

COMPETITIVE QUOTE

FOR ASBESTOS ABATEMENT

Webster County Courthouse

Prepared For:

Webster County

701 Central Avenue

Fort Dodge, IA 50501

Prepared By:



8951 Windsor Parkway

Johnston, IA 50131

March 16, 2023

CERTIFICATION

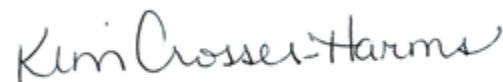
PROJECT MANUAL

for

Specifications for Asbestos Abatement

Webster County Courthouse

Specifications Prepared By:



Kim Crosser-Harms
Impact7G, Inc.

Accredited by the State of Iowa for Asbestos Project Design
License #23-9571 Expires 2-6-24

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701 Central Avenue
Fort Dodge, IA 50501

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SOLICITATION
ASBESTOS ABATEMENT
701 Central Avenue
Fort Dodge, IA 50501

Time and Place for Filing Sealed Proposals: Sealed bids for the work consisting of asbestos abatement as stated below must be filed before 10:00 A.M. on Tuesday, March 28, 2023, in the Auditor's office of the Webster County Courthouse, 701 Central Avenue, Fort Dodge, IA 50501. Bidder must provide acknowledgement of addenda, if issued. The proposal shall be sealed in an envelope, properly identified as the Proposal with the project title and the name and address of the bidder and delivered at or before the time and at the place provided in the Notice and Instruction to Bidders. It is the sole responsibility of the bidder to see that its proposal is delivered prior to the time for opening bids, along with the appropriate bid security sealed in the separate envelope identified as Bid Security, if required, and attached to the outside of the bid proposal envelope. Any proposal received after the scheduled time for the receiving of proposals will be returned to the bidder unopened and will not be considered. Bidder shall include verification of license to remove asbestos meeting the requirements of Iowa Code, Chapter 88B.

Time and Place Sealed Proposals Will be Opened and Considered: Sealed proposals will be opened, and bids tabulated at 10:00 A.M. on Tuesday, March 28, 2023, in the Auditor's office of the Webster County Courthouse, 701 Central Avenue, Fort Dodge, Iowa 50501. Webster County reserves the right to reject any and all bids.

Time for Commencement and Completion of Work: Work on the improvement shall commence upon approval of the contract by Webster County, and as stated in the Notice to Proceed and shall begin abatement 11 days after given the Notice to Proceed. The contractor shall have the project within 15 days after beginning abatement.

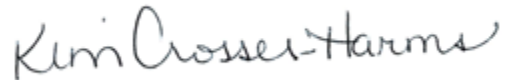
Pre-Bid Meeting: Pre-bid meeting is scheduled for 9:00 A.M. on Thursday, March 23, 2023.

Contract Documents: The document governing the asbestos abatement which have been made a part of this Notice and the proposed contract are on file with Webster County, at 701 Central Avenue, Fort Dodge, IA 50501. The Competitive Quote can be obtained from Impact7G at 8951 Windsor Parkway, Johnston, IA 50131; phone 515-460-1124 or via email from kcrosser@impact7g.com.

Sales Tax Exemption Certificates. The bidder shall not include sales tax in the bid. Webster County will distribute tax exemption certificates and authorization letters to the Contractor and all subcontractors who are identified. The Contractor and subcontractor may make copies of the tax exemption certificates and provide a copy to each supplier providing construction materials. These tax exemption certificates and authorization letters are applicable only for this specific project under the Contract.

PROJECT DESCRIPTION: The work includes removal and disposal of Asbestos Containing Materials (ACMs) from the Webster County Courthouse located at 701 Central Avenue, Fort Dodge, IA 50501. The Webster County Courthouse is undergoing an HVAC renovation project. Specifications for asbestos removal includes friable ACMs. All materials removed from the property shall be done in accordance with local, state, and federal regulations.

This Notice is given by authority of Webster County

A handwritten signature in cursive script that reads "Kim Crosser-Harms".

Kim Crosser-Harms, Representative of Webster County

*****END OF SECTION*****

INSTRUCTIONS TO BIDDERS

ASBESTOS ABATEMENT 701 Central Avenue Fort Dodge, IA 50501

Contractors must read this document in its entirety and comply with all requirements. Please be certain that all documents have been completed properly, as failure to complete and sign all documents and to comply with the requirements listing within this document can cause your bid not to be read.

I. SUBMISSION OF THE PROPOSAL AND IDENTITY OF BIDDER

A. The proposal shall be sealed in an envelope, properly identified as the Proposal with the project title and the name and address of the bidder and deposited with the Jurisdiction at or before the time and at the place provided in the Notice to Bidders. It is the sole responsibility of the bidder to see that its proposal is delivered to the Jurisdiction prior to the time for opening bids, along with the appropriate bid security sealed in the separate envelope identified as Bid Security and attached to the outside of the bid proposal envelope. Any proposal received after the scheduled time for the receiving of proposals will be returned to the bidder unopened and will not be considered.

B. The following documents shall be completed, signed and returned in the Proposal envelope. The bid cannot be read if any of these documents are omitted from the Proposal envelope.

1. PROPOSAL – Complete each of the following parts:

- Part B – Acknowledgment of Addenda, if any have been issued;
- Part C – Bid Items, Quantities and Prices
- Part F – Identity of Bidder;

Sign the proposal. The signature on the proposal and all proposal attachments must be an original signature in ink signed by the same individual who is the Company Owner or an authorized Officer of the Company; copies, facsimiles, or electronic signatures will not be accepted.

The following documents must be submitted as printed. No alterations, additions, or deletions are permitted. If the Bidder notes a requirement in the contract documents which the Bidder believes will require a conditioned or unsolicited alternate bid, the Bidder must immediately notify Nicholas Carlson, of Webster County in writing. Webster County will issue any necessary interpretation by an addendum.

C. Bidder shall include verification of license to remove asbestos meeting the requirements of Iowa Code, Chapter 88B.

II. PROSECUTION AND PROGRESS OF THE WORK

- A. The work is located in the City of Fort Dodge.

Work shall commence upon approval of the contract by the Council, and as stated in the Notice to Proceed. All work under the Contract must be substantially completed within 15 days after beginning abatement.

- B. Webster County, in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42U.S.C. 2000d to 2000d-4 and title 49 Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.
- C. Once Contractor has mobilized to begin construction, Contractor shall remain on-site until Project is substantially complete as determined by Webster County or their Consultant.

III. PREFERENCE OF PRODUCTS AND LABOR

- A. In accordance with Iowa statutes, a resident bidder shall be allowed a preference as against a nonresident bidder from a state or foreign country if that state or foreign country gives or requires any preference to bidders from that state or foreign country, including but not limited to any preference to bidders, the imposition of any type of labor force preference, or any other form of preferential treatment to bidders or laborers from that state or foreign country. The preference allowed shall be equal to the preference given or required by the state of foreign country in which the nonresident bidder is a resident.

In the instance of a resident labor force preference, a nonresident bidder shall apply the same resident labor force preference to a public improvement in this state as would be required in the construction of a public improvement by the state or foreign country in which the nonresident bidder is a resident.

IV. TAXES

- A. Webster County will issue a sales tax exemption certificate to the Contractor for all materials purchased on the project. Webster County will issue the appropriate exemption certificates and authorization letters to the Contractor and all subcontractors completing work on the project. Tax exemption certificates are applicable only for the specific project for which the tax exemption certificate is issued.
- B. The Contractor shall provide a listing to the County identifying all appropriate subcontractors qualified for use of the tax exemption certificate. The Contractor and subcontractors may make copies of the certificate and provide to each supplier providing construction material a copy of the tax exemption certificate.

C. Income Tax:

- a. Successful Bidder is subject to payment of Iowa income tax on income from this work in amounts prescribed by law.
- b. If successful bidder is a non-Iowa partnership, individual or association, he shall furnish evidence prior to execution of contract that bond or securities have been posted with the Iowa Department of Revenue in the amount required by law.

******END OF SECTION******

BID FORMS
ASBESTOS ABATEMENT
701 Central Avenue
Fort Dodge, IA 50501

PROPOSAL: PART A – SCOPE

Webster County, hereinafter called "OWNER", has need for a permitted contractor to complete the work comprising the below referenced improvement. The undersigned Bidder hereby proposes to complete the work as specified in the contract documents, at the prices hereinafter provided in Part C of the Proposal, for the following described improvements:

PROJECT DESCRIPTION: The work includes removal and disposal of Asbestos Containing Materials (ACMs) from within the Webster County Courthouse located at 701 Central Avenue, Fort Dodge, IA 50501. The Webster County Courthouse is undergoing an HVAC renovation project. Specifications for asbestos removal includes friable ACMs. All materials removed from the property shall be done in accordance with local, state, and federal regulations.

PROPOSAL: PART B – ACKNOWLEDGMENT OF ADDENDA

The Bidder hereby acknowledges that all addenda become a part of the contract documents when issued, and that each such addendum has been received and utilized in the preparation of this bid. The Bidder hereby acknowledges receipt of the following addenda by inserting the number of each addendum in the blanks below:

ADDENDUM NUMBER _____ ADDENDUM NUMBER _____
ADDENDUM NUMBER _____ ADDENDUM NUMBER _____

PROPOSAL: PART C – BID ITEMS AND QUANTITIES

This is a **LUMP SUM PRICE CONTRACT**. The bidder must provide the Total Bid Price of Asbestos Abatement. The Quantities shown on the Proposal Attachment: Part C – Bid Items and Quantities are approximate only but are considered sufficiently adequate for the purpose of comparing bids. OWNER shall use the Total Bid Price and any selected alternates for comparison of bids.

PROPOSAL: PART D – GENERAL

The Bidder hereby acknowledges that the OWNER, in advertising for bids for this project, reserves the right to:

1. Reject any or all bids. Award of the contract, if any, to be to the lowest responsive, responsible bidder; and
2. Reject any or all alternates in determining the items to be included in the contract. Designation of the lowest responsive, responsible bidder to be based on the base bid and selected alternatives, if any; and
3. Make such alterations in the contract documents or in the proposal quantities as it determines necessary in accordance with the contract documents after execution of the contract. Such alterations shall not be considered a waiver of any conditions of the contract documents, and shall not invalidate any of the provisions thereof; and

The Bidder hereby agrees to:

1. Commence the work upon written Notice to Proceed (11 days after the Notice to Proceed), and
2. Complete the project within 15 days after beginning abatement.

PROPOSAL: PART E – NON-COLLUSION AFFIDAVIT

The Bidder hereby certifies:

1. That this proposal is not affected by, contingent on, or dependent on any other proposal submitted for any improvement with OWNER; and
2. That no individual employed by the Bidder has employed any person to solicit or procure the work on this project, nor will any employee of the Bidder make any payment or agreement for payment of any compensation in connection with the procurement of this project; and
3. That no part of the bid price received by the Bidder was or will be paid to any person, corporation, firm, association, or other organization for soliciting the bid, other than the payment of their normal compensation to persons regularly employed by the Bidder whose services in connection with the construction of the project were in the regular course of their duties for the Bidder; and
4. That this proposal is genuine and not collusive or sham; that the Bidder has not colluded, conspired, connived or agreed, directly or indirectly, with any bidder or person, to submit a sham bid or to refrain from bidding, and has not in any manner, directly or indirectly, sought, by agreement or collusion, or communication or conference, with any person, to fix the bid price of the Bidder or of any other bidder, and that all statements in this proposal are true; and
5. That the individual(s) executing this proposal have the authority to execute this proposal on behalf of the Bidder.

PROPOSAL: PART F – IDENTITY OF BIDDER

The bidder shall indicate whether the bid is Submitted by a/an:

- Individual,
Sole Proprietorship
- Partnership
- Corporation
- Limited Liability Company
- Joint-venture; all parties must
join-in and execute all documents
- Other

Bidder

Signature

By _____
Name (Print/Type)

Title

Street Address

City, State, Zip Code

Telephone Number

**Type or print the name and title of the
company's owner, president, CEO, etc. if
a different person than entered above**

Name

Title

NOTE: The signature on this proposal must be an original signature in ink by the same individual who is the Company Owner or authorized Officer of the Copy; copies, facsimiles, or electronic signatures will not be accepted.

PROPOSAL ATTACHMENT: PART C – BID ITEMS AND QUANTITIES

This is a **LUMP SUM PRICE CONTRACT**. The bidder must provide the Total Bid Price of Asbestos Abatement and disposal. The Quantities shown on the Proposal Attachment: Part C – Bid Items and quantities are approximate only but are considered sufficiently adequate for the purpose of comparing bids. OWNER shall use the Total Bid Price and any selected alternates comparison of bids.

