

Sioux Falls VAHCS, Sioux Falls, SD
EHRM Infrastructure Upgrades
2501 West 22nd St.
Sioux Falls, SD 57105

VA Project 438-20-910
07-06-2021
Bid Documents

Appendix A:

-Asbestos Survey Report



LANDMARK
Environmental

Asbestos Survey Report
EHRM Infrastructure Upgrades
Portions of Buildings 1, 5, 7, 16, 28, 38 & 52
Veterans Affairs Medical Center
Sioux Falls, South Dakota

Prepared for:

*ANDERSON ENGINEERING
13605 1ST AVENUE NORTH
PLYMOUTH, MN*

June 1, 2021

ASBESTOS SURVEY

EMHR INFRASTRUCTURE UPGRADE PORTIONS OF BUILDINGS 1, 5, 7, 16, 28, 38 & 52 VETERANS AFFAIRS MEDICAL CENTER SIOUX FALLS, SD

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1.0 Executive Summary

Landmark Environmental, LLC (Landmark) was retained by Anderson Engineering (Client) to complete an asbestos survey (Survey) as part of a EHRM Infrastructure Upgrade project at the Sioux Falls Veterans Affairs Medical Center located in Sioux Falls, South Dakota (the Property). The Client intends to upgrade the IT Infrastructure through a project titled “EHRM Infrastructure Upgrade” in portions of Buildings 1, 5, 7, 16, 28, 38 & 52 at the Property (Project Area). The Project Areas included in the Survey were delineated in the Clients 35% Construction document dated 3/26/2021 and provided by the Client.

A summary of the Survey results are as follows:

Building 1

Landmark collected 17 bulk asbestos samples as part of the Survey. The contracted laboratory, SanAir Technologies Laboratory (SanAir) separated these 17 samples into 20 individual layer samples and all 20 individual layer samples were analyzed.

Based on the Survey laboratory report and prior asbestos sampling in the building, suspect building materials found to contain asbestos include – **pipe insulation and joint compound**. Non-fiberglass pipe insulation was observed during the Survey but was not sampled since it had previously been sampled and found to contain asbestos. Some of this pipe insulation was behind hard walls, ceilings, and soffits and was inaccessible. Pipe insulation has been included in the report and asbestos-containing material (ACM) database. ACM should not be cut, drilled, sanded or disturbed.

Building materials assumed to contain asbestos include – **fire doors**.

Building 5

Landmark collected 125 bulk asbestos samples as part of the Survey. SanAir separated these 125 samples into 147 individual layer samples and all 147 individual layer samples were analyzed.

Based on the Survey laboratory report and prior asbestos sampling in the building, suspect building materials found to contain asbestos include – **tank insulation, pipe insulation, hard fittings on pipe insulation, joint compound, floor tile under carpet,**

floor tile mastic, 12” x 12” floor tile, floor tile under floor tile, and Transite. Non-fiberglass tank insulation, pipe insulation, and Transite was observed during the Survey but was not sampled since it had previously been sampled and found to contain asbestos. Some of this pipe insulation was behind hard walls, ceilings, and soffits and was inaccessible. Transite tank and pipe insulation has been included in the report and ACM database. ACM should not be cut, drilled, sanded or disturbed.

Building materials assumed to contain asbestos include – **electric panels, fire doors and roofing materials.**

Building 7

Landmark collected 9 bulk asbestos samples as part of the Survey. The contracted laboratory, SanAir separated these 9 samples into 12 individual layer samples and all 12 individual layer samples were analyzed.

Based on the laboratory report, no suspect building materials were found to contain asbestos.

No suspect building materials were assumed to contain asbestos.

Building 16

Landmark collected 4 bulk asbestos samples as part of the Survey. The contracted laboratory, SanAir separated these 4 samples into 7 individual layer samples and all 7 individual layer samples were analyzed.

Based on the laboratory report, no suspect building materials were found to contain asbestos.

No suspect building materials were assumed to contain asbestos.

Building 28

Landmark collected 7 bulk asbestos samples as part of the Survey. The contracted laboratory, SanAir separated these 7 samples into 10 individual layer samples and all 10 individual layer samples were analyzed.

Based on the laboratory report, no suspect building materials were found to contain asbestos.

No suspect building materials were assumed to contain asbestos.

Building 38

Landmark collected 11 bulk asbestos samples as part of the Survey. The contracted laboratory, SanAir separated these 11 samples into 14 individual layer samples and all 14 individual layer samples were analyzed.

Based on the laboratory report suspect building materials found to contain asbestos include – **12” x 12” floor tile, and floor tile mastic**. ACM should not be cut, drilled, sanded or disturbed.

No suspect building materials were assumed to contain asbestos.

Building 52

Landmark collected 8 bulk asbestos samples as part of the Survey. The contracted laboratory, SanAir analyzed all 8 samples collected.

Based on the laboratory report, no suspect building materials were found to contain asbestos.

Building materials assumed to contain asbestos include – **fire door**

No attempt was made to locate materials inside ceilings, walls, doors, ducts, and other areas that would require destructive entry since the building was occupied at the time of the Survey. The possibility exists that as these locations are opened up during renovation, suspect material will be found.

Electrical wiring and panels were not sampled. Landmark does not perform bulk sampling of electrical equipment unless it has been shut down and tagged by a licensed electrician.

Landmark did not sample the roof of Building 5 that will be impacted as part of the project since doing so would damage the integrity of the roof and void the warranty. This area must be sampled prior to disturbance.

Landmark could not gain access behind the radiators during the Survey. The possibility exists that asbestos-containing Transite may exist behind the radiators. When the radiator covers are removed during construction, Transite may possibly be found. For the purposes of this Survey, Transite is assumed to be located behind the radiators in the Project Area.

Landmark did not gain access into Building 5, 3rd floor west Project Area (Room 370 and Nurse Area) due to the area being in a COVID lockdown portion of the floor. According to the VA staff and the Client, this portion of the building was recently renovated at the same time as the 2nd floor nurse's area directly below. Room 370 and the Nurse area must be inspected for ACM prior to construction activities taking place.

This Survey identifies asbestos as they existed on the day of the survey at the Property. Conditions may change over time.

This Survey should not be used as a bidding document. The ACM quantities provided are estimates and must be verified by the bidding contractors. Landmark recommends using a licensed asbestos project designer to design and bid all projects.

2.0 Introduction

Landmark completed an asbestos survey report (Report) at the Property. The procedures used for this Survey and assessment comply with the Environmental Protection Agency (EPA), Occupational Safety and Health Administration (OSHA), and South Dakota Department of Environment and Natural Resources (SD DENR) asbestos standards.

2.1 Purpose

Landmark was retained by the Client to complete the Survey and Report for the purposes of understanding ACM locations and quantities in the areas to be renovated during the project.

2.2 Survey Approach

The Survey and assessment, consisting of identifying, sampling, assessing, and quantifying suspect ACM within the Property building, was conducted on May 12-14, 2021. Diagrams of the area included in the Survey are included in Appendix D.

2.3 Assumptions, Limitations and Exceptions

The findings and recommendations in this Report are subject to the following assumptions, limitations, and/or exceptions:

- No attempt was made to locate materials inside ceilings, walls, doors, ducts, roofs, and other areas that would require destructive entry. The possibility exists that materials may be present at these locations. Materials observed, or suspected in these areas, are assumed to be ACM if sampling was not feasible.
- Landmark could not gain access behind the radiators in the Project Area. The possibility exists that asbestos-containing Transite may exist behind the radiators. When radiator covers are removed during construction, Transite may possibly be found. For the purposes of this Survey, Transite is assumed to be located behind the radiators in the Project Area.
- Landmark could not access the 3rd floor west (Room 370 and Nurse Area) due to the area being a COVID lockdown portion of the floor. According to the VA staff and the Client, this portion of the building was recently renovated at the same time as the 2nd floor nurse's area directly below this area. Room 370 and the Nurse Area must be inspected for ACM prior to construction activities taking place.

- Electrical wiring and panels were not sampled. Landmark does not perform bulk sampling of electrical equipment unless it has been shut down and tagged by a licensed electrician.
- Landmark did not sample the roof of Building 5 that will be impacted as part of the project since doing so would damage the integrity of the roof and void the warranty. This area must be sampled prior to disturbance.
- This Survey identifies materials as they existed on the day of the survey. Conditions may change over time.

2.4 Qualifications

The survey was conducted by Mark Meier, an accredited asbestos building inspector with Landmark. A photocopy of the inspector's SD DENR certification is included in Appendix A.

Asbestos sample analysis for this project was conducted by SanAir in Powhatan, Virginia. SanAir is accredited by the National Voluntary Accreditation Program (NVLAP lab code 200870-0).

3.0 Sampling Methods and Analysis

3.1 Bulk Asbestos Sampling

Building diagrams were utilized to divide the Property building into functional spaces for the purposes of describing sampling locations. The building diagram with sample locations is included as Appendix B.

Similar systems and materials were grouped into “homogeneous areas of building materials” (homogeneous materials). Homogeneous materials often exist in more than one functional space within the Property building. Each homogeneous material was assigned a discrete number; the homogeneous material number is indicated in the first number of the sample name. Multiple samples of each homogeneous material were taken in accordance with the EPA-Asbestos Hazard Emergency Response Act (AHERA) guidelines using a random sampling procedure. These multiple samples were designated “A, B, C,” etc. for each homogenous material, as indicated in the sample name. The sample locations and sample descriptions are shown on the building diagram and the asbestos laboratory report in Appendix B.

Samples were collected by carefully removing a small representative sample of the suspect material and sealing it in a plastic bag.

3.2 Bulk Asbestos Analysis

Landmark collected 181 bulk asbestos samples as part of the Survey. SanAir separated these 181 samples into 218 individual layer samples and all 218 individual layer samples were analyzed. The laboratory results are presented in the attached report in Appendix B.

The bulk samples were analyzed by polarized light microscopy (PLM) with dispersion staining, EPA method 600/R-93/116 and EPA method 600/M4-82-020. Quantity determinations are made by visual estimation. For each homogeneous material, once a positive sample was identified, the remaining samples were not analyzed.

EPA National Emission Standards for Hazardous Air Pollutants (NESHAP)-Rule 40 CFR Part 61 states that samples found to contain less than 10% asbestos by visual estimation may be further quantified by point count analysis.

The Asbestos rule states that all multi-layer systems, except for wall systems where joint compound was used only at the joints and nail holes, must be analyzed as separate materials. If any layer contains greater than one percent asbestos, that layer must be treated as asbestos-containing. This requires all layers in a multi-layered system to be

treated as asbestos-containing if the layers cannot be separated without disturbing the asbestos-containing layer.

