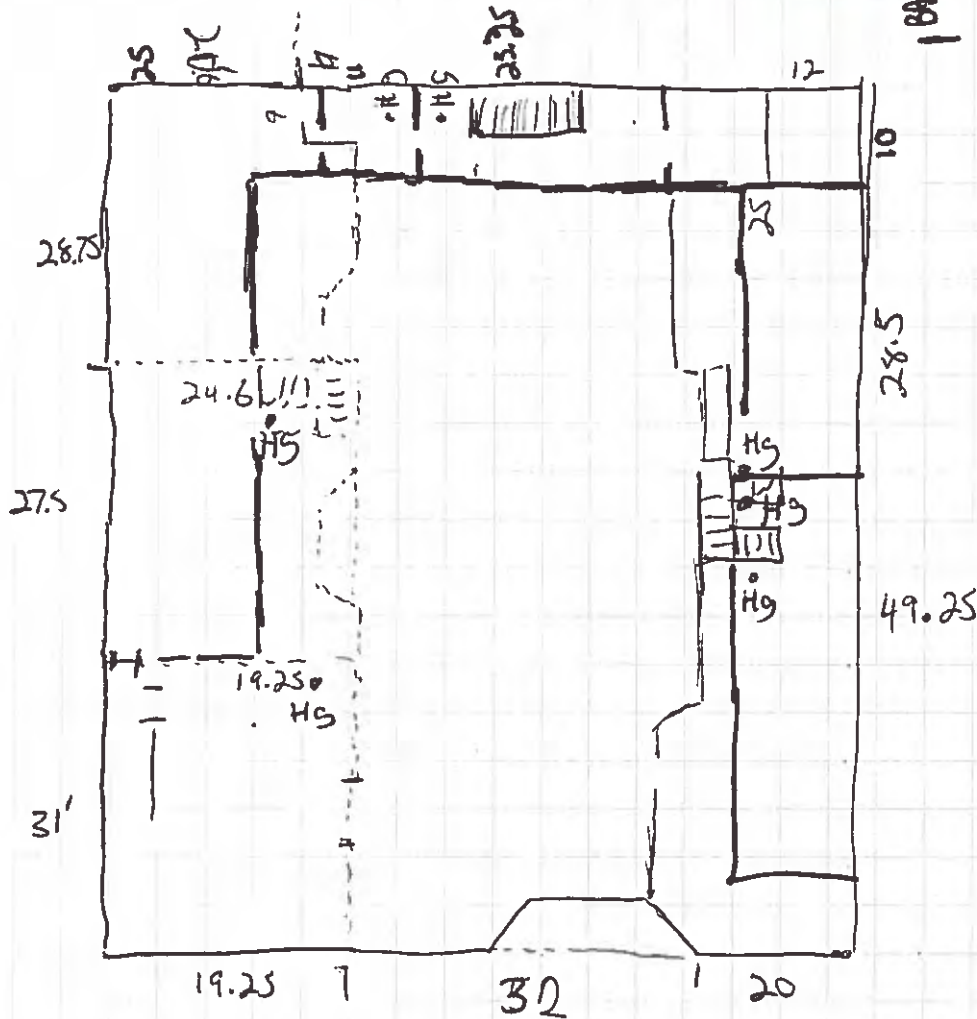
PREPARED BY _____ DEPT _____ DATE _____

APPROVED BY

MATH CHECK BY _____ DEPT _____ DATE 6/1/20

METHOD REV. BY _____ DEPT _____ DATE _____

DEPT _____ DATE _____



PCB_x

CLIENT/SUBJECT GROWLEY BLDG

W.O. NO. _____

TASK DESCRIPTION 2ND FLOOR

TASK NO. _____

PREPARED BY _____ DEPT _____ DATE _____

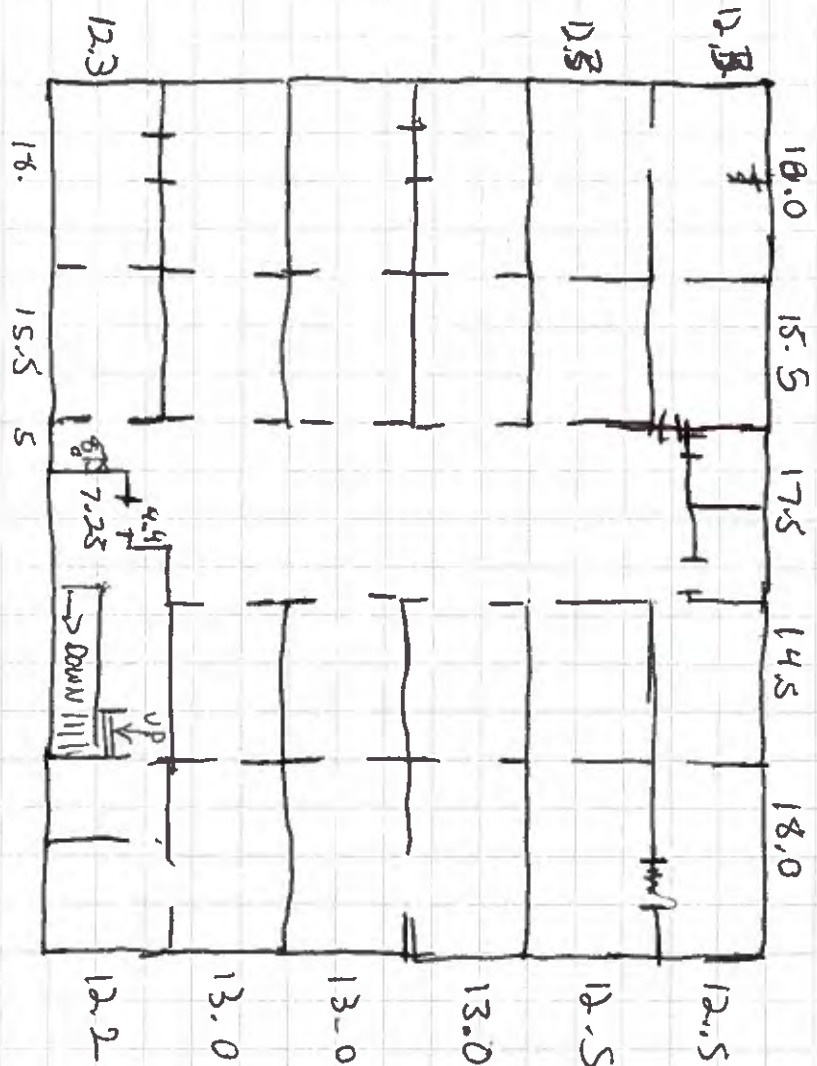
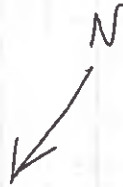
MATH CHECK BY _____ DEPT _____ DATE _____

METHOD REV. BY _____ DEPT _____ DATE _____

APPROVED BY _____

DEPT _____ DATE _____

10' CEILING





W.O. NO. _____

TASK NO. _____

APPROVED BY

DEPT _____ DATE _____

DEPT _____ DATE _____



CLIENT/SUBJECT Crowley Blvd

W.O. NO. _____

TASK DESCRIPTION 3rd floor - partial

TASK NO. _____

PREPARED BY _____ DEPT _____ DATE _____

MATH CHECK BY _____ DEPT _____ DATE _____

METHOD REV. BY _____ DEPT _____ DATE _____

APPROVED BY	

DEPT _____	DATE _____