Materials and quantities are approximate only but are considered adequate for the purpose of this Competitive Quote. The contractor is responsible for verification of all materials and quantities listed below. No additions to the contract will be allowed for additional ACMs discovered that amount to less than ten percent (10%) of each material listed below. If additional amounts greater than ten percent (10%) are identified, contractor is to stop work and notify the OWNER and/or OWNER’S consultant immediately.

If suspect ACMs are discovered during the abatement process that are not listed below, contractor is to stop work and notify the OWNER and/or OWNER’S consultant immediately. No compensation for removal of suspect ACMs without prior authorization by OWNER and/or OWNER’s consultant will be approved. All materials and quantities are subject to revision by the OWNER.

BASE BID PRICE BREAKDOWN INFORMATION

ITEM	DESCRIPTION	TOTAL BID PRICE
1	Asbestos Abatement and Disposal – 701 Central Avenue, Fort Dodge, Iowa	\$
TOTAL AMOUNT BID		\$

ASBESTOS CONTAINING MATERIAL LIST

Sample #	Material Substance	Color	Floor	Location, Room	Asbestos Content	Est. Quantity
CH-07 A	Aircell Pipe Insulation	Gray	All	Boiler Room, Storage Room, at Pipe Ceiling Unions and Possibly in Walls	60% Chrysotile	At Least 20 LF
CH-07 A	Aircell Pipe Insulation	Gray	All	Debris in Crawl Space	60% Chrysotile	TBD at Pre Bid
CH-07 BC	Aircell Pipe Insulation	Gray	All	Boiler Room, Storage Room, at Pipe Ceiling Unions and Possibly in Walls	50% Chrysotile	Included in At Least 20 LF
CH-08 A	Large Mudded Joint	White	L	Boiler Room	30% Chrysotile	5 EA
CH-28	Floor Debris	Gray	Attic	South Attic Throughout on Ground Surface & Possibly in Wall Crevice	5% Chrysotile	120 SF

NOTE: IT IS UNDERSTOOD THAT THE QUANTITIES OF ACMS DOCUMENTED WITHIN THIS PROJECT MANUAL ARE ESTIMATED FOR THE PURPOSE OF THIS BID. ALL QUANTITIES SHALL BE VERIFIED BY CONTRACTOR PRIOR TO SUBMISSION OF BID.

Bidder Name

In the event of discovery items or materials in additional to 10% not identified within the specifications are located during abatement, contractor will be bound to the following pricing:

UNIT PRICE BREAKDOWN INFORMATION

ITEM	MATERIAL SUBSTANCE	UNIT	PRICE
1	ACM – Aircell Pipe Insulation	LF	\$
2	ACM – Mudded Joints	EA	\$
3	ACM – Floor Debris	SF	\$

Bidder Name

CONTRACT

**ASBESTOS ABATEMENT
Webster County Courthouse
701 Central Avenue, Fort Dodge, Iowa 50501**

THIS CONTRACT, made and entered into at _____ this _____ day of _____, by and between Webster County (OWNER), and _____, hereinafter called the "Contractor".

WITNESSETH:

The Contractor hereby agrees to complete the work comprising of asbestos abatement as specified in the contract documents, which are officially on file with the Webster County Courthouse at 701 Central Avenue, Fort Dodge, Iowa 50501. This contract includes all such contract documents. The Contractor further agrees to complete the work in strict accordance with said contract documents, and to guarantee the work as required by law, for the time required in said contract documents, after its acceptance by OWNER.

This contract is awarded and executed for completion of the work specified in the contract documents for the bid prices shown on the Contract Attachment: Bid Items and Quantities which were proposed by the Contractor in its proposal submitted in accordance with the Notice to Bidders for the following described improvements:

PROJECT DESCRIPTION: The project includes removal and disposal of Asbestos Containing Materials (ACMs) from within the Webster County Courthouse located at 701 Central Avenue, Fort Dodge, Iowa 50501. The building is slated for renovation. Specifications for asbestos removal includes friable ACMs. All ACMs removed from the property must be disposed of at a permitted facility that accepts asbestos. All materials removed from the property shall be done in accordance with local, state, and federal regulations.

The Contractor agrees to perform said work for and in consideration of OWNER'S payment of the bid amount of _____ dollars (\$ _____).

Work on the improvement shall commence upon approval of the contract by Webster County and shall begin 11 days after the Notice to Proceed is given. The contractor shall complete the project within 15 days.

IN WITNESS WHEREOF, the Parties hereto have executed this instrument, in triplicate on the date first shown written.

Webster County

CONTRACTOR:

By _____

(Seal)
ATTEST:

By _____

Contractor's Contact Name
Contractor's Title

Street Address

City, State, Zip Code

Telephone

DRAWINGS

Abatement Key

 -ACM Aircell Pipe Insulation

 -ACM Large Mudded Joint

General Notes

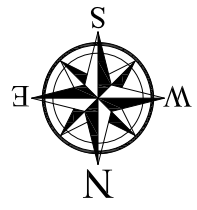
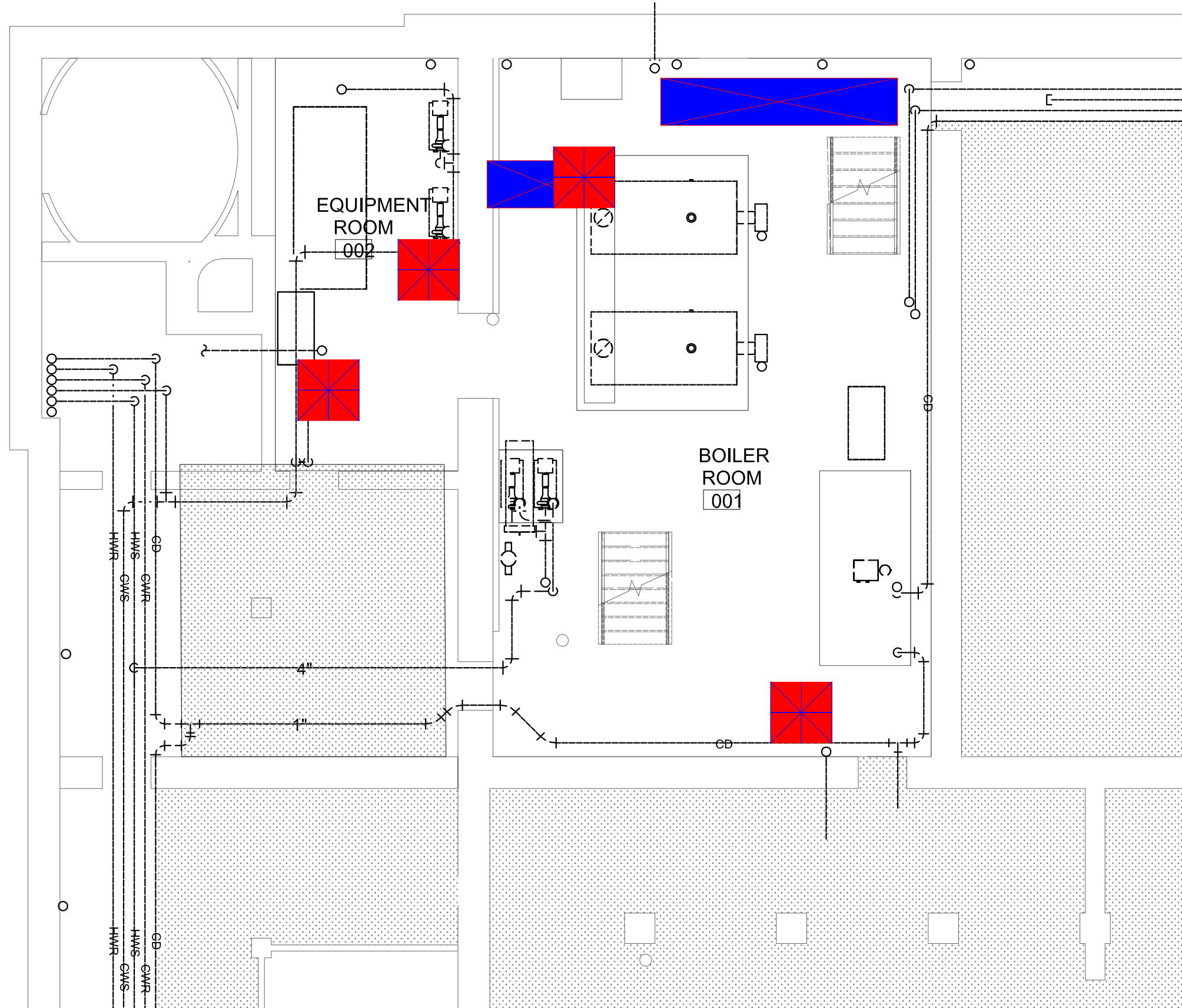
-Contractor is responsible for maintaining negative pressure within all abatement areas consisting of a minimum of 4 air changes per hour and a differential pressure of at least 0.02 column inches of water.

-Contractor is responsible for constructing a single cell decontamination unit that is to be attached to the abatement area(s).

-Contractor is responsible using property glove bag techniques.

-Contractor shall verify all locations and dimensions prior to removal activities.

-Contractor is responsible for all damage not associated with abatement activities.



**Bid Specification Map
Webster County Courthouse
Boiler Room**

Sheet Title

Webster County Courthouse
701 Central Avenue
Fort Dodge, IA

Site Address

Project Name:
HVAC Reno

Client:
Webster County

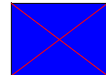
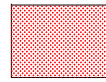
Drawn By:
BD

Reviewed By:
KM

Drawn Date:
3/16/2023

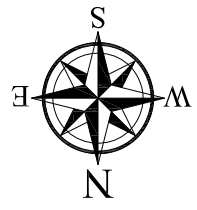
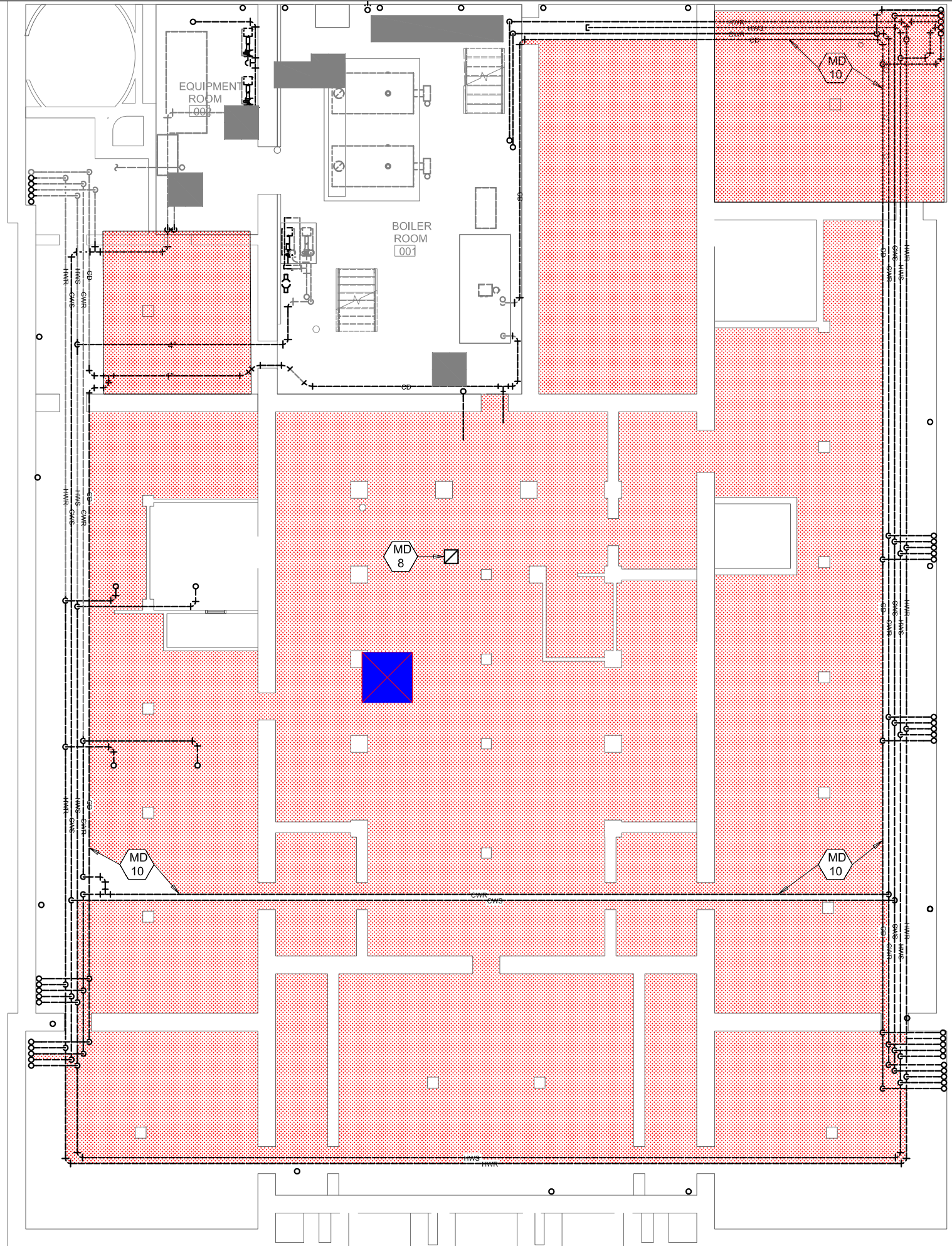
Sheet NO:
A1

Abatement Key

-  -ACM Aircell Pipe Insulation
-  -ACM Floor Debris

General Notes

- Contractor is responsible for maintaining negative pressure within all abatement areas consisting of a minimum of 4 air changes per hour and a differential pressure of at least 0.02 column inches of water.
- Contractor is responsible for constructing a single cell decontamination unit that is to be attached to the abatement area(s).
- Contractor is responsible using property glove bag techniques.
- Contractor shall verify all locations and dimensions prior to removal activities.
- Contractor is responsible for all damage not associated with abatement activities.