Asbestos samples will be held for 30 days after the date of this report.

3.3 Chain of Custody Procedures

To ensure that samples collected in the field are neither lost nor their identity mistaken, sample collection, from the point of collection to receipt in the laboratory, proceeds as follows. Each sample is first assigned a unique and distinct sampling number. After a sample is placed into a plastic bag, that unique number is assigned to that bag. This same number is documented on the laboratory's chain of custody. The inspector signs each chain of custody before delivering to the lab. Upon receipt of the samples, the lab analyst verifies that each sample matches the corresponding chain of custody number and signs and dates the chain of custody. After analysis, the analyst generates a report that includes the sample results and the project chain of custody forms.

4.0 Asbestos-Containing Material Assessment

In each functional space, each homogeneous material was quantified and assessed for friability (i.e. material can be crumbled, pulverized, or reduced to powder by hand pressure when dry). Suspect ACM was then assessed as to their condition and potential for disturbance. This information was recorded on the asbestos physical assessment shown in Appendix C. The model for this system is described in the *EPA Draft Curriculum for Training Building Inspectors*.

5.1 Summary of Asbestos-Containing Materials

Suspect homogeneous material found to contain asbestos and their sample numbers, arranged by building, include:

Building 1

Thermal Insulation

- Pipe insulation (Previously Sampled).

Surfacing Material – None Observed

Miscellaneous Materials

- Joint compound (Samples 1-02-3, 1-314-4).

Assumed Materials

- Fire door

Building 5

Thermal Insulation

- Tank insulation (Previously sampled).
- Pipe insulation (Previously sampled).

Surfacing Material - None Observed

Miscellaneous Materials

- Joint compound (Samples 5-296-1, 5-B23-4, 5-E05-1, 5-330C-4, 5-546-4, 5-149-4, 5-178-1).
- Floor tile under carpet & mastic (Samples 5-149-6, 5-149-7).
- 12” x 12” floor tile, light gray with brown streaks & mastic (Samples 5-178-6, 5-178-7).
- Floor tile mastic (Sample 5-178-11).
- Floor tile and mastic under floor tile (Samples 5-178-12, 5-178-13).
- Transite behind radiator (Previously Sampled).

Assumed Materials

- Electric panels
- Fire doors
- Roofing materials

Building 7

Thermal Insulation – None Observed

Surfacing Material – None Observed

Miscellaneous Materials – None Observed

Assumed Materials – None Observed

Building 16

Thermal Insulation – None Observed

Surfacing Material – None Observed

Miscellaneous Materials – None Observed

Assumed Materials – None Observed

Building 28

Thermal Insulation – None Observed

Surfacing Material – None Observed

Miscellaneous Materials – None Observed

Assumed Materials – None Observed

Building 38

Thermal Insulation – None Observed

Surfacing Material – None Observed

Miscellaneous Materials

- 12” x 12” floor tile, cream & mastic (Samples 38-129-4, 38-129-5).

Assumed Materials – None Observed

Building 52

Thermal Insulation – None Observed

Surfacing Material – None Observed

Miscellaneous Materials – None Observed

Assumed Materials

- Fire door

5.2 Summary of Non-Asbestos-Containing Materials

Suspect ACM is considered negative for asbestos when all samples of the material are found to contain one percent or less asbestos. Suspect homogeneous material found to be negative, arranged by building, includes:

Building 1

1. Sheetrock and joint compound (Samples 1-314-4, 1-02-3).
2. Plaster (Samples 1-314-1, 1-037-1A, 1-037-1B).
3. Baseboard adhesive, brown (Sample 1-314-2).
4. Baseboard adhesive, tan (Sample 1-314-3).
5. Wood grain floor sheeting (Sample 1-314-5).
6. Red firestop putty (Samples 1-314-6, 1-02-7, 1-037-3).
7. 2’ x 4’ ceiling tile, white with fissures, dents and holes (Sample 1-314-7).
8. 12” x 12” floor tile, tan with blue & mastic (Samples 1-02-1, 1-02-2).
9. 2’ x 2’ ceiling tile, white reveal with holes (Sample 1-02-4).

10. Gray baseboard and adhesive (Samples 1-02-5, 1-02-6).
11. Brown firestop putty (Sample 1-037-2).

Building 5

1. Sheetrock and joint compound (Samples 5-1002-1, 5-1002-2, 5-1114-1, 5-268-5, 5-296-1, 5-A27-5, 5-B23-4, 5-E05-1, 5-330C-1, 5-546-4, 5-149-4, 5-178-1, 5-510A-1).
2. Gray fireproofing (Samples 5-1002-2A, 5-1114-2A, 5-226C-1, 5-330C-4A, 5-330C-5B, 5-330C-5C, 5-201-1A, 5-201-1B, 5-201-1C, 5-1002-2B, 5-1114-2B).
3. Red firestop putty (Samples 5-1002-3, 5-270-5-2, 5-226C-5, 5-296C-2, 5-B23-5, 5-150A-1).
4. Old roof epoxy (Samples 5-1002-4).
5. Black remnant roofing tar/felt (Sample 5-1002-5).
6. Light brown baseboard and adhesive (Samples 5-1114-3, 5-1114-4, 5-268-3, 5-268-4, 5-226C-2, 5-226C-3, 5-330C-2, 5-330C-3).
7. Floor leveling compound and adhesive (Sample 5-111-1).
8. 2' x 2' ceiling tile, white with fissures, dents and holes (Sample 5-111-2).
9. Plaster (Samples 5-111-3, 5-270-5-3, 5-296C-1A, 5-296C-1B, 5-296C-1C, 5-149-3, 5-178-2, 5-175-1, 5-433-1, 5-451-5).
10. 2' x 2' ceiling tile, white reveal with fissures, dents and holes (Sample 5-268-1).
11. Floor sheet, brown pebbled (Sample 5-268-2).
12. 4" white ceramic wall tile, mortar and grout (Samples 5-268-6, 7, 8).
13. Brown floor sheet (Sample 5-270-5-1).
14. Brown firestop putty (Sample 5-226C-4).
15. Tan wall panel adhesive (Sample 5-296C-3).
16. White wall texture (Samples 5-296-2A, 2B, 2C).
17. Tall gray baseboard and adhesive (Samples 5-296-3, 5-296-4, 5-433-5, 5-433-6, 5-451-1, 5-451-2).
18. 2' x 4' ceiling tile, white with holes (Sample 5-296-5).
19. 2' x 4' ceiling tile, white with fissures, dents and holes (Samples 5-296-6, 5-178-3, 5-175-3).
20. 12" x 12" floor tile, light gray with white/gray/brown & mastic (Samples 5-296-7, 5-296-8).
21. 2' x 2' ceiling tile, white reveal with dents and holes (Sample 5-A27-1).
22. Light gray with tan and blue specks flooring (Sample 5-A27-2).
23. Tan baseboard and adhesive (Samples 5-A27-3, 5-A27-4).
24. Brown wood floor sheet (Sample 5-B23-1).

25. Gray baseboard and adhesive (Samples 5-B32-2, 5-B32-3, 5-546-2, 5-546-3, 5-510A-4, 5-510A-5).
26. 2' x 2' ceiling tile, white (Samples 5-E05-2, 5-510A-2).
27. Orange firestop putty (Sample 5-150A-2).
28. White firestop putty (Sample 5-150A-3).
29. Tan slate floor sheet (Sample 5-546-1).
30. Gray duct sealant (Sample 5-Nurse-1).
31. 2' x 2' ceiling tile, white with small fissures and holes (Sample 5-Nurse-2).
32. Floor sheeting, tan (Sample 5-Nurse-4).
33. Firestop putty (Sample 5-B66A-1).
34. Tan wall adhesive (Sample 5-B66A-2).
35. Window caulk, gray (Sample 5-B66A-3).
36. Tall brown baseboard and adhesive (Samples 5-149-1, 5-149-2).
37. 2' x 2' ceiling tile, white reveal with fissures and holes (Samples 5-149-5, 5-451-4).
38. Black baseboard and adhesive (Samples 5-178-4, 5-178-5).
39. Black pedestal adhesive (Sample 5-178-8).
40. Tan pedestal adhesive (Sample 5-178-9).
41. 12" x 12" floor tile, tan with brown (Samples 5-178-10).
42. Black tar on exterior wall (Sample 5-178-14).
43. Window caulk (Sample 5-175-2).
44. Pyrobar (Sample 5-175-4).
45. Tan wood adhesive (Sample 5-175-5).
46. 2' x 2' ceiling tile, white reveal with fissures, dents and holes (Sample 5-433-2).
47. Window caulk, black (Samples 5-433-3, 5-451-8).
48. Floor sheet, wood plank (Sample 5-433-4).
49. Wood floor sheeting (Sample 5-451-3).
50. Tan hole filler (Sample 5-451-6).
51. White cellulose filler insulation (Sample 5-451-7).
52. Floor sheeting, stone plank (Sample 5-510A-3).

Building 7

1. Sheetrock and joint compound (Samples 7-107-1A, 52-107-1B, 52-107-1C).
2. Brown ceramic floor tile, mortar and grout (Samples 7-107-2, 3, 4).
3. Tan ceramic floor tile, mortar and grout (Samples 7-107-5, 6, 7).

Building 16

1. Sheetrock and joint compound (Samples 16-IT-1A, 1B, 1C).
2. Gray sealant on exterior wall (Sample 16-IT-2).

Building 28

1. Sheetrock and joint compound (Samples 28-123-1A, 1B, 1C).
2. Brown baseboard and adhesive (Samples 28-123-2, 28-123-3).
3. Black hole filler (Sample 28-123-4).
4. Brown hole filler (Sample 28-123-5).

Building 38

1. Sheetrock and joint compound (Samples 38-129-1A, 1B, 1C).
2. Blue baseboard and adhesive (Samples 38-129-2, 3).
3. 2' x 2' ceiling tile, white reveal with dents and holes (Sample 38-129-6).
4. Tan baseboard and adhesive (Sample 38-129-7, 8).
5. Gray duct sealant (Sample 38-129-9).

Building 52

1. Brown baseboard and adhesive (Samples 52-106-1, 52-106-2).
2. 12" x 12" floor tile, brown mottled and mastic (Samples 52-106-3, 52-106-4).
3. Joint compound on wood panels (Samples 52-106-5A, 52-106-5B, 52-106-5C).
4. 2' x 2' ceiling tile, white reveal with dents and holes (Sample 52-106-6).