**Bid Specification Map
Webster County Courthouse
Crawl Space**

Sheet Title

Webster County Courthouse
701 Central Avenue
Fort Dodge, IA

Site Address

Project Name:
HVAC Reno

Client:
Webster County

Drawn By:
BD

Reviewed By:
KM

Drawn Date:
3/16/2023

Sheet NO:
A2

Abatement Key

 -ACM Aircell Pipe Insulation

General Notes

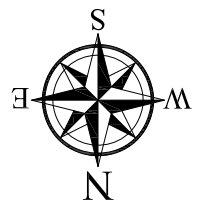
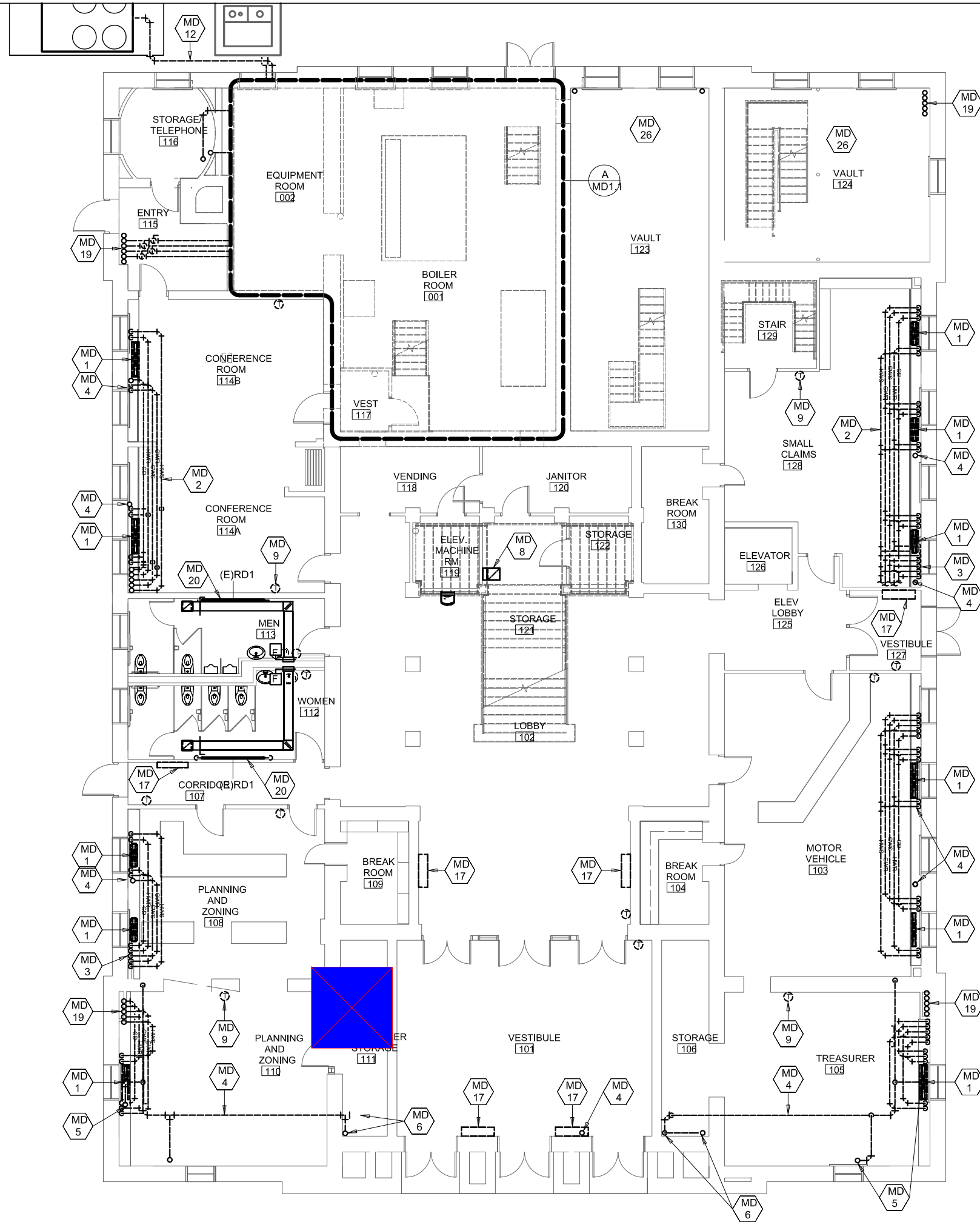
-Contractor is responsible for maintaining negative pressure within all abatement areas consisting of a minimum of 4 air changes per hour and a differential pressure of at least 0.02 column inches of water.

-Contractor is responsible for constructing a single cell decontamination unit that is to be attached to the abatement area(s).

-Contractor is responsible using property glove bag techniques.

-Contractor shall verify all locations and dimensions prior to removal activities.

-Contractor is responsible for all damage not associated with abatement activities.



**Bid Specification Map
Webster County Courthouse
First Floor**

Sheet Title

Webster County Courthouse
701 Central Avenue
Fort Dodge, IA

Site Address

Project Name:
HVAC Reno

Client:
Webster County

Drawn By:
BD

Reviewed By:
KM

Drawn Date:
3/16/2023

Sheet NO:
A3

Abatement Key

 -ACM Floor Debris

General Notes

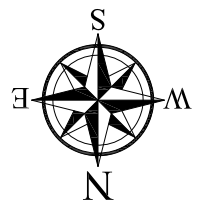
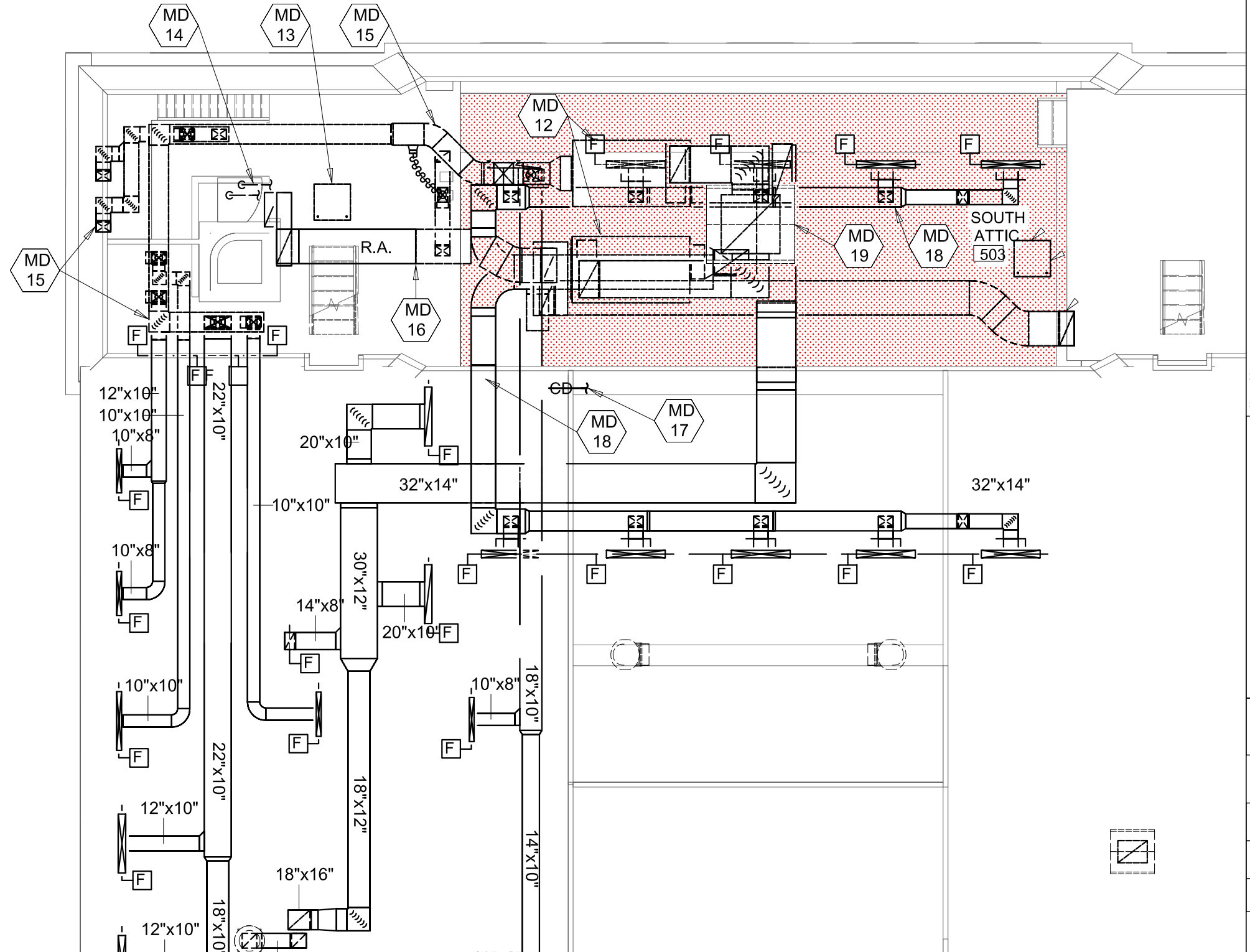
-Contractor is responsible for maintaining negative pressure within all abatement areas consisting of a minimum of 4 air changes per hour and a differential pressure of at least 0.02 column inches of water.

-Contractor is responsible for constructing a single cell decontamination unit that is to be attached to the abatement area(s).

-Contractor is responsible using property glove bag techniques.

-Contractor shall verify all locations and dimensions prior to removal activities.

-Contractor is responsible for all damage not associated with abatement activities.



Bid Specification Map
Webster County Courthouse
Attic

Sheet Title

Webster County Courthouse
701 Central Avenue
Fort Dodge, IA

Site Address

Project Name:
HVAC Reno

Client:
Webster County

Drawn By:
BD

Reviewed By:
KM

Drawn Date:
3/16/2023

Sheet NO:
A4

APPENDIX 1 – ACM Inspection Reports

LIMITED ASBESTOS CONTAINING MATERIALS INSPECTION



**Webster County Court House
701 Central Avenue
Fort Dodge, Iowa 50501**

Prepared for:

**Webster County
701 Central Avenue
Fort Dodge, Iowa 50501**

Prepared by:



**8951 Windsor Parkway
Johnston, Iowa 50131**

February 14, 2023



LIMITED ASBESTOS CONTAINING MATERIALS INSPECTION
ASBESTOS CONTAINING MATERIALS INSPECTION

Webster County Court House
701 Central Avenue
Fort Dodge, Iowa 50501

Inspected and Prepared by:

A handwritten signature in blue ink, appearing to read "B. Davison", with a horizontal line extending to the right.

Bradley Davison
Environmental Specialist II
Iowa Certified Asbestos Inspector: 22-81401

Reviewed by:

A handwritten signature in blue ink, appearing to read "Kim Crosser-Harms", with a horizontal line extending to the right.

Kim Crosser - Harms
Sr. Project Manager
Iowa Certified Asbestos Inspector: 22-81481

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APPENDIX C - ACM Photographs

APPENDIX D - Sample Location Map(s)

1.0 EXECUTIVE SUMMARY

Impact7G, Inc. (Impact7G), completed a Limited Asbestos Containing Materials (ACM) Inspection on January 31 and February 13, 2023, of the Webster County Court House located at 701 Central Avenue, Fort Dodge, Iowa 50501 (Property). The purpose of this Limited ACM Inspection is to document the presence of asbestos containing materials and assist Webster County (Client) in facilitating renovation activities of the building's HVAC system.

Asbestos was detected in five (5) of the sixty-seven (67) samples collected from various building components within the Property's interior and exterior. See Table 1 for additional information. ACMs include:

- Aircell Pipe Insulation(s)
- Floor Debris
- Large Mudded Joint

All building materials similar in appearance, color, and/or texture to those determined to contain asbestos must be assumed to contain asbestos throughout this building.

Based on these results, the Property requires further action prior to any renovation or demolition activities.

2.0 INTRODUCTION

A. Property Information

Location:

Webster County Court House
701 Central Avenue
Fort Dodge, Iowa 50501

Contact Person:

Nicholas Carlson
Webster County Court House
701 Central Avenue
Fort Dodge, Iowa 50501

B. Personnel

Sr. Project Manager: Kim Crosser-Harms State of Iowa License 22-81481
Inspector: Bradley Davison State of Iowa License 22-81401

C. Sampling Plan

According to the Client, the scope of this Limited ACM Inspection includes the HVAC components extending throughout the interior and roof of the building.

This Limited ACM Inspection is in accordance with OSHA Regulation 1926.1101. All samples collected in the field were sent to EMSL, an NVLAP certified laboratory, for analysis. The samples were analyzed via the polarized light microscopy (PLM) method for asbestos content. If requested by Client, samples were further analyzed via the transmission electron microscopy (TEM) method or PLM 400 Point Count analysis method.

D. Regulation Review

The U.S. EPA qualifies asbestos containing materials (ACM) as materials with an asbestos content greater than 1%. According to Iowa OSHA, ACM is any material found to contain asbestos, regardless of its concentration, and shall be regulated as hazardous waste. The following definitions are taken from Section 61.141 of Subpart M, Part 61 of Title 40: Protection of Environment of the Code of Federal Regulations (CFR).

- “Category I nonfriable asbestos-containing material (ACM)” is defined as asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than 1% asbestos as determined using the method specified in appendix E, subpart E, 40 CFR part 763, section 1, Polarized Light Microscopy (PLM).
- “Category II nonfriable ACM” is defined as any material, excluding Category I nonfriable ACM, containing more than 1% asbestos as determined using the methods specified in appendix E, subpart E, 40 CFR part 763, section 1, PLM that, when dry, **cannot** be crumbled, pulverized, or reduced to powder by hand pressure.
- “Friable asbestos material” is defined as any material containing more than 1% asbestos as determined using the methods specified in appendix E, subpart E, 40 CFR part 763, section 1, PLM that when dry, **can** be crumbled, pulverized, or

reduced to powder by hand pressure. If the asbestos content is less than 10% as determined by a method other than point counting by PLM, verify the asbestos content by point counting using PLM.

3.0 PROPERTY DESCRIPTION

The Property consists of a five-story county courthouse originally constructed in 1902.

4.0 INSPECTION LIMITATIONS

An Inspection limitation, for the purpose of this report, is any action or task that is limited from the original scope work. The overall reason for any limitation is the protection of Impact7G personnel. Examples of limitations can range from a lack of accessibility to an area of the Property, unsafe work areas, collecting additional samples, etc.

- **The inspection was limited to the HVAC renovation as provided by the Client.**
- **The building was occupied and discrete sampling was used.**

5.0 INSPECTION ACTIVITIES

An Iowa-certified asbestos inspector from Impact7G collected sixty-seven (67) samples on January 31 and February 13, 2023. The samples were collected from various accessible building components located throughout the interior and roof as pertaining to the HVAC renovation. Upon completion of bulk sampling activities, samples were sent to EMSL, an NVLAP certified laboratory, for analysis.

Materials that are “suspected” to contain asbestos are divided into the following three categories:

1. **Surfacing materials** are materials that are sprayed or troweled on for acoustical, decorative, or fireproofing purposes. Examples are textured ceilings or drywall, exterior stucco and structural steel fireproofing;
2. **Thermal System Insulation (TSI)** is insulation used to inhibit heat transfer from pipes, boilers, tanks, ducts, and various other components of hot and cold-water systems and HVAC systems. Examples are hard cementitious “mud” type insulation on pipe elbows and tees, pipe insulation runs and risers, boiler insulation, flues; and,
3. **Miscellaneous** materials are mostly non-friable products when maintained in good condition. Examples are resilient floor coverings including vinyl, linoleum and floor tile, mastics and adhesives, cement products, caulk, drywall, ceiling tile and roofing materials.

The following tables show samples positively identified by the laboratory to be asbestos containing materials (ACM) and samples that were analyzed as non-ACM. The complete analytical results can be found in Appendix B.

Table 1 – Asbestos Containing Materials Sample List

Sample #	Material Substance	Material Type (Surf/TSI/Misc)	Friable (Y or N)	Color	Floor	Location	Asbestos Content	Est. Quantity
CH-07 A	Aircell Pipe Insulation	TSI	Y	Gray	All	Boiler Room, Storage Room, Debris in Crawl Space, at Pipe Ceiling Unions, & Possibly in Walls	60% Chrysotile	At Least 20 LF
CH-07 BC	Aircell Pipe Insulation	TSI	Y	Gray	All	Boiler Room, Storage Room, Debris in Crawl Space, At Pipe Ceiling Unions, & Possibly in Walls	50% Chrysotile	Included in Above
CH-08 A	Large Mudded Joint	TSI	Y	White	L	Boiler Room	30% Chrysotile	5 EA
CH-28	Floor Debris	TSI	Y	Gray	Attic	South Attic Throughout on Ground Surface & Possibly in Wall Crevice	5% Chrysotile	120 SF

Material Type – Surf=Surfacing, TSI=Thermal System Insulation, Misc=Miscellaneous / **Est. Quantity** – SF=Square foot, LF=Linear foot, EA=Each
 B=Basement, R=Roof, Int=Interior, Ext=Exterior

Five (5) bulk material samples were analyzed greater than 1% asbestos. None (0) of the remaining building material samples were detected with a concentration of <1% asbestos. ACMs include aircell pipe insulation(s), large mud joint, and floor debris. If during demolition or renovation activities additional areas of identified ACM are discovered, they should be abated accordingly. Laboratory analytical reports are provided in Appendix B.

It is important to note that these are estimated quantities; therefore, the abatement contractors and the client representative should discern between the estimated quantity above and future exploration of the property at the pre-bid walk-through to determine the final quantity during abatement procedures.

Table 2 – Non-Asbestos Containing Material Sample List

Sample #	Material Substance	Material Type (Surf/TSI/Misc)	Friable (Y or N)	Color	Floor	Location	Asbestos Content
CH-01 ABC	Boiler Gasket	TSI	Y	Brown/White /Black	L	Boiler Room	ND
CH-02 ABC	Boiler Insulation	TSI	Y	Yellow	L	Boiler Room - AB) North Boiler C) South Boiler	ND
CH-03 ABC	Fire Proofing	Surf	Y	Gray	L	Boiler Room	ND
CH-04	Fiber Glass Pipe Wrap	Misc	N	White/Silver	L	Boiler Room, Crawl Space, & Throughout	ND
CH-05	Fiber Glass Pipe Insulation	Misc	N	Yellow	L	Boiler Room, Crawl Space, & Throughout	ND
CH-06	Restroom Stall Divider	Misc	N	Tan	L	Crawl Space Restroom	ND
CH-07 AC Wrap	Wrap on Aircel Pipe Insulation	TSI	Y	Brown	All	Boiler Room, Storage Room, Debris in Crawl Space, at Pipe Ceiling Unions, & Possibly in Walls	ND
CH-08 BC	Large Mudded Joint	TSI	Y	Gray	All	Boiler Room	ND
CH-08 B Coating	Coating On Large Mudded Joint	TSI	Y	Gray	All	Boiler Room	ND
CH-09 ABC	Mudded Joint	TSI	Y	Gray	All	Boiler Room, Crawl Space, & Possibly in Walls	ND
CH-09 ABC Coating	Coating On Mudded Joint	Misc	N	White	All	Boiler Room, Crawl Space, & Possibly in Walls	ND
CH-10	Corrugated Floor Debris	Misc	N	Brown	All	Throughout Crawl Space Labeled "Asbestos"	ND
CH-11	2' x 2' Ceiling Tile - Textured	Misc	Y	Gray/White /Silver	All	Restrooms	ND
CH-12	Fiber Glass Pipe Wrap	Misc	N	White/Silver	All	Parameter Radiators & Heating Pipes	ND
CH-13	Fiber Glass Pipe Insulation	Misc	N	Yellow	All	Parameter Radiators & Heating Pipes	ND
CH-14	Wall Insulation	Misc	N	Yellow	All	Exterior Walls	ND
CH-14 Coating	Coating on Wall Insulation	Misc	N	White	All	Exterior Walls	ND
CH-15	Carpet Adhesive	Misc	N	Yellow	All	Offices	ND

Material Type – Surf=Surfacing, TSI=Thermal System Insulation, Misc=Miscellaneous / **Asbestos Content** – ND=None Detected
B=Basement, R=Roof, Int=Interior, Ext=Exterior

Table 2 – Non-Asbestos Containing Material Sample List (Continued)

Sample #	Material Substance	Material Type (Surf/TSI/Misc)	Friable (Y or N)	Color	Floor	Location	Asbestos Content
CH-16 ABC	Duct Seam Tape	TSI	Y	White	All	Ab) North Attic C) South Attic & Throughout Duct Work	ND
CH-17	Floor Cement	Misc	N	Gray	Attic	Attic Floors	ND
CH-18	Fiberglass Duct Insulation	Misc	N	Yellow	All	Throughout Duct Work	ND
CH-19	Ceiling Insulation	Misc	N	Yellow	Attic	Attic Ceiling	ND
CH-20	Brick Grout	Misc	N	Gray	All	Throughout Exterior Walls	ND
CH-21	Wall Cement	Misc	N	Gray	All	Stair Wells	ND
CH-22 ABC	Skim Coat	Surf	Y	White	All	Walls & Ceilings	ND
CH-23 ABC	Plaster	Surf	Y	Gray	All	Walls & Ceilings	ND
CH-24	Drywall	Misc	N	White/Brown	All	Walls & Ceilings	ND
CH-25	Drywall Compound	Misc	N	White	All	Walls & Ceilings	ND
CH-25	Drywall Compound	Misc	N	White	All	Walls & Ceilings	ND
CH-26	Drywall Tape	Misc	N	White	All	Walls & Ceilings	ND
CH-27	Fiberglass Duct Insulation	Misc	N	Brown/White /Black	All	Inside Duct Work	ND
CH-29 ABC Base Coat	Plaster	Surf	Y	Gray	All	Records Room	ND
CH-29 ABC Finish Coat	Finish Coat on Plaster	Surf	Y	White	All	Records Room	ND
CH-30	Radiator Insulation	Misc	N	Yellow	All	Parameter Radiators	ND
CH-31	Roof Membrane	Misc	N	Black	R	Built up Roof Top Layer	ND
CH-32	Roof Insulation	Misc	N	Tan	R	Built up Roof Bottom Layer on Wood	ND
CH-33	AC Flashing Adhesive	Misc	N	Yellow	R	South AC Units	ND
CH-34	Seam Calk	Misc	N	Black	R	Throughout on Membrane Seams	ND

Material Type – Surf=Surfacing, TSI=Thermal System Insulation, Misc=Miscellaneous / **Asbestos Content** – ND=None Detected
B=Basement, R=Roof, Int=Interior, Ext=Exterior

Table 2 – Non-Asbestos Containing Material Sample List (Continued)

Sample #	Material Substance	Material Type (Surf/TSI/Misc)	Friable (Y or N)	Color	Floor	Location	Asbestos Content
CH-35	AC Inlet Membrane	Misc	N	Black	R	AC & Gas Line Inlets	ND
CH-36	AC Inlet Tar	Misc	N	Black	R	AC & Gas Line Inlets	ND
CH-37	AC Flashing Adhesive	Misc	N	Orange	R	North AC Units	ND

Material Type – Surf=Surfacing, TSI=Thermal System Insulation, Misc=Miscellaneous / **Asbestos Content** – ND=None Detected
 B=Basement, R=Roof, Int=Interior, Ext=Exterior

6.0 CONCLUSIONS / RECOMMENDATIONS

The following conclusions and recommendations are summarized as follows:

- Asbestos was detected in five (5) of the bulk material samples collected from the Webster County Court House located at 701 Central Avenue, Fort Dodge, Iowa 50501. ACMs include aircell pipe insulation(s), large mud joint, and floor debris. Based on the results of the data collected during the assessment, the building requires further action prior to renovation.