6.0 Recommendations

This Survey was conducted to locate ACM and its quantity in the Project Area. Based on the Survey and assessment results, as well as the proposed renovation project in the Property buildings, the following recommendations for the ACM are summarized below.

Building 1

<u>Description</u>	<u>Total Estimated</u>
Thermal System Insulation	
• Pipe insulation	23 linear feet
Surfacing Material	None observed
Miscellaneous Materials	None observed
Assumed Materials	
• Fire door	1 door

Building 5

<u>Description</u>	<u>Total Estimated</u>
Thermal System Insulation	
• Tank insulation	240 sf
• Pipe insulation	196 lf
Surfacing Material	None observed
Miscellaneous Materials	
• Floor tile under carpet	392 sf
• 12"x12" floor tile, light gray with brown streaks	1,000 sf
• Floor tile under other flooring	1,000 sf
• Floor tile mastic	2,452 sf
• Transite	96 sf
Assumed Materials	
• Electric panel	13 panels

- Fire doors 7 doors
- Roofing materials not quantified

Building 7

Description	Total Estimated
Thermal System Insulation	None observed
Surfacing Material	None observed
Miscellaneous Materials	None observed
Assumed Materials	None observed

Building 16

Description	Total Estimated
Thermal System Insulation	None observed
Surfacing Material	None observed
Miscellaneous Materials	None observed
Assumed Materials	None observed

Building 28

Description	Total Estimated
Thermal System Insulation	None observed
Surfacing Material	None observed
Miscellaneous Materials	None observed
Assumed Materials	None observed

Building 38

<u>Description</u>	<u>Total Estimated</u>
Thermal System Insulation	None observed
Surfacing Material	None observed
Miscellaneous Materials 12"x12" floor tile & mastic	224 sf
Assumed Materials	None observed

Building 52

<u>Description</u>	<u>Total Estimated</u>
Thermal System Insulation	None observed
Surfacing Material	None observed
Miscellaneous Materials	None observed
Assumed Materials Fire door	1 door

All tested positive and assumed ACM must be properly removed by a licensed asbestos abatement contractor according to applicable federal, state, and local regulations and according to the asbestos abatement design and specification. Assumed materials can be sampled during construction to determine asbestos content.

The joint compound applied to the gypsum wallboard was found to contain asbestos in Buildings 1 & 5. This material, as determined by the EPA in response to its applicability to NESHAP, becomes an integral part of the wallboard, forming a wall system. Reference document from the EPA Office of Air Quality Planning and Standards, September 4, 1992, Stationary Source Compliance Division. In this case, the wall system contains less than one-percent asbestos. OSHA requires that all contractors and employees who may disturb this material must be made aware that the joint compound

contains asbestos. Appropriate precautions should be taken by anyone impacting the joint compound.

If suspect materials are encountered during renovation, work should stop immediately and the materials should be sampled for asbestos content or assumed to contain asbestos and properly removed by a licensed asbestos abatement contractor.

Landmark could not gain access behind the radiators in the Project Area. The possibility exists that Transite may exist behind the radiators. When the radiator covers are removed during construction, Transite may possibly be found. For the purposes of this Survey, Transite is assumed to be located behind the radiators in the Project Area.

Landmark could not access Building 5, 3rd floor west Project Area (Room 370 and Nurse Area) due to the area being in a COVID lockdown portion of the floor. According to the VA staff and the Client, this portion of the building was recently renovated at the same time as the 2nd floor nurse's area directly below this area. Room 370 and the Nurse Area must be inspected for ACM prior to construction activities taking place.

Landmark did not sample the roof of Building 5 that will be impacted as part of the project since doing so would damage the integrity of the roof and void the warranty. This area must be sampled prior to disturbance.

This Survey identifies materials as they existed on the day of the survey. Conditions may change over time.

7.0 Signatures of Environmental Professional(s)

We declare that, to the best of our professional knowledge and belief, the Survey referenced by this report, and the report itself, were conducted in accordance with intent of the EPA, OSHA, SD DENR, AHERA regulations to the best of my ability and knowledge.



Mark Meier Asbestos Building Inspector
(SD Inspector #8199)



Eric Gabrielson, Vice President

Appendices

Appendix A



South Dakota
Department of Agriculture & Natural Resources

ASBESTOS CERTIFICATION

Mark Meier

has successfully completed the appropriate training in accordance with ARSD 74:31 and is certified in South Dakota as an:

<i>u</i> Inspector	Expires: 06/08/2022
Management Planner	Expires:
<i>u</i> Abatement Designer	Expires: 08/29/2021
<i>u</i> Contractor/Supervisor	Expires: 02/18/2022
Worker	Expires:

Certificate No. 8779

Appendix B

LEGEND

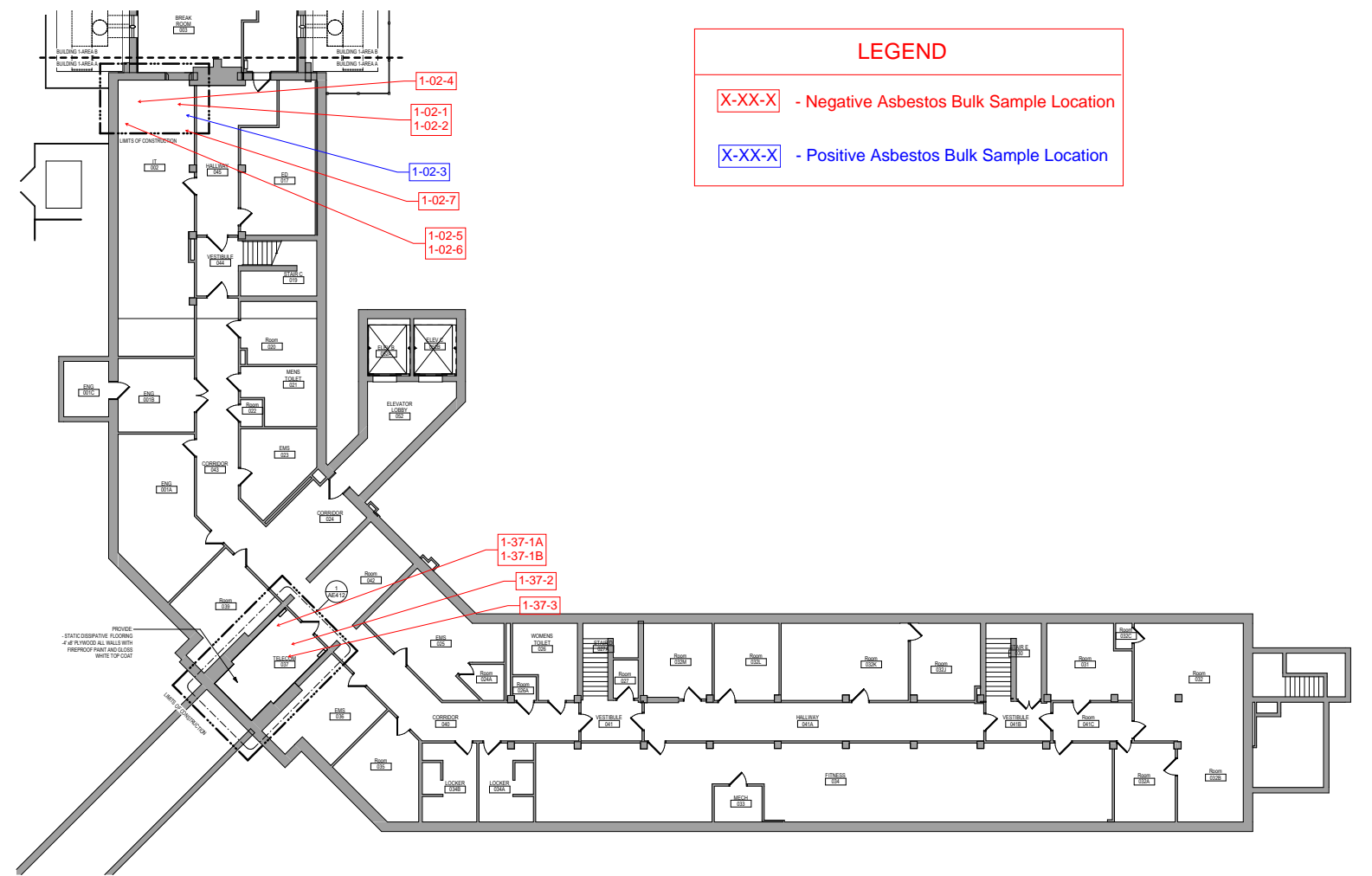
X-XX-X - Negative Asbestos Bulk Sample Location
X-XX-X - Positive Asbestos Bulk Sample Location