Impact7G recommends the abatement of all ACM containing components located within the inspection area if those building materials are to be disturbed during any future renovation/demolition activities. All abatement work shall be completed in accordance with local, state, and federal regulations. A visual inspection is recommended upon completion of abatement work to document that all ACMs within the scope of abatement have been removed.

7.0 CONDITIONS & LIMITATIONS

The Iowa Department of Natural Resources' (IDNR) Air Quality Bureau and Occupational Safety and Health Bureau (OSHA) of the Iowa Division of Labor Services require notification of any renovation/demolition activities in non-residential projects if the combined regulated ACM meets or exceeds any of the following thresholds: 160 square feet of surfacing ACM, 260 linear feet of TSI, or 35 cubic feet of ACM debris.

Impact7G has performed the tasks contained within this report in a thorough and professional manner consistent with commonly accepted standard industry practices. The results, findings, conclusions and recommendations expressed in this report are based on conditions observed during our survey of the property. Impact7G cannot guarantee, and does not warrant, that this report has identified all adverse environmental factors and/or conditions affecting the subject property. This report is not a bidding document or project specification as it does not contain the necessary components. Impact7G cannot warrant the work of any third party that may have aided in the completion of this report. This report has been prepared on behalf of and exclusively for use by Webster County for specific application to their project as discussed. Contractors, consultants or other third parties reviewing this report must draw their own conclusions regarding data contained within the report, further investigation or required remediation.

APPENDIX A
Qualifications

Certificate of Completion

BRADLEY DAVISON

DOB: 01-30-1987
Issued: 04-05-2021



This person is licensed to perform asbestos work in the State of Iowa. ID card is intended for official use only and must be present on jobsite.

License Type	Number	Expires
MANAGER PLANNER	22-8142	02-08-2023
INSPECTOR	22-8140	02-08-2023
SUPERVISOR	22-8141	02-10-2023



Rod A. Roberts
Rod A. Roberts
Labor Commissioner

Impact7G, Inc.

certifies that

Bradley Davison

has successfully completed and passed the associated examination for the

Asbestos Inspector Annual Review

course accredited by the State of Missouri and conducted in accordance with the requirements of 40 CFR 763. The person receiving this certificate has completed the required training for asbestos certification under TSCA Title II.

Course Date: February 8, 2022
Examination Date: February 8, 2022
Expiration Date: February 8, 2023
Course Location: 8951 Windsor Parkway, Johnston, Iowa
Certificate Number: 020822-INR-01



Director of Training
9550 Hickman Road, Suite 105
Clive, IA 50325
515-473-6256

APPENDIX B

Laboratory Reports & Chain of Custody Documentation



EMSL Analytical, Inc.

6340 CastlePlace Dr. Indianapolis, IN 46250

Tel/Fax: (317) 803-2997 / (317) 803-3047

<http://www.EMSL.com> / indianapolislab@emsl.com

EMSL Order: 162302498

Customer ID: IMPA25

Customer PO:

Project ID:

Attention: Kim Crosser
Impact7G
8951 Windsor Parkway
Johnston, IA 50131

Phone: (515) 460-1124

Fax: (515) 528-8005

Received Date: 02/03/2023 2:11 PM

Analysis Date: 02/04/2023 - 02/06/2023

Collected Date: 01/31/2023

Project: Webster County - Courthouse - HVAC Renovation - 701 Central Avenue, Fort Dodge, Iowa 50501 - Limited ACM - BD - 1/31/2023

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CH-01A 162302498-0001	BOILER GASKET, WHITE, L, BOILER ROOM	Brown/White/Black Fibrous Homogeneous	98% Glass	2.0% Non-fibrous (Other)	None Detected
CH-01B 162302498-0002	BOILER GASKET, WHITE, L, NORTH BOILER	Brown/White Fibrous Homogeneous	98% Glass	2.0% Non-fibrous (Other)	None Detected
CH-01C 162302498-0003	BOILER GASKET, WHITE, L, SOUTH BOILER	White Fibrous Homogeneous	98% Glass	2.0% Non-fibrous (Other)	None Detected
CH-02A 162302498-0004	BOILER INSULATION, WHITE, L, BOILER ROOM	Yellow Fibrous Homogeneous	98% MinWool	2.0% Non-fibrous (Other)	None Detected
CH-02B 162302498-0005	BOILER INSULATION, WHITE, L, NORTH BOILER	Yellow Fibrous Homogeneous	98% MinWool	2.0% Non-fibrous (Other)	None Detected
CH-02C 162302498-0006	BOILER INSULATION, WHITE, L, SOUTH BOILER	Yellow Fibrous Homogeneous	98% MinWool	2.0% Non-fibrous (Other)	None Detected
CH-03A 162302498-0007	FIREPROOFING, GRAY, L, BOILER ROOM	Gray Fibrous Homogeneous	70% MinWool	30.0% Non-fibrous (Other)	None Detected
CH-03B 162302498-0008	FIREPROOFING, GRAY, L, BOILER ROOM	Gray Fibrous Homogeneous	70% MinWool	30.0% Non-fibrous (Other)	None Detected
CH-03C 162302498-0009	FIREPROOFING, GRAY, L, BOILER ROOM	Gray Fibrous Homogeneous	70% MinWool	30.0% Non-fibrous (Other)	None Detected

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Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262, A2LA Accredited - Certificate #2845.25

Initial report from: 02/06/2023 08:46:41



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Attention: Kim Crosser Impact7G 8951 Windsor Parkway Johnston, IA 50131	Phone: (515) 460-1124 Fax: (515) 528-8005 Received Date: 02/03/2023 2:11 PM Analysis Date: 02/04/2023 - 02/06/2023 Collected Date: 01/31/2023
Project: Webster County - Courthouse - HVAC Renovation - 701 Central Avenue, Fort Dodge, Iowa 50501 - Limited ACM - BD - 1/31/2023	

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CH-04 162302498-0010	FIBERGLASS PIPE WRAP, WHITE, L, BOILER ROOM, CRAWLSPACE, & THROUGHOUT	White/Silver Fibrous Homogeneous	60% Cellulose 5% Glass	35.0% Non-fibrous (Other)	None Detected
CH-05 162302498-0011	FIBERGLASS PIPE INSULATION, WHITE, L, BOILER ROOM, CRAWLSPACE, & THROUGHOUT	Yellow Fibrous Homogeneous	98% Glass	2.0% Non-fibrous (Other)	None Detected
CH-06 162302498-0012	RESTROOM STALL DIVIDER, TAN, L, CRAWLSPACE RESTROOM	Tan Fibrous Homogeneous	98% Cellulose	2.0% Non-fibrous (Other)	None Detected
CH-07A-Insulation 162302498-0013	AIRCELL PIPE INSULATION, GRAY, L, BOILER ROOM, STORAGE ROOM, DEBRIS IN CRAWLSPACE, AT PIPE CEILING UNIONS, & POSSIBLY IN	Gray Fibrous Homogeneous	20% Cellulose	20.0% Non-fibrous (Other)	60% Chrysotile
CH-07A-Wrap 162302498-0013A	AIRCELL PIPE INSULATION, GRAY, L, BOILER ROOM, STORAGE ROOM, DEBRIS IN CRAWLSPACE, AT PIPE CEILING UNIONS, & POSSIBLY IN	Brown Fibrous Homogeneous	95% Cellulose	5.0% Non-fibrous (Other)	None Detected

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Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262, A2LA Accredited - Certificate #2845.25

Initial report from: 02/06/2023 08:46:41



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Attention: Kim Crosser
Impact7G
8951 Windsor Parkway
Johnston, IA 50131
Phone: (515) 460-1124
Fax: (515) 528-8005
Received Date: 02/03/2023 2:11 PM
Analysis Date: 02/04/2023 - 02/06/2023
Collected Date: 01/31/2023
Project: Webster County - Courthouse - HVAC Renovation - 701 Central Avenue, Fort Dodge, Iowa 50501 - Limited ACM - BD - 1/31/2023

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CH-07B 162302498-0014	AIRCELL PIPE INSULATION, GRAY, L, BOILER ROOM, STORAGE ROOM, DEBRIS IN CRAWLSPACE, AT PIPE CEILING UNIONS, & POSSIBLY IN	Gray Fibrous Homogeneous	30% Cellulose	20.0% Non-fibrous (Other)	50% Chrysotile
CH-07C-Insulation 162302498-0015	AIRCELL PIPE INSULATION, GRAY, L, BOILER ROOM, STORAGE ROOM, DEBRIS IN CRAWLSPACE, AT PIPE CEILING UNIONS, & POSSIBLY IN	Gray Fibrous Homogeneous	30% Cellulose	20.0% Non-fibrous (Other)	50% Chrysotile
CH-07C-Wrap 162302498-0015A	AIRCELL PIPE INSULATION, GRAY, L, BOILER ROOM, STORAGE ROOM, DEBRIS IN CRAWLSPACE, AT PIPE CEILING UNIONS, & POSSIBLY IN	White Fibrous Homogeneous	95% Cellulose	5.0% Non-fibrous (Other)	None Detected
CH-08A 162302498-0016	LARGE MUDDED JOINT, GRAY/WHITE, L, BOILER ROOM	White Fibrous Homogeneous		70.0% Non-fibrous (Other)	30% Chrysotile
CH-08B-Mudded Joint 162302498-0017	LARGE MUDDED JOINT, GRAY/WHITE, L, BOILER ROOM	Gray Fibrous Homogeneous	30% MinWool	70.0% Non-fibrous (Other)	None Detected
CH-08B-Coating 162302498-0017A	LARGE MUDDED JOINT, GRAY/WHITE, L, BOILER ROOM	White Non-Fibrous Homogeneous	5% Synthetic 5% Glass	90.0% Non-fibrous (Other)	None Detected

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Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262, A2LA Accredited - Certificate #2845.25

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Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CH-08C 162302498-0018	LARGE MUDDED JOINT, GRAY/WHITE, L, BOILER ROOM	Gray Fibrous Homogeneous	30% MinWool	70.0% Non-fibrous (Other)	None Detected
CH-09-Mudded Joint 162302498-0019	MUDDED JOINT, GRAY, L, BOILER ROOM, CRAWLSPACE, & POSSIBLY IN WALLS	Gray Fibrous Homogeneous	30% MinWool	70.0% Non-fibrous (Other)	None Detected
CH-09-Coating 162302498-0019A	MUDDED JOINT, GRAY, L, BOILER ROOM, CRAWLSPACE, & POSSIBLY IN WALLS	White Non-Fibrous Homogeneous	5% Synthetic	95.0% Non-fibrous (Other)	None Detected
CH-10 162302498-0020	CORRUGATED FLOOR DEBRIS, TAN, L, THROUGHOUT CRAWLSPACE LABELED "ASBESTOS"	Brown Fibrous Homogeneous	98% Cellulose	2.0% Non-fibrous (Other)	None Detected
CH-11 162302498-0021	2'x2' CEILING TILE - TEXTURED, WHITE, ALL, RESTROOMS	Gray/White/Silver Fibrous Homogeneous	95% MinWool	5.0% Non-fibrous (Other)	None Detected
CH-12 162302498-0022	FIBERGLASS PIPE WRAP, WHITE, ALL, PERIMETER RADIATORS & HEATING PIPES	White/Silver Fibrous Homogeneous	60% Cellulose 5% Glass	35.0% Non-fibrous (Other)	None Detected
CH-13 162302498-0023	FIBERGLASS PIPE INSULATION, WHITE, ALL, PERIMETER RADIATORS & HEATING PIPES	Yellow Fibrous Homogeneous	98% Glass	2.0% Non-fibrous (Other)	None Detected
CH-14-Insulation 162302498-0024	WALL INSULATION, YELLOW, ALL, EXTERIOR WALLS	Yellow Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected

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Project: Webster County - Courthouse - HVAC Renovation - 701 Central Avenue, Fort Dodge, Iowa 50501 - Limited ACM - BD - 1/31/2023

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
CH-14-Coating 162302498-0024A	WALL INSULATION, YELLOW, ALL, EXTERIOR WALLS	White Fibrous Homogeneous	20% Glass	80.0% Non-fibrous (Other)	None Detected
CH-15 162302498-0025	CARPET ADHESIVE, YELLOW, ALL, OFFICES	Yellow Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
CH-16A 162302498-0026	DUCT SEAM TAPE, WHITE, ALL, NORTH ATTIC	White Fibrous Homogeneous	30% Cellulose	70.0% Non-fibrous (Other)	None Detected
CH-16B 162302498-0027	DUCT SEAM TAPE, WHITE, ALL, NORTH ATTIC	White Fibrous Homogeneous	30% Cellulose	70.0% Non-fibrous (Other)	None Detected
CH-16C 162302498-0028	DUCT SEAM TAPE, WHITE, ALL, SOUTH ATTIC & THROUGHOUT DUCTWORK	White Fibrous Homogeneous	30% Cellulose	70.0% Non-fibrous (Other)	None Detected
CH-17 162302498-0029	FLOOR CEMENT, GRAY, ATTIC, ATTIC FLOORS	Gray Non-Fibrous Homogeneous		15% Quartz 85.0% Non-fibrous (Other)	None Detected
CH-18 162302498-0030	FIBERGLASS DUCT INSULATION, YELLOW, ALL, THROUGHOUT DUCTWORK	Yellow Fibrous Homogeneous	98% Glass	2.0% Non-fibrous (Other)	None Detected
CH-19 162302498-0031	CEILING INSULATION, YELLOW, ATTIC, ATTIC CEILING	Yellow Fibrous Homogeneous	98% Glass	2.0% Non-fibrous (Other)	None Detected
CH-20 162302498-0032	BRICK GROUT, GRAY, ALL, THROUGHOUT EXTERIOR WALLS	Gray Non-Fibrous Homogeneous		20% Quartz 80.0% Non-fibrous (Other)	None Detected

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Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262, A2LA Accredited - Certificate #2845.25

Initial report from: 02/06/2023 08:46:41



EMSL Analytical, Inc.

6340 CastlePlace Dr. Indianapolis, IN 46250

Tel/Fax: (317) 803-2997 / (317) 803-3047

<http://www.EMSL.com> / indianapolislab@emsl.com

EMSL Order: 162302498
Customer ID: IMPA25
Customer PO:
Project ID:

Attention: Kim Crosser
 Impact7G
 8951 Windsor Parkway
 Johnston, IA 50131

Phone: (515) 460-1124
Fax: (515) 528-8005
Received Date: 02/03/2023 2:11 PM
Analysis Date: 02/04/2023 - 02/06/2023
Collected Date: 01/31/2023

Project: Webster County - Courthouse - HVAC Renovation - 701 Central Avenue, Fort Dodge, Iowa 50501 - Limited ACM - BD - 1/31/2023

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
CH-21 162302498-0033	WALL CEMENT, GRAY, ALL, STAIRWELLS	Gray Non-Fibrous Homogeneous		20% Quartz 80.0% Non-fibrous (Other)	None Detected
CH-22A 162302498-0034	SKIM COAT, WHITE, ALL, WALLS & CEILINGS	White Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
CH-22B 162302498-0035	SKIM COAT, WHITE, ALL, WALLS & CEILINGS	White Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
CH-22C 162302498-0036	SKIM COAT, WHITE, ALL, WALLS & CEILINGS	White Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
CH-23A 162302498-0037	PLASTER, GRAY, ALL, WALLS & CEILINGS	Gray Non-Fibrous Homogeneous	<1% Hair	20% Quartz 80.0% Non-fibrous (Other)	None Detected
CH-23B 162302498-0038	PLASTER, GRAY, ALL, WALLS & CEILINGS	Gray Non-Fibrous Homogeneous	<1% Hair	20% Quartz 80.0% Non-fibrous (Other)	None Detected
CH-23C 162302498-0039	PLASTER, GRAY, ALL, WALLS & CEILINGS	Gray Non-Fibrous Homogeneous	<1% Hair	20% Quartz 80.0% Non-fibrous (Other)	None Detected
CH-24 162302498-0040	DRYWALL, WHITE, ALL, WALLS & CEILINGS	Brown/White Fibrous Heterogeneous	40% Cellulose <1% Glass	55% Gypsum 5.0% Non-fibrous (Other)	None Detected
CH-25-Drywall Compound 162302498-0041	DRYWALL COMPOUND, WHITE, ALL, WALLS & CEILINGS	White Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected

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Project: Webster County - Courthouse - HVAC Renovation - 701 Central Avenue, Fort Dodge, Iowa 50501 - Limited ACM - BD - 1/31/2023

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CH-25-Texture 162302498-0041A	DRYWALL COMPOUND, WHITE, ALL, WALLS & CEILINGS	White Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
CH-26 162302498-0042	DRYWALL TAPE, WHITE, ALL, WALLS & CEILINGS	White Fibrous Homogeneous	98% Cellulose	2.0% Non-fibrous (Other)	None Detected
CH-27 162302498-0043	FIBERGLASS DUCT INSULATION, GRAY, ALL, INSIDE DUCTWORK	Brown/White/Black Fibrous Homogeneous	95% Glass	5.0% Non-fibrous (Other)	None Detected
CH-28 162302498-0044	FLOOR DEBRIS, GRAY, ALL, SOUTH ATTIC ON FLOOR	Gray Fibrous Homogeneous	30% MinWool	65.0% Non-fibrous (Other)	5% Chrysotile
CH-29A-Finish Coat 162302498-0045	PLASTER, GRAY, ALL, RECORDS ROOM	White Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
CH-29A-Base Coat 162302498-0045A	PLASTER, GRAY, ALL, RECORDS ROOM	Gray Non-Fibrous Homogeneous		20% Quartz 80.0% Non-fibrous (Other)	None Detected
CH-29B-Finish Coat 162302498-0046	PLASTER, GRAY, ALL, RECORDS ROOM	White Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
CH-29B-Base Coat 162302498-0046A	PLASTER, GRAY, ALL, RECORDS ROOM	Gray Non-Fibrous Homogeneous		20% Quartz 80.0% Non-fibrous (Other)	None Detected
CH-29C-Finish Coat 162302498-0047	PLASTER, GRAY, ALL, RECORDS ROOM	White Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected

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EMSL Order: 162302498
Customer ID: IMPA25
Customer PO:
Project ID:

Attention: Kim Crosser Impact7G 8951 Windsor Parkway Johnston, IA 50131	Phone: (515) 460-1124 Fax: (515) 528-8005 Received Date: 02/03/2023 2:11 PM Analysis Date: 02/04/2023 - 02/06/2023 Collected Date: 01/31/2023
Project: Webster County - Courthouse - HVAC Renovation - 701 Central Avenue, Fort Dodge, Iowa 50501 - Limited ACM - BD - 1/31/2023	

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CH-29C-Base Coat 162302498-0047A	PLASTER, GRAY, ALL, RECORDS ROOM	Gray Non-Fibrous Homogeneous		20% Quartz 80.0% Non-fibrous (Other)	None Detected
CH-30 162302498-0048	RADIATOR INSULATION, YELLOW, ALL, PERIMETER RADIATORS	Yellow Fibrous Homogeneous	95% Glass	5.0% Non-fibrous (Other)	None Detected
CH-9B-Coating 162302498-0048A	RADIATOR INSULATION, YELLOW, ALL, PERIMETER RADIATORS	White Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
CH-9B-Mudded Joint 162302498-0048B	RADIATOR INSULATION, YELLOW, ALL, PERIMETER RADIATORS	Gray Fibrous Homogeneous	30% MinWool	70.0% Non-fibrous (Other)	None Detected
CH-9C 162302498-0048C	RADIATOR INSULATION, YELLOW, ALL, PERIMETER RADIATORS	Gray Fibrous Homogeneous	30% MinWool	70.0% Non-fibrous (Other)	None Detected

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Project: Webster County - Courthouse - HVAC Renovation - 701 Central Avenue, Fort Dodge, Iowa 50501 - Limited ACM - BD - 1/31/2023	

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy


Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type


The samples in this report were submitted to EMSL for analysis by Asbestos Analysis of Bulk materials via EPA/600 (0513) Method using Polarized Light Microscopy. The reference number for these samples is the EMSL Order ID above. Please use this reference number when calling about these samples.

Report Comments:

Sample Receipt Date:	02/03/2023	Sample Receipt Time:	2:11 PM
Analysis Completed Date:	02/06/2023	Analysis Completed Time:	8:44 AM

Analyst(s):


Paul Rihm PLM (49)


Ross Matlock PLM (11)

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Project: Webster County - Courthouse - HVAC Renovation - 701 Central Avenue, Fort Dodge, Iowa 50501 - Limited ACM - BD - 1/31/2023	

Samples Reviewed and approved by:

Asbestos Laboratory Manager
or other approved signatory

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Initial report from: 02/06/2023 08:46:41



Asbestos Chain of Custody EMSL Order Number
(Lab Use Only)

6340 Castleplace Dr.
Indianapolis, IN 46250
Phone: (317)803-2997
Fax: (317)803-3047

162302498

EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRADING

Company: IMPACT7G		<input checked="" type="checkbox"/> EMSL – Bill to: Same	
Street: 8951 Windsor Parkway		<i>Third Party Billing requires written authorization from third party.</i>	
City: Johnston	State: IA	Zip Code: 50131	Country: USA
Report To: Kim Crosser		Phone: 515-460-1124	Fax: 515-528-8005
Email Address: kcrosser@impact7g.com		Please Provide results: EMAIL	
Project Name: Webster County– Courthouse – HVAC Renovation - 701 Central Avenue, Fort Dodge, Iowa 50501 – Limited ACM – BD – 1/31/2023			
US State Samples Taken: IA			

Turnaround Time (TAT) Options

3-Hour
 6-Hour
 24-Hour
 32-Hour
 48 -Hour
 72-Hour
 1 Week
 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule *There is a premium charge for 3 hr TEM AHERA or EPA Level II TAT You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytic Price Guide

PLM – BULK (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%)	TEM – Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763
--	--

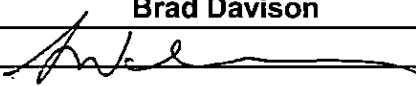
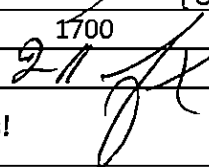
Sampler Names: Brad Davison Sampler Signature:

Check for Positive Stop – Clearly Identify Homogeneous Group
 Filter Pore Size (Air Samples):
 .8 µm
 .45 µm

Sample ID	Sample Material/Description	Color	Floor	Location	Sample Date
CH-01 ABC	Boiler Gasket	white	L	boiler room - AB) North Boiler C)South Boiler	1/31/2023
CH-02 ABC	Boiler Insulation	Yellow	L	boiler room - AB) North Boiler C)South Boiler	1/31/2023
CH-03 ABC	Fire Proofing	gray	L	boiler room	1/31/2023
CH-04	fiber glass pipe wrap	white	L	boiler room, crawl space, & throughout	1/31/2023
CH-05	fiber glass pipe insulation	Yellow	L	boiler room, crawl space, & throughout	1/31/2023
CH-06	Restroom Stall Divider	tan	L	crawl space restroom	1/31/2023
CH-07 ABC	Aircell Pipe Insulation	gray	L	boiler room, storage room, debris in crawl space, at pipe ceiling unions, & possibly in	1/31/2023
CH-08 ABC	large mudded joint	gray/white	L	boiler room	1/31/2023
CH-09	mudded joint	gray	L	boiler room, crawl space, & possibly in walls	1/31/2023
CH-10	corrugated floor debris	tan	L	throughout crawl space labeled "asbestos"	1/31/2023
CH-11	2' x 2' Ceiling Tile - Textured	white	all	restrooms	1/31/2023
CH-12	fiber glass pipe wrap	white	all	parameter radiators & heating pipes	1/31/2023
CH-13	fiber glass pipe insulation	Yellow	all	parameter radiators & heating pipes	1/31/2023
CH-14	wall insulation	Yellow	all	exterior walls	1/31/2023
CH-15	carpet adhesive	Yellow	all	offices	1/31/2023
CH-16 ABC	duct seam tape	white	all	AB) North Attic C) South Attic & throughout duct work	1/31/2023
CH-17	floor cement	gray	attic	attic floors	1/31/2023
CH-18	fiberglass duct insulation	Yellow	all	throughout duct work	1/31/2023
CH-19	ceiling insulation	Yellow	attic	attic ceiling	1/31/2023
CH-20	brick grout	gray	all	throughout exterior walls	1/31/2023
CH-21	wall cement	gray	all	stair wells	1/31/2023
CH-22 ABC	skim coat	white	all	walls & ceilings	1/31/2023
CH-23 ABC	plaster	gray	all	walls & ceilings	1/31/2023
CH-24	drywall	white	all	walls & ceilings	1/31/2023
CH-25	drywall compound	white	all	walls & ceilings	1/31/2023

Ship Date: 2/2/2023

02498

CH-26	drywall tape	white	all	walls & ceilings	1/31/2023
CH-27	fiberglass duct insulation	gray	all	inside duct work	1/31/2023
CH-28	floor debris	gray	all	north attic on floor	1/31/2023
CH-29 ABC	plaster	gray	all	records room	1/31/2023
CH-30	radiator insulation	Yellow	all	parameter radiators	1/31/2023
Client Sample # (s):	CH-01 through CH-30			Total #:	45 48
Relinquished (Client):	Brad Davison	Date:	2/2/2023	Time:	1700
Received (Lab):		Date:	2/2/23	Time:	2-11 
Comments/Special Instructions:	PLEASE SAMPLE ALL LAYERS, ADHESIVES, TEXTURES, ETC. Thanks!				