- #### GENERAL NOTES
- THE ARCHITECTURAL DRAWINGS SHOW PRINCIPAL AREAS AND LIMITS OF CONSTRUCTION. THERE SHALL BE NO ACTIVITY UNDER THESE CONTRACT SECTIONS UNLESS WORK IS NECESSARY IN AREAS NOT SHOWN ON ARCHITECTURAL DRAWINGS DUE TO CHANGES IN ELECTRICAL, MECHANICAL, AND PLUMBING WORK. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS PRIOR TO DEMOLITION AND CONSTRUCTION. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES. CONTRACTOR SHALL INSPECT THESE AREAS AND REPORT RESULTS TO ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES AT NO ADDITIONAL COST.
 - CONTRACTOR SHALL VISIT THE SITE DURING BIDDING TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. THE GENERAL CONTRACTOR SHALL LOCATE, INSPECT AND VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS PRIOR TO DEMOLITION AND CONSTRUCTION. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
 - DO NOT SCALE DRAWINGS. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
 - WHEREVER OPENINGS ARE CUT THROUGH FIRE RATED PARTITIONS, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR FOR WHOM THE HOLE IS CUT TO PATCH AND REPAIR ANY OPENING TO MAINTAIN THE INTEGRITY OF THE FIRE RATING.
 - GENERAL CONTRACTOR TO CHECK MECHANICAL DRAWINGS FOR EXISTING PIPES AND DUCTS. FURRED IN WALLS. VERIFY SIZE AND LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO PROCEEDING WITH REMEDIATION.
 - PREPROOFING SHALL BE UNPERMITTED. ANY SUBCONTRACTOR PENETRATING THE PREPROOFING SHALL BE REQUIRED TO REPLACE PREPROOFING TO THE ORIGINAL CONDITION AND FIRE RATING AT THE SUBCONTRACTOR'S EXPENSE.
 - EQUIPMENT UNIT DIMENSIONS ARE FOR PRODUCT DESCRIPTION ONLY. VERIFY SIZE WITH MANUFACTURER.
 - ALL DIMENSIONS PERTAINING TO MECHANICAL OR ELECTRICAL SERVICES OR EQUIPMENT SHALL BE VERIFIED WITH THE RESPECTIVE TRADE.
 - ALL CONTRACTORS THAT PENETRATE AND/OR DESTROY ANY AREAS AT EXISTING CONDITIONS SHALL PATCH AREAS TO MATCH EXISTING ADJACENT AREA OR SURFACE AND PREPARE FOR EXCELLENT FINISH APPLICATION. COORDINATE WORK WITH GENERAL CONTRACTOR PRIOR TO PROCEEDING.
 - VERIFY HEIGHTS AND LOCATIONS OF ACCESS PANELS (AP) AND COORDINATE TYPES WITH TRADES WHICH REQUIRE THEM.
 - PROVIDE UNITS AND FRAMING FOR GRILLES, DOWNERS, AND ROOF VENTS AS REQUIRED BY MECHANICAL CONTRACTOR. VERIFY SIZE AND LOCATION.
 - STRUCTURAL, MECHANICAL, AND ELECTRICAL ABBREVIATIONS AND SYMBOLS MAY DIFFER FROM ARCHITECTURAL. SEE RESPECTIVE SECTIONS AND/OR DRAWINGS FOR DEFINITIONS.
 - AT MECHANICAL AND ELECTRICAL EQUIPMENT ROOMS, PROVIDE 3/4" PLYWOOD BACKING BEHIND ALL SUPPAC BOUNDED PIPES AND EQUIPMENT. UNLESS NOTED OTHERWISE.
 - CONTRACTOR SHALL EVALUATE INTEGRITY OF ALL PARTITIONS INDICATED BY SYMBOLS ON THE LIFE SAFETY PLANS WITHIN THE PROJECT'S SCOPE. AS REQUIRED, ALL FIRE RESISTIVE RATED WALLS SHALL BE CONSTRUCTED OF MATERIALS ASSEMBLIES EXISTING IN THE ROOM ADJACENT TO BEING RATED. THE SEAL JOINTS WITH TESTED FIRE RATED JOINT ASSEMBLY AND ALL PENETRATIONS SHALL BE SEALED WITH A TESTED FIRE RATED JOINT ASSEMBLY. ALL SHORE PARTITIONS SHALL BE CONSTRUCTED OF MATERIALS THAT RESIST THE PASSAGE OF SMOKE. TERMINALS AT THE SEAL JOINTS WITH A JOINT SEALED WITH FIRE CALK AND ALL PENETRATIONS SHALL BE SEALED WITH FIRE CALK.

FLOOR PLAN SYMBOLS

	8'-0"	DIMENSION LINE NORMAL
	8'-0"	EXTENDED DIMENSION LINE NORMAL
	14'-0" (A) 12'-0" (B)	INTERIOR ELEVATION INDICATOR TAG
	14'-0" (A) 12'-0" (B)	EXTERIOR ELEVATION INDICATOR TAG
		EQUIPMENT TAG
	100'	FLOOR SPOT ELEVATION
		DETAIL REFERENCE TAG
	14'-0" (A) 12'-0" (B)	EXTERIOR SECTION INDICATOR TAG
		REVISION TAG
		REVISION CLOUD
		GRIDLINE

NOTE: NOT ALL SYMBOLS MAY BE USED ON EACH PLAN



1 LOWER LEVEL FLOOR PLAN OVERALL - BUILDING 1 - AREA A
18' - 0"

NOT FOR CONSTRUCTION

<p>Revisions:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50px; height: 20px;"> </td><td style="width: 50px; height: 20px;"> </td></tr> <tr><td style="width: 50px; height: 20px;"> </td><td style="width: 50px; height: 20px;"> </td></tr> <tr><td style="width: 50px; height: 20px;"> </td><td style="width: 50px; height: 20px;"> </td></tr> <tr><td style="width: 50px; height: 20px;"> </td><td style="width: 50px; height: 20px;"> </td></tr> </table>									<p>CONSULTANT</p> <p>AST</p>	<p>ARCHITECT/ENGINEER OF RECORD</p> <p>SPECIALIZED ENGINEERING SOLUTIONS</p> <p style="font-size: x-small;">38041 Blenheim Circle Omaha, NE 68134 Phone: 402.993.3330 www.specializedeng.com</p>	<p>ARCHITECT/ENGINEER OF RECORD</p> <p>ANDERSON</p> <p style="font-size: x-small;">13640 1st Ave. N. #2100 Plymouth, MN 55441 P 763.432.4090 F 763.432.4095 www.anderson-engineers.com Anderson is a member of the HOK Group, LLC PEU # 16000</p>	<p>STAMP</p>	<p>Office of Construction and Facilities Management</p> <p>VA U.S. Department of Veterans Affairs</p>	<p>Drawing Title</p> <p style="text-align: center;">LOWER LEVEL FLOOR PLAN - BUILDING 1 - AREA A</p> <p>Approved: _____</p>	<p>Phase</p> <p style="text-align: center;">35% CONSTRUCTION DOCUMENT REVIEW</p> <p>FULLY SPRINKLERED</p>	<p>Project Title</p> <p style="text-align: center;">VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES</p> <p>Location Sioux Falls, SD</p> <p>Issue Date 03/26/2021</p>	<p>Project Number</p> <p style="text-align: center;">438-20-910</p> <p>Building Number</p> <p style="text-align: center;">-</p> <p>Drawing Number</p> <p style="text-align: center;">AE101-01-A</p>

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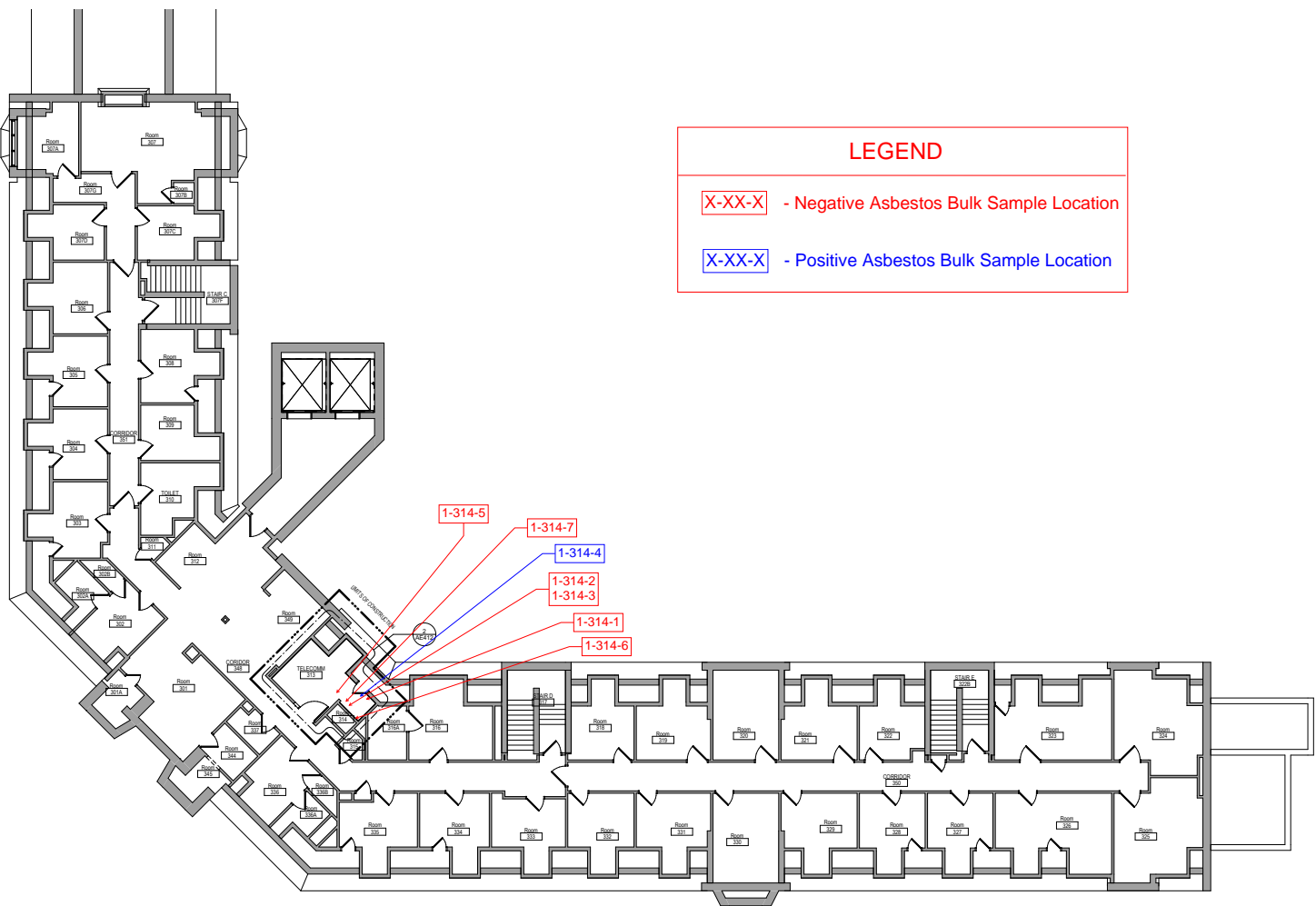
GENERAL NOTES

- THE ARCHITECTURAL DRAWINGS SHOW PRINCIPAL AREAS AND LIMITS OF CONSTRUCTION. WHERE WORK MUST BE ACCOMPLISHED UNDER THE CONTRACT, INCIDENTAL WORK MAY BE NECESSARY IN AREAS NOT SHOWN IN ARCHITECTURAL DRAWINGS DUE TO CHANGES AFFECTING ELECTRICAL, MECHANICAL, AND PLUMBING ALONG WITH OTHER SYSTEMS. THIS INCIDENTAL WORK SHALL BE PART OF THE CONTRACT, AND ALL TRADES SHALL INSPECT THESE AREAS. ASCERTAIN WORK REQUIRED AND DO THE WORK IN ACCORDANCE OF CONTRACT REQUIREMENTS AT NO ADDITIONAL COST.
- CONTRACTORS SHALL VISIT THE SITE DURING BIDDING TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. THE GENERAL CONTRACTOR SHALL LOCATE, INSPECT AND FIELD VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS PRIOR TO CONSTRUCTION AND CONSTRUCTION. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
- DO NOT SCALE DRAWINGS. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
- WHENEVER OPENINGS ARE CUT THROUGH FIRE RATED PARTITIONS, THE GENERAL CONTRACTOR SHALL LOCATE, INSPECT AND FIELD VERIFY THE RESPONSIBILITY OF THE CONTRACTOR FOR WORK THE HOLE IS CUT TO PATCH AND REPAIR ANY OPENING TO MAINTAIN THE INTEGRITY OF THE FIRE RATING.
- GENERAL CONTRACTOR TO CHECK MECHANICAL DRAWINGS FOR EXISTING PIPES AND DUCTS FURRED IN WALLS. VERIFY SIZE AND LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO PROCEEDING WITH WORKING.
- FIREPROOFING SHALL BE SUPERSEDED ANY SUBCONTRACTOR PENETRATING THE FIREPROOFING SHALL BE REQUIRED TO REPLACE FIREPROOFING TO THE ORIGINAL CONDITION AND FIRE RATING AT THE SUBCONTRACTOR'S EXPENSE.
- EQUIPMENT UNIT DIMENSIONS ARE FOR PRODUCT DESCRIPTION ONLY. VERIFY SIZE WITH MANUFACTURER.
- ALL DIMENSIONS PERTAINING TO MECHANICAL OR ELECTRICAL SERVICES OR EQUIPMENT SHALL BE VERIFIED WITH THE RESPECTIVE TRADE.
- ALL CONTRACTORS THAT PENETRATE AND/OR DISTURB ANY AREAS AT EXISTING CONDITIONS SHALL PATCH AREA TO MATCH EXISTING ADJACENT AREA OR SURFACE AND PREPARE FOR SCHEDULED FINISH APPLICATION. COORDINATE WORK WITH GENERAL CONTRACTOR PRIOR TO PROCEEDING.
- VERIFY HEIGHTS AND LOCATIONS OF ACCESS PANELS (AP) AND COORDINATE TYPES WITH TRADES BRANCH REQUIRE THEM.
- PROVIDE UNITS AND FRAMING FOR GRILLES, LIDERS, AND ROOF VENTS AS REQUIRED BY MECHANICAL CONTRACTOR. VERIFY SIZE AND LOCATION.
- STRUCTURAL, MECHANICAL, AND ELECTRICAL ABBREVIATIONS AND SYMBOLS MAY DIFFER FROM ARCHITECTURAL. SEE RESPECTIVE SECTIONS AND/OR DRAWINGS FOR DEFINITIONS.
- AT MECHANICAL AND ELECTRICAL EQUIPMENT ROOMS, PROVIDE 3/4" PLYWOOD BACKING BEHIND ALL SURFACE MOUNTED PIPING AND EQUIPMENT, UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL EVALUATE INTEGRITY OF ALL PARTITIONS INDICATED BY SYMBOLS ON THE LIFE SAFETY PLANS WITHIN THE PROJECT SCOPE AND UPGRADE, AS REQUIRED. ALL FIRE RESISTIVE PARTITIONS SHALL BE CONSTRUCTED OF MATERIALS ASSURABLE MEETING THE RATING INDICATED. TERMINATE AT THE DECK ABOVE WITH A TESTED HEAD OF WALL ASSEMBLY AND ALL PENETRATIONS SHALL BE SEALED WITH A TESTED ASSEMBLY. ALL INDOOR PARTITIONS SHALL BE CONSTRUCTED OF MATERIALS THAT RESIST THE PASSAGE OF SMOKE. TERMINATE AT THE DECK ABOVE WITH A JOINT SEALED WITH FIRE CALK AND ALL PENETRATIONS SHALL BE SEALED WITH FIRE CALK.

LEGEND

X-XX-X - Negative Asbestos Bulk Sample Location

X-XX-X - Positive Asbestos Bulk Sample Location



FLOOR PLAN SYMBOLS

SYMBOL	DESCRIPTION
	EXISTING WALL TO REMAIN
	WALL
	EXISTING DOOR AND FRAME TO REMAIN
	DOOR
	INTERIOR SCONCE/LIGHT
	WALL TAG
	OFFICE NAME AND NUMBER
	KEY NOTE
	INTERIOR SECTION REFERENCE TAG
	REVISION TAG
	GRIDLINE
	DIMENSION LINE NOMINAL
	EXTENDED DIMENSION LINE NOMINAL
	INTERIOR ELEVATION INDICATOR TAG
	EXTERIOR ELEVATION INDICATOR TAG
	EQUIPMENT TAG
	FLOOR SPOT ELEVATION
	DETAIL REFERENCE TAG
	EXTERIOR SECTION REFERENCE TAG
	REVISION CLOUD

NOTE: NOT ALL SYMBOLS MAY BE USED ON EACH PLAN.

1 THIRD LEVEL FLOOR PLAN OVERALL - BUILDING 1
1/8" = 1'-0"

NOT FOR CONSTRUCTION

<p>Revisions:</p> <table border="1" style="width: 100%; height: 40px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>			<p>CONSULTANT</p> <p>AST</p>	<p>ARCHITECT/ENGINEER OF RECORD</p> <p>SPECIALIZED ENGINEERING SOLUTIONS</p> <p>18044 Elmwood Circle Omaha, NE 68134 Phone: 402.993.3329 www.specializedeng.com</p>	<p>ARCHITECT/ENGINEER OF RECORD</p> <p>ANDERSON</p> <p>3940 1st Ave. N. #210 Plymouth, MN 55441 P 763.432.4090 F 763.432.4095 Anderson Engineering of Minneapolis, LLC PE# 16000</p>	<p>STAMP</p>	<p>Office of Construction and Facilities Management</p> <p>VA U.S. Department of Veterans Affairs</p>	<p>Drawing Title</p> <p>THIRD LEVEL OVERALL FLOOR PLAN - BUILDING 1</p> <p>Approved:</p>	<p>Phase</p> <p>35% CONSTRUCTION DOCUMENT REVIEW</p> <p>FULLY SPRINKLERED</p>	<p>Project Title</p> <p>VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES</p> <p>Location Sioux Falls, SD</p> <p>Issue Date 03/26/2021</p>	<p>Project Number</p> <p>438-20-910</p> <p>Building Number</p> <p>-</p> <p>Drawing Number</p> <p>AE131-01</p>

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LEGEND

X-XX-X - Negative Asbestos Bulk Sample Location




X-XX-X - Positive Asbestos Bulk Sample Location

5-E05-1
5-E05-2

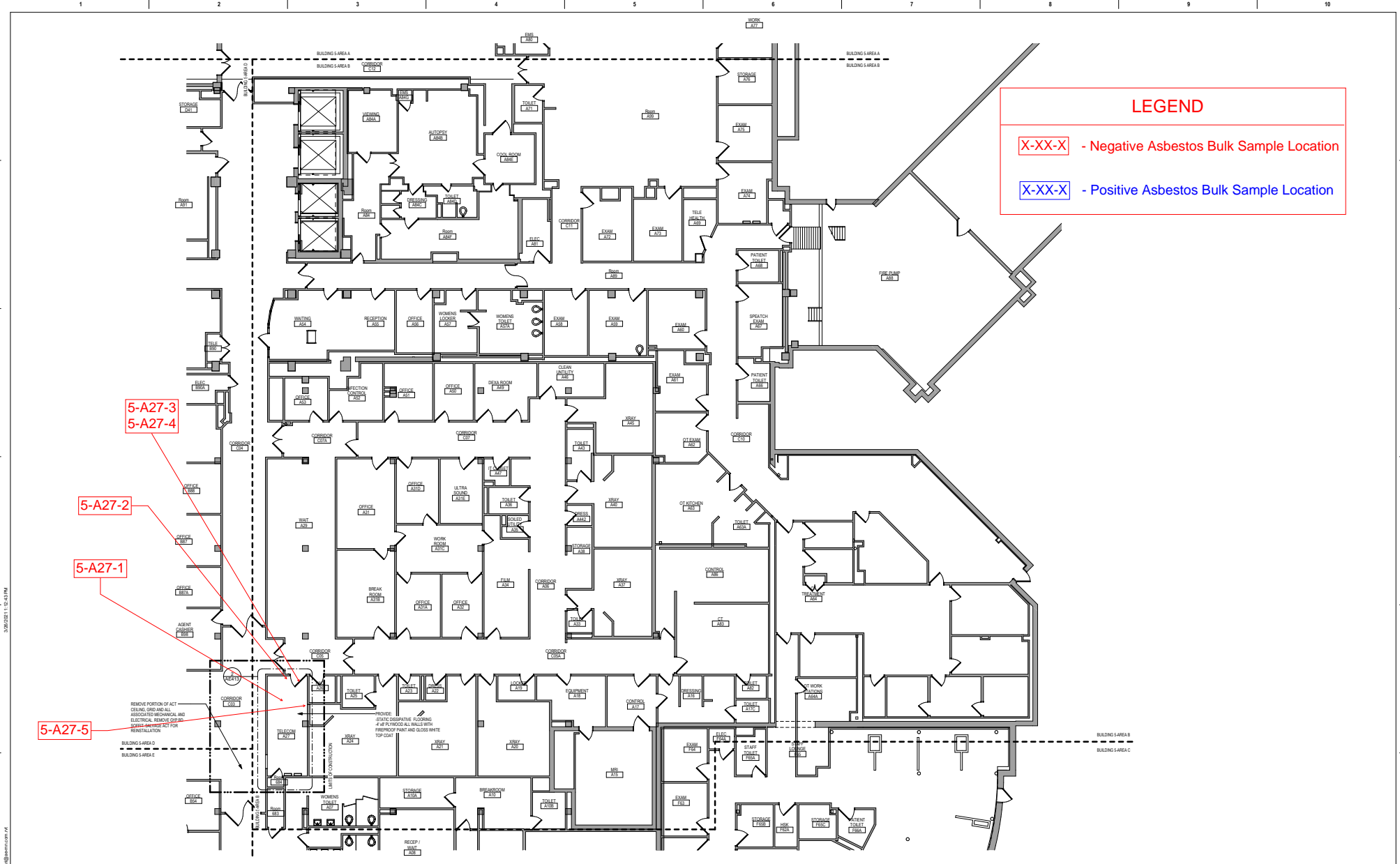
PHONIC
-- STATIC DISBURSIVE FLOORING
4" OF FIBERGLASS INSULATION WITH
FIBERGLASS FANT AND GLOSS
WHITE TOP COAT