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EMSL Order: 162303219
Customer ID: IMPA25
Customer PO:
Project ID:

Attention: Kim Crosser
Impact7G
8951 Windsor Parkway
Johnston, IA 50131

Phone: (515) 460-1124
Fax: (515) 528-8005
Received Date: 02/14/2023 8:20 AM
Analysis Date: 02/14/2023
Collected Date: 02/10/2023

Project: Webster County - Courthouse - Roof HVAC Renovation - 701 Central Avenue, Fort Dodge, Iowa 50501 - Limited
ACM - BD - 2/13/2023

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CH-31 162303219-0001	ROOF MEMBRANE, BLACK, R, BUILT-UP ROOF TOP LAYER	Black Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
CH-32 162303219-0002	ROOF INSULATION, TAN, R, BUILT-UP ROOF BOTTOM LAYER ON WOOD	White Fibrous Heterogeneous	10% Glass	85% Gypsum 5.0% Non-fibrous (Other)	None Detected
CH-33 162303219-0003	AC FLASHING ADHESIVE, YELLOW, R, SOUTH AC UNITS	Yellow Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
CH-34 162303219-0004	SEAM CAULK, BLACK, R, THROUGHOUT ON MEMBRANE SEAMS	Black Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
CH-35 162303219-0005	AC INLET MEMBRANE, BLACK, R, AC & GAS LINE INLETS	Black Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
CH-36 162303219-0006	AC INLET TAR, BLACK, R, AC & GAS LINE INLETS	Black Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
CH-37 162303219-0007	AC FLASHING ADHESIVE, ORANGE, NORTH AC UNITS	Tan Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected

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

Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262, A2LA Accredited - Certificate #2845.25

Initial report from: 02/14/2023 11:53:33



EMSL Analytical, Inc.

6340 CastlePlace Dr. Indianapolis, IN 46250

Tel/Fax: (317) 803-2997 / (317) 803-3047

<http://www.EMSL.com> / indianapolislab@emsl.com

EMSL Order: 162303219
Customer ID: IMPA25
Customer PO:
Project ID:

Attention: Kim Crosser Impact7G 8951 Windsor Parkway Johnston, IA 50131	Phone: (515) 460-1124 Fax: (515) 528-8005 Received Date: 02/14/2023 8:20 AM Analysis Date: 02/14/2023 Collected Date: 02/10/2023
Project: Webster County - Courthouse - Roof HVAC Renovation - 701 Central Avenue, Fort Dodge, Iowa 50501 - Limited ACM - BD - 2/13/2023	

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy


Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type

The samples in this report were submitted to EMSL for analysis by Asbestos Analysis of Bulk materials via EPA/600 (0513) Method using Polarized Light Microscopy. The reference number for these samples is the EMSL Order ID above. Please use this reference number when calling about these samples.

Report Comments:

Sample Receipt Date:	02/14/2023	Sample Receipt Time:	8:20 AM
Analysis Completed Date:	02/14/2023	Analysis Completed Time:	11:42 AM

Analyst(s):



 Paul Rihm PLM (7)

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

Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262, A2LA Accredited - Certificate #2845.25

Initial report from: 02/14/2023 11:53:33



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Tel/Fax: (317) 803-2997 / (317) 803-3047

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EMSL Order: 162303219
Customer ID: IMPA25
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Attention: Kim Crosser Impact7G 8951 Windsor Parkway Johnston, IA 50131	Phone: (515) 460-1124 Fax: (515) 528-8005 Received Date: 02/14/2023 8:20 AM Analysis Date: 02/14/2023 Collected Date: 02/10/2023
Project: Webster County - Courthouse - Roof HVAC Renovation - 701 Central Avenue, Fort Dodge, Iowa 50501 - Limited ACM - BD - 2/13/2023	

Samples Reviewed and approved by:

Asbestos Laboratory Manager
or other approved signatory

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

Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262, A2LA Accredited - Certificate #2845.25

Initial report from: 02/14/2023 11:53:33



Asbestos Chain of Custody EMSL Order Number
(Lab Use Only)

6340 Castleplace Dr.
Indianapolis, IN 46250
Phone: (317)803-2997
Fax: (317)803-3047

162303219

EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS • TRAINING

Company: IMPACT7G		<input checked="" type="checkbox"/> EMSL – Bill to: Same	
Street: 8951 Windsor Parkway		<i>Third Party Billing requires written authorization from third party.</i>	
City: Johnston	State: IA	Zip Code: 50131	Country: USA
Report To: Kim Crosser		Phone: 515-460-1124	Fax: 515-528-8005
Email Address: kcrosser@impact7g.com		Please Provide results: EMAIL	
Project Name: Webster County- Courthouse – Roof HVAC Renovation - 701 Central Avenue, Fort Dodge, Iowa 50501 – Limited ACM – BD – 2/13/2023			
US State Samples Taken: IA			

Turnaround Time (TAT) Options

3-Hour
 6-Hour
 24-Hour
 32-Hour
 48 -Hour
 72-Hour
 1 Week
 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule *There is a premium charge for 3 hr TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytic Price Guide

PLM – BULK (reporting limit)	TEM – Air
<input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%)	<input type="checkbox"/> 4-4.5hr TAT (AHERA only)
	<input type="checkbox"/> AHERA 40 CFR, Part 763

Sampler Names: Brad Davison Sampler Signature: _____



Check for Positive Stop – Clearly Identify Homogeneous Group Filter Pore Size (Air Samples): .8 µm .45 µm

Sample ID	Sample Material/Description	Color	Floor	Location	Sample Date
CH-31	Roof Membrane	Black	R	Built up Roof Top Layer	2/10/2023
CH-32	Roof Insulation	Tan	R	Built up Roof Bottom Layer on Wood	2/10/2023
CH-33	AC Flashing Adhesive	Yellow	R	South AC Units	2/10/2023
CH-34	Seam Calk	Black	R	Throughout on Membrane Seams	2/10/2023
CH-35	AC Inlet Membrane	Black	R	AC & Gas Line Inlets	2/10/2023
CH-36	AC Inlet Tar	Black	R	AC & Gas Line Inlets	2/10/2023
CH-37	AC Flashing Adhesive	Orange	R	North AC Units	2/10/2023


Client Sample # (s):	CH-31 through CH-37		Total #:	7
Relinquished (Client):	Brad Davison	Date: 2/10/2023	Time: 1700	
Received (Lab):	<i>[Signature]</i>	Date: 2/14/23	Time: 820am Fx	
Comments/Special Instructions:	PLEASE SAMPLE ALL LAYERS, ADHESIVES, TEXTURES, ETC. Thanks!			

APPENDIX C
ACM Photographs

Photograph table includes photos of all asbestos-containing materials.

1/31/2023 Photographer: Brad Davison	Asbestos Containing Materials Inspection 701 Central Avenue Fort Dodge, Iowa 50501
<p>Photo #1</p> <p>Description:</p> <p>ACM Gray Aircell Pipe Insulation</p> <p>Location:</p> <p>Boiler Room, Crawl Space, Debris in Crawl Space, Likely in Walls, Storage Room, & Ceiling Pipe Unions</p> <p>Samples CH-07 ABC</p>	
<p>Photo #2</p> <p>Description:</p> <p>ACM White Large Mudded Joint</p> <p>Location:</p> <p>Boiler Room</p> <p>Sample CH-08 A</p>	

Photograph table includes photos of all asbestos-containing materials. (Continued)

<p>1/31/2023 Photographer: Brad Davison</p>	<p>Asbestos Containing Materials Inspection 701 Central Avenue Fort Dodge, Iowa 50501</p>
<p>Photo #3</p> <p>Description:</p> <p>ACM Gray Floor Debris</p> <p>Location:</p> <p>South Attic on Floor & Possible Wall Crevice</p> <p>Sample CH-28</p>	

APPENDIX E

Sample Location Map(s)

Map-1

Webster County Court House Lower Level & Boiler Room - Sample Location Location Map



Project:
HVAC Renovation

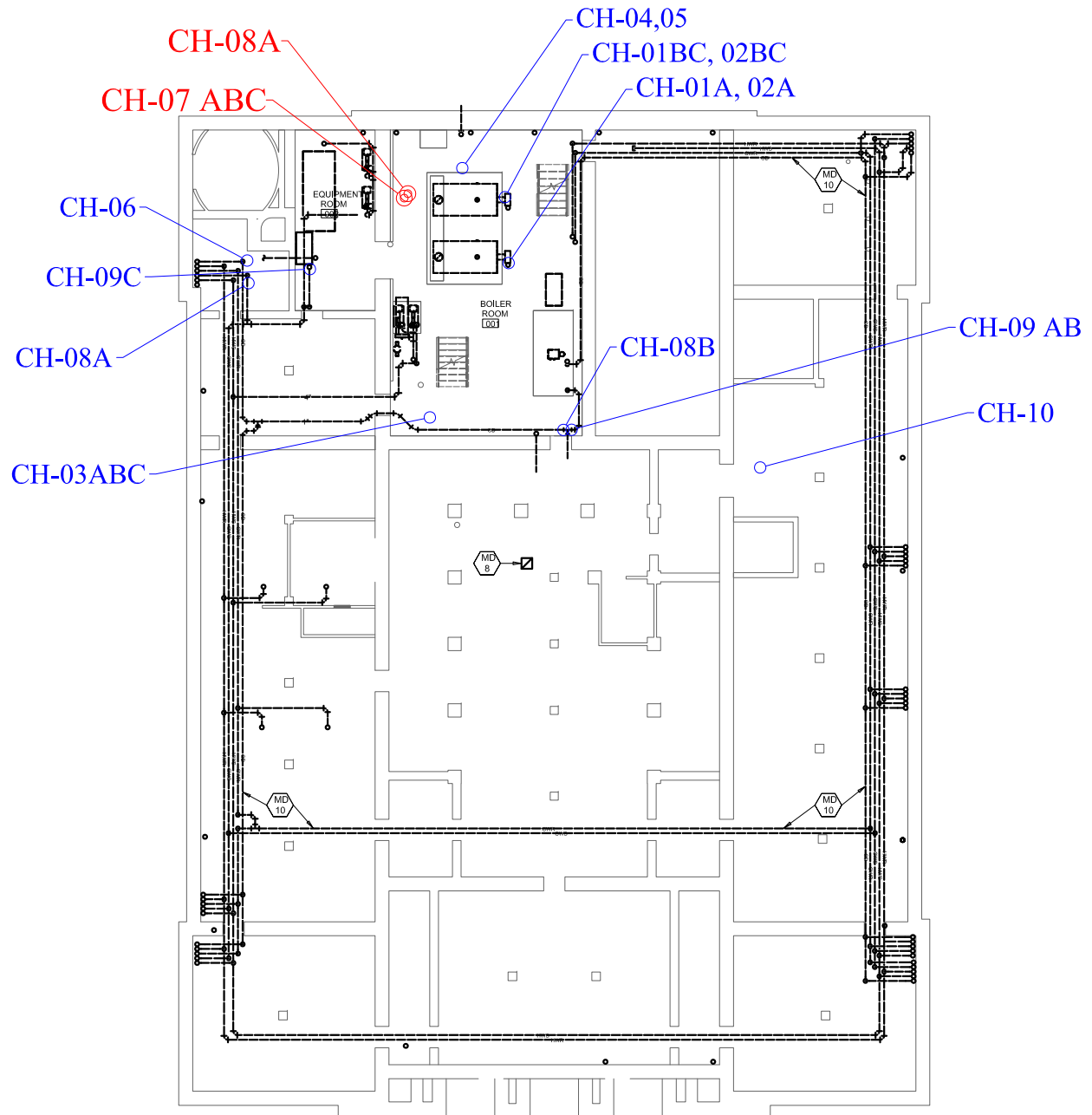
Project Address:
Webster County Courthouse
701 Central Avenue
Fort Dodge, IA