1 GROUND LEVEL FLOOR - BUILDING 5 - AREA A
1/8" = 1'-0"

NOT FOR CONSTRUCTION

Revisions: Date:	CONSULTANT  SPECIALIZED ENGINEERING SOLUTIONS <small>38041 Brown Circle Omaha, NE 68134 Phone: 402.993.3339 www.specializedeng.com</small>	ARCHITECT/ENGINEER OF RECORD  <small>3560 S 1st Ave. N. #2100 Plymouth, MN 55441 P 763.432.4090 F 763.432.4095 www.anderson-engineers.com Anderson is a member of the HOK Group, LLC. PEU # 16000</small>	STAMP 	Office of Construction and Facilities Management  U.S. Department of Veterans Affairs	Drawing Title GROUND LEVEL FLOOR PLAN - BUILDING 5 - AREA A Approved:	Phase 35% CONSTRUCTION DOCUMENT REVIEW	Project Title VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES	Project Number 438-20-910 Building Number - Drawing Number AE101-05-A
	FULLY SPRINKLERED	Location Sioux Falls, SD Issue Date 03/26/2021	Checked Author	Drawn				

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LEGEND

X-XX-X - Negative Asbestos Bulk Sample Location

X-XX-X - Positive Asbestos Bulk Sample Location

1 GROUND LEVEL FLOOR PLAN - BUILDING 5 - AREA B
1/8" = 1'-0"

NOT FOR CONSTRUCTION

Revisions:	Date:

CONSULTANT

AST

SES SPECIALIZED ENGINEERING SOLUTIONS

38041 Emerald Circle
Omaha, NE 68134
Phone: 402.938.3330
www.specializedeng.com

ARCHITECT/ENGINEER OF RECORD

ANDERSON

3360 1st Ave. N. #2100 Plymouth, MN 55441
P 763.432.4090 | F 763.432.4095 | www.anderson-engineers.com
Anderson Engineers of Minneapolis, LLC PE# 16000

STAMP

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
GROUND LEVEL FLOOR PLAN - BUILDING 5 - AREA B

Approved:

Phase
35% CONSTRUCTION DOCUMENT REVIEW

FULLY SPRINKLERED

Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

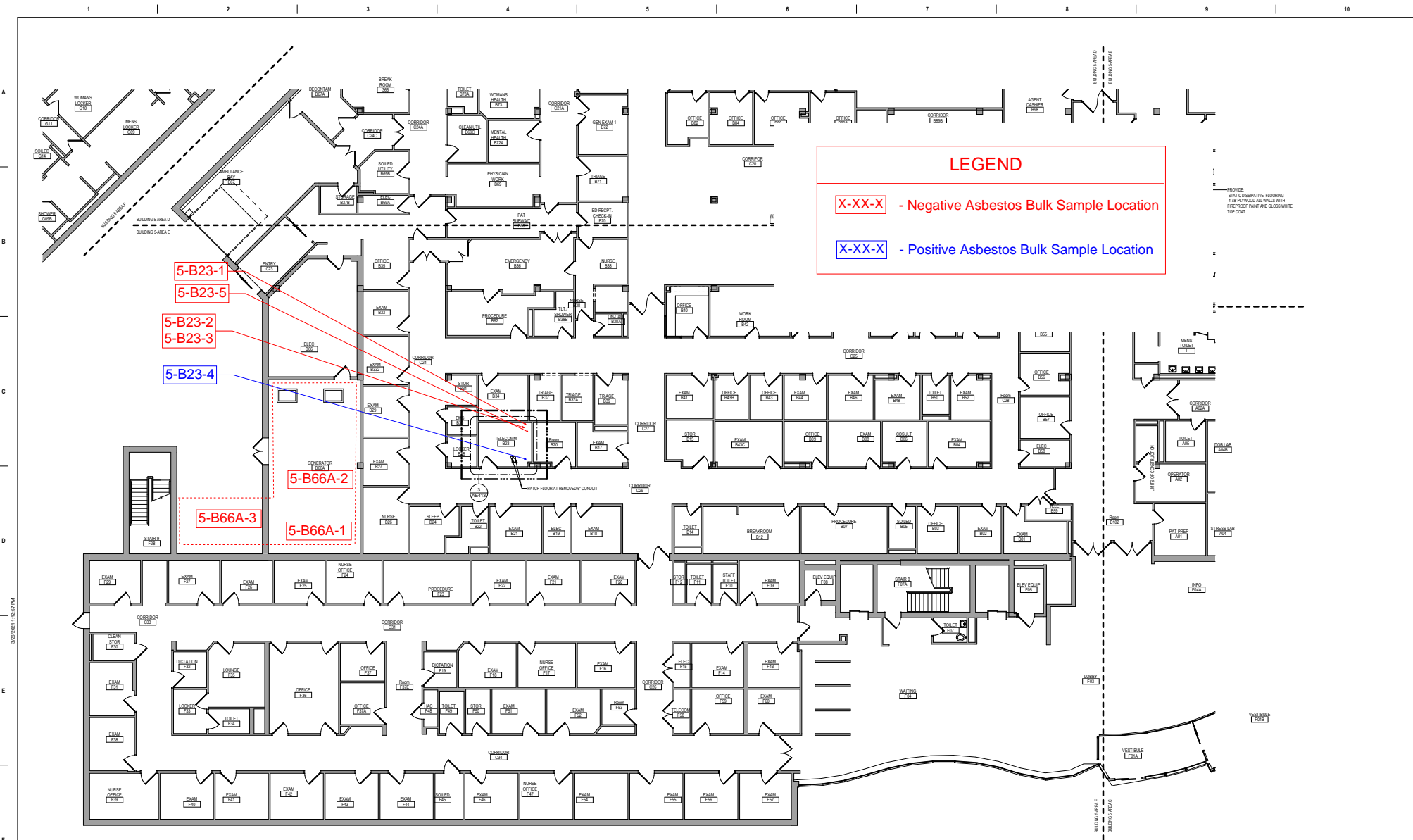
Issue Date
03/26/2021

Checked
Author

Project Number
438-20-910

Building Number
-

Drawing Number
AE101-05-B



LEGEND

X-XX-X - Negative Asbestos Bulk Sample Location
X-XX-X - Positive Asbestos Bulk Sample Location

1 GROUND LEVEL FLOOR PLA - BUILDING 5 - AREA E
1/8" = 1'-0"

NOT FOR CONSTRUCTION

Revisions:	Date:

CONSULTANT

SPECIALIZED ENGINEERING SOLUTIONS

18001 Brown Circle
Omaha, NE 68134
Phone: 402.998.3339
www.specializedeng.com

ARCHITECT/ENGINEER OF RECORD

13640 1st Ave. N. #2100 Plymouth, MN 55441
P 763.412.4080 | F 763.432.4090 | www.andersoneng.com
Anderson Engineering of Minneapolis, LLC PEU # 16000

STAMP

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title
GROUND LEVEL FLOOR PLAN - BUILDING 5 - AREA E

Approved:

Phase
35% CONSTRUCTION DOCUMENT REVIEW

FULLY SPRINKLERED

Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

Issue Date
03/26/2021

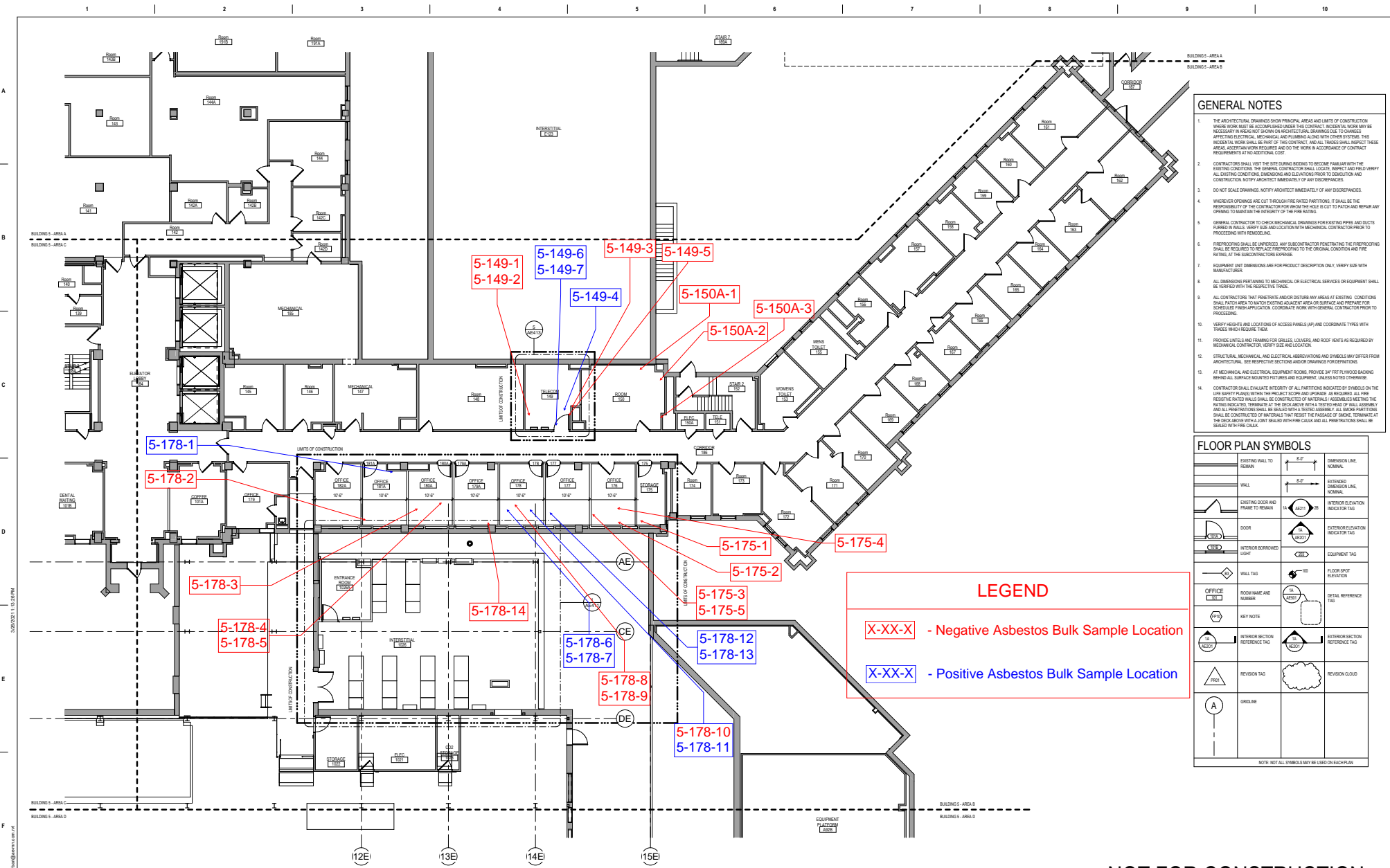
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Author

Project Number
438-20-910

Building Number
-

Drawing Number
AE101-05-E

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GENERAL NOTES

1. THE ARCHITECTURAL DRAWINGS SHOW PRINCIPAL AREAS AND LIMITS OF CONSTRUCTION. WORK SHALL BE ACCORDING TO THE ARCHITECTURAL DRAWINGS. WORK SHALL BE NECESSARY IN AREAS NOT SHOWN ON ARCHITECTURAL DRAWINGS DUE TO CHANGES.
2. CONTRACTORS SHALL VERIFY THE SITE DURING BIDDING TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. THE GENERAL CONTRACTOR SHALL NOTIFY AND FIELD VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS PRIOR TO DEMOLITION AND CONSTRUCTION. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
3. DO NOT SCALE DRAWINGS. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
4. WHENEVER OPENINGS ARE CUT THROUGH FIRE RATED PARTITIONS, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR FOR WHOM THE HOLE IS CUT TO PATCH AND REPAIR ANY OPENING TO MAINTAIN THE INTEGRITY OF THE FIRE RATING.
5. GENERAL CONTRACTOR TO CHECK MECHANICAL DRAWINGS FOR EXISTING PIPES AND DUCTS FURRED IN WALLS. VERIFY SIZE AND LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO PROCEEDING WITH REWORKING.
6. FIREPROOFING SHALL BE UPGRADED. ANY SUBCONTRACTOR PENETRATING THE FIREPROOFING SHALL BE REQUIRED TO REPLACE FIREPROOFING TO THE ORIGINAL CONDITION AND FIRE RATING AT THE SUBCONTRACTOR'S EXPENSE.
7. EQUIPMENT UNIT DIMENSIONS ARE FOR PRODUCT DESCRIPTION ONLY. VERIFY SIZE WITH MANUFACTURER.
8. ALL DIMENSIONS PERTAINING TO MECHANICAL OR ELECTRICAL SERVICES OR EQUIPMENT SHALL BE VERIFIED WITH THE RESPECTIVE TRADE.
9. ALL CONTRACTORS THAT PENETRATE AND/OR DISTURB ANY AREA AT EXISTING CONDITIONS SHALL PATCH AREA TO MATCH EXISTING ALUMINUM AREA OR SURFACE AND PREPARE FOR SCHEDULED FRESH APPLICATION. COORDINATE WORK WITH GENERAL CONTRACTOR PRIOR TO PROCEEDING.
10. VERIFY HEIGHTS AND LOCATIONS OF ACCESS PANELS (AP) AND COORDINATE THEM WITH TRADES WHICH REQUIRE THEM.
11. PROVIDE LANTERNS AND FRAMING FOR GRILLES, LOUVERE, AND ROOF VENTS AS REQUIRED BY MECHANICAL CONTRACTOR. VERIFY SIZE AND LOCATION.
12. VERIFY MECHANICAL, ELECTRICAL, AND STRUCTURAL ABBREVIATIONS AND SYMBOLS MAY DIFFER FROM ARCHITECTURAL. SEE RESPECTIVE SECTIONS AND/OR DRAWINGS FOR DEFINITIONS.
13. AT MECHANICAL AND ELECTRICAL EQUIPMENT ROOMS, PROVIDE 3/4" PLYWOOD BACKING BEHIND ALL SURFACE MOUNTED PIPES AND EQUIPMENT. UNLESS NOTED OTHERWISE.
14. CONTRACTOR SHALL EVALUATE INTEGRITY OF ALL PARTITIONS INDICATED BY SYMBOLS ON THE LIFE SAFETY PLANS WITHIN THE PROJECT SCOPE AND UPGRADE AS REQUIRED. ALL FIRE RESISTIVE RATED WALLS SHALL BE CONSTRUCTED OF MATERIALS ASSEMBLIES MEETING THE RATING INDICATED. TERMINATE AT THE DECK ABOVE WITH A TESTED HEAD OF WALL ASSEMBLY AND ALL PENETRATIONS SHALL BE SEALED WITH A TESTED ASSEMBLY. ALL UNRAISED PARTITIONS SHALL BE CONSTRUCTED OF MATERIALS THAT RESIST THE PENALTY OF BUCKLE. TERMINATE AT THE DECK ABOVE WITH A JOINT SEALED WITH THE GASKET AND ALL PENETRATIONS SHALL BE SEALED WITH WYTHE GASKET.

FLOOR PLAN SYMBOLS

EXISTING WALL TO REMAIN	2'-0"	DIMENSION LINE, INCHES
WALL	2'-0"	EXTENDED DIMENSION LINE, INCHES
EXISTING DOOR AND FRAME TO REMAIN	14'-0" (E211)	INTERIOR ELEVATION INDICATOR TAG
DOOR	(A) (E211)	EXTERIOR ELEVATION INDICATOR TAG
INTERIOR BURNISHED LIGHT	(E211)	EQUIPMENT TAG
WALL TAG	(10)	FLOOR SPOT ELEVATION
OFFICE (E211)	(14) (E211)	DETAIL REFERENCE TAG
KEY NOTE	(E211)	INTERIOR SECTION REFERENCE TAG
REVISION TAG	(A) (E211)	EXTERIOR SECTION REFERENCE TAG
REVISION TAG	(A) (E211)	REVISION CLOUD
GRIDLINE	(A)	

NOTE: NOT ALL SYMBOLS MAY BE USED ON EACH PLAN.

LEGEND

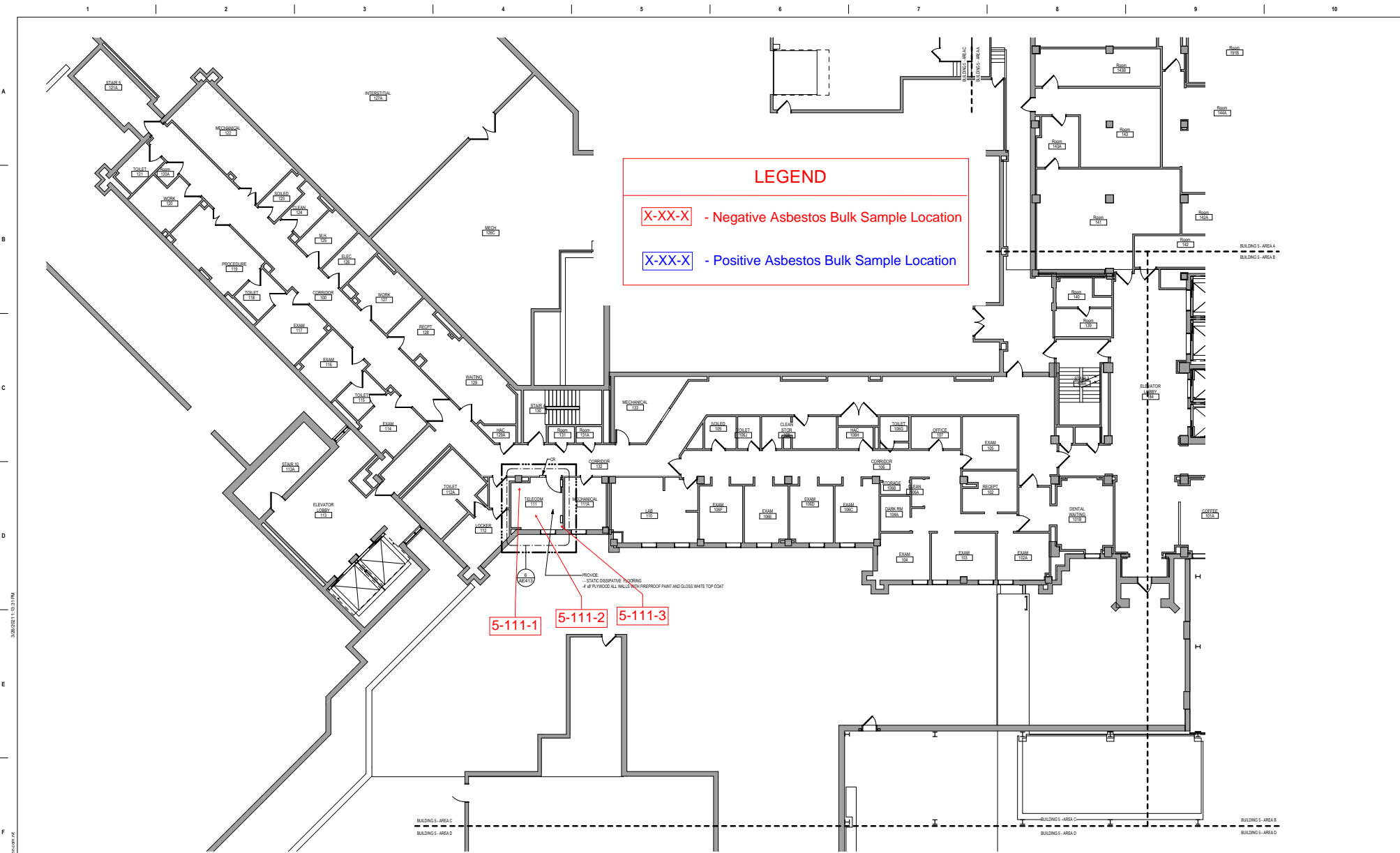
X-XX-X - Negative Asbestos Bulk Sample Location