Client:
Webster County

Inspection Date:
1/31 & 2/13/2023

Legend

- ⊙ - ACM Sample Location
- - Non-ACM Sample Location



Map-2

Webster County Court House First Floor - Sample Location Location Map



Project:
HVAC Renovation

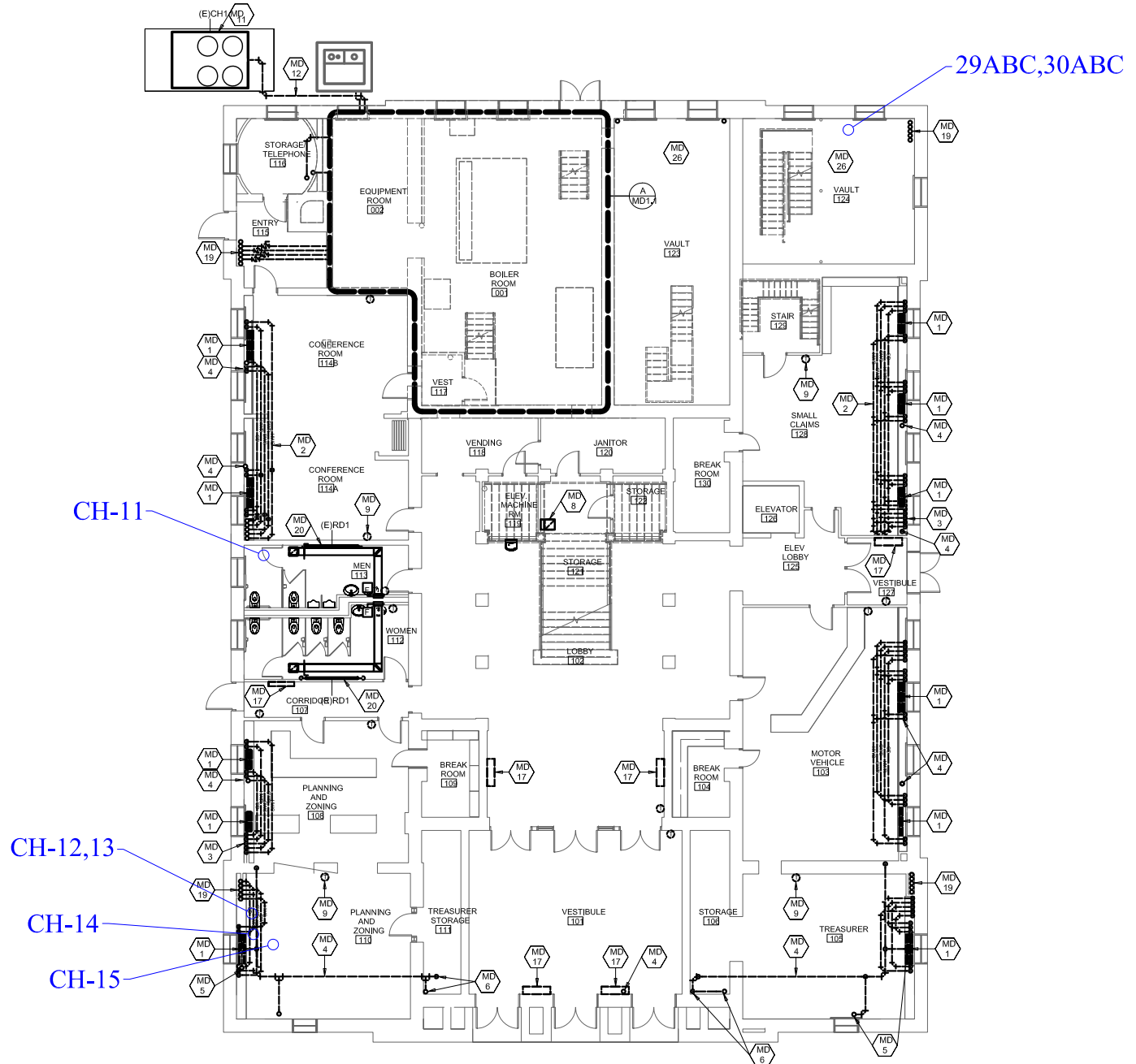
Project Address:
Webster County Courthouse
701 Central Avenue
Fort Dodge, IA

Client:
Webster County

Inspection Date:
1/31 & 2/13/2023

Legend

- ⊙ - ACM Sample Location
- - Non-ACM Sample Location



Map-3

Webster County Court House Fourth Floor - Sample Location Location Map



Project:
HVAC Renovation

Project Address:
Webster County Courthouse
701 Central Avenue
Fort Dodge, IA

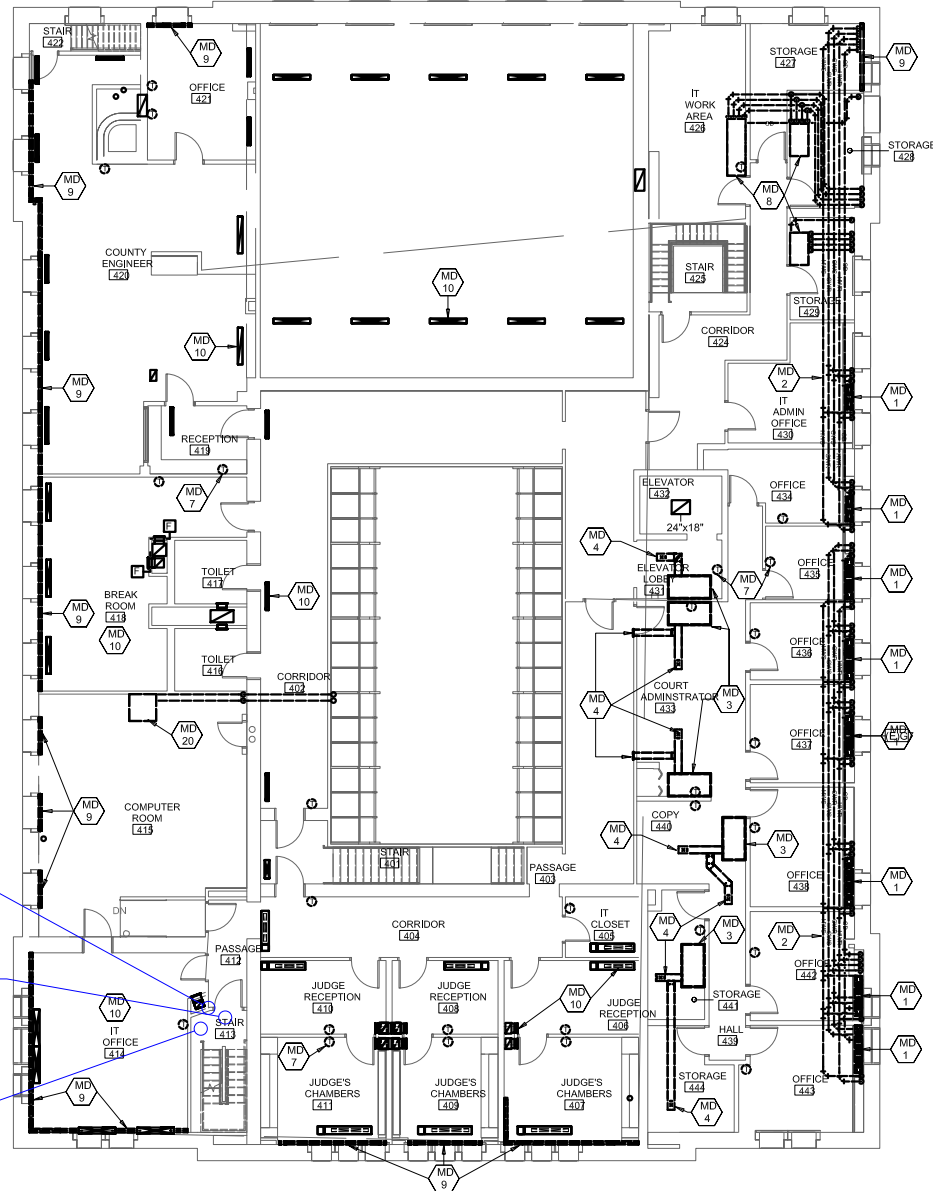
Client:
Webster County

Inspection Date:
1/31 & 2/13/2023

Legend

- - ACM Sample Location
- - Non-ACM Sample Location

CH-24,25,26
CH-22ABC,23ABC
CH-21



Map-4

Webster County Court House Fifth Floor/Attic - Sample Location Location Map





Project:
HVAC Renovation

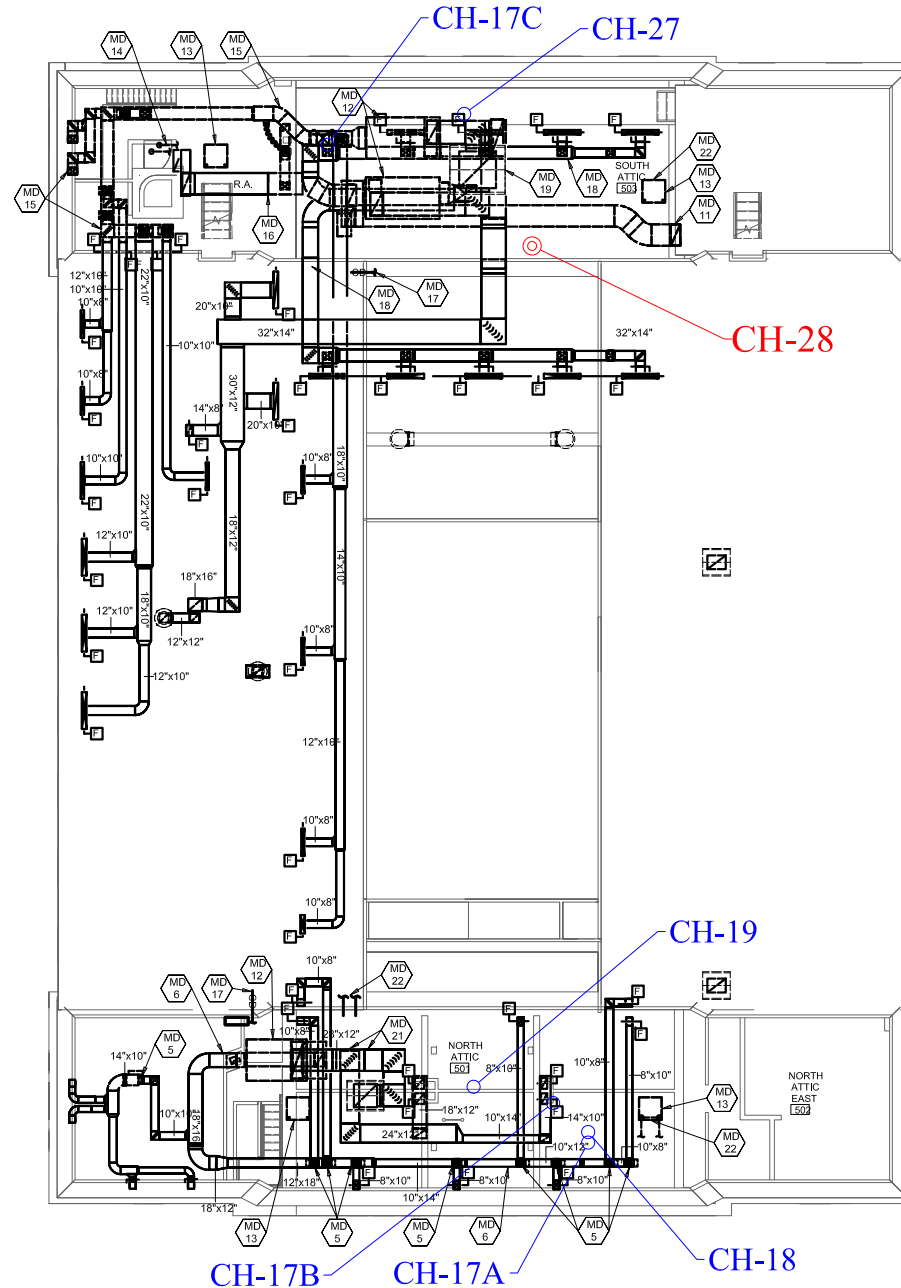
Project Address:
Webster County Courthouse
701 Central Avenue
Fort Dodge, IA

Client:
Webster County

Inspection Date:
1/31 & 2/13/2023

Legend

-  - ACM Sample Location
-  - Non-ACM Sample Location



Map-5

Webster County Court House Roof - Sample Location Location Map



Project:
HVAC Renovation

Project Address:
Webster County Courthouse
701 Central Avenue
Fort Dodge, IA

Client:
Webster County

Inspection Date:
1/31 & 2/13/2023

Legend

- ⊙ - ACM Sample Location
- - Non-ACM Sample Location