X-XX-X - Positive Asbestos Bulk Sample Location

1 FIRST LEVEL FLOOR PLAN - BUILDING 5 - AREA B
10' = 1" = 2'

NOT FOR CONSTRUCTION

<p>Revisions:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50px;"> </td><td style="width: 50px;"> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>											<p>CONSULTANT</p> <p>AST</p>	<p>ARCHITECT/ENGINEER OF RECORD</p> <p>SPECIALIZED ENGINEERING SOLUTIONS</p> <p>33001 Brown Circle Omaha, NE 68134 Phone: 402.991.3133 www.specializedeng.com</p>	<p>ARCHITECT/ENGINEER OF RECORD</p> <p>ANDERSON</p> <p>3360 S 1st Ave. N. #2100 Plymouth, MN 55441 P 763.432.4090 F 763.432.4095 www.anderson-engineering.com Anderson Engineering of Minneapolis, LLC PEU # 16000</p>	<p>STAMP</p>	<p>Office of Construction and Facilities Management</p> <p>VA U.S. Department of Veterans Affairs</p>	<p>Drawing Title</p> <p>FIRST LEVEL FLOOR PLAN - BUILDING 5 - AREA B</p> <p>Approved:</p>	<p>Phase</p> <p>35% CONSTRUCTION DOCUMENT REVIEW</p> <p>FULLY SPRINKLERED</p>	<p>Project Title</p> <p>VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES</p> <p>Location Sioux Falls, SD</p> <p>Issue Date 03/26/2021</p>	<p>Project Number</p> <p>438-20-910</p> <p>Building Number</p> <p>-</p> <p>Drawing Number</p> <p>AE111-05-B</p>



LEGEND

X-XX-X - Negative Asbestos Bulk Sample Location
X-XX-X - Positive Asbestos Bulk Sample Location

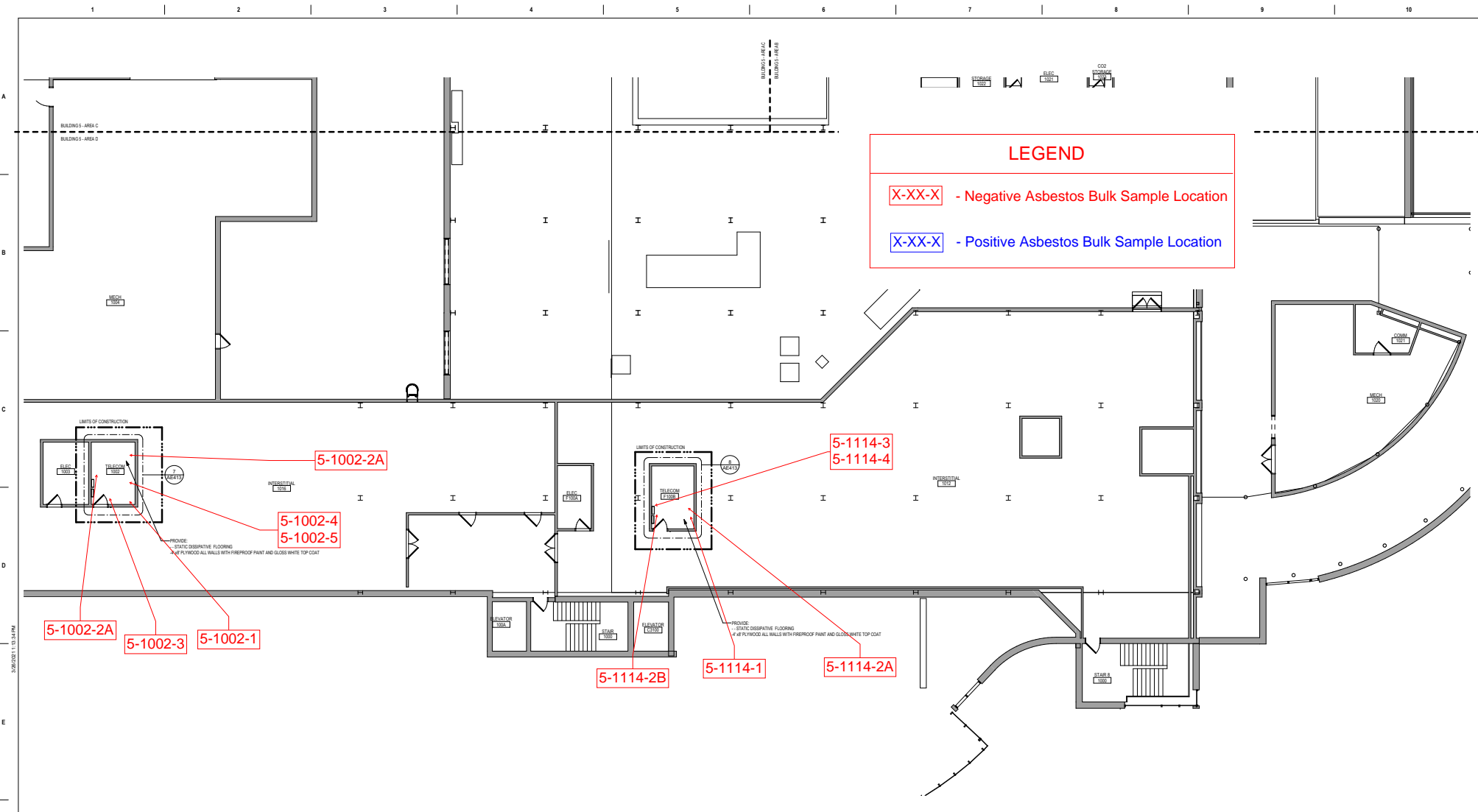
5-111-1
 5-111-2
 5-111-3

1 FIRST LEVEL FLOOR PLAN - BUILDING 5 - AREA C
 1/8" = 1'-0"

NOT FOR CONSTRUCTION

	CONSULTANT 	ARCHITECT/ENGINEER OF RECORD 		Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title FIRST LEVEL FLOOR PLAN - BUILDING 5 - AREA C	Phase 35% CONSTRUCTION DOCUMENT REVIEW	Project Title VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES	Project Number 438-20-910										
Revisions: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>											Date:	SPECIALIZED ENGINEERING SOLUTIONS <small>38041 Blount Circle Omaha, NE 68134 Phone: 402.996.3339 www.specializedeng.com</small>	ANDERSON <small>13600 1st Ave. N. #200 Plymouth, MN 55441 P 763.412.4080 F 763.432.4090 Anderson Engineering of Minnesota, LLC P&H # 16000</small>	STAMP	Approved:	FULLY SPRINKLERED	Location Sioux Falls, SD Issue Date 03/26/2021	Drawing Number AE111-05-C
						Checked Author												

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1 FIRST LEVEL FLOOR PLAN - BUILDING 5 - AREA D
1/8" = 1'-0"

NOT FOR CONSTRUCTION

Revisions:	Date:

CONSULTANT

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Omaha, NE 68134
Phone: 402.993.3339
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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title

FIRST LEVEL FLOOR PLAN - BUILDING 5 - AREA D

Approved:

Phase

35% CONSTRUCTION DOCUMENT REVIEW

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Project Title

VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location

Sioux Falls, SD

Issue Date

03/26/2021

Checked

Drawn

Author

Project Number

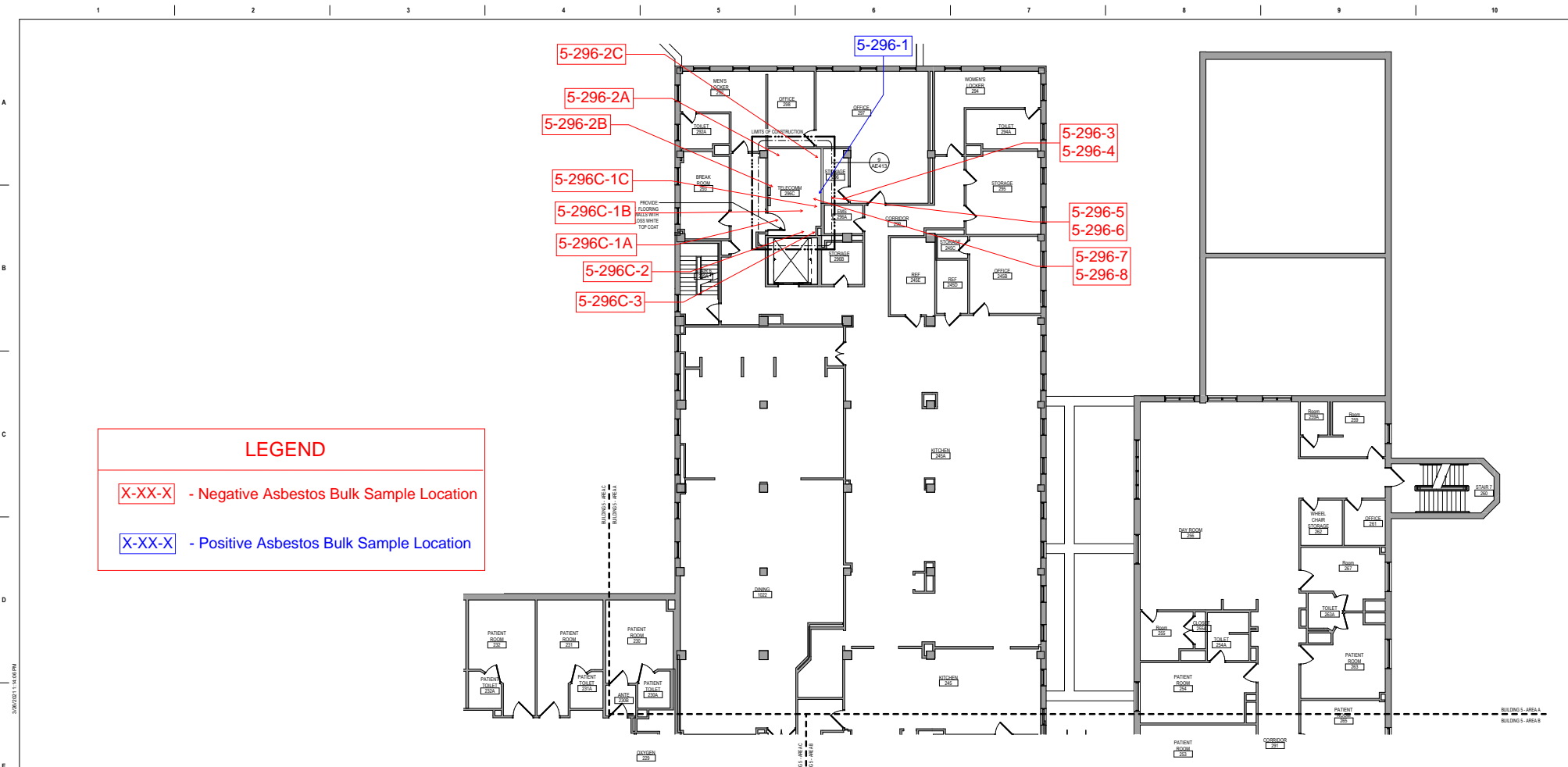
438-20-910

Building Number

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Drawing Number

AE111-05-D



LEGEND

X-XX-X - Negative Asbestos Bulk Sample Location

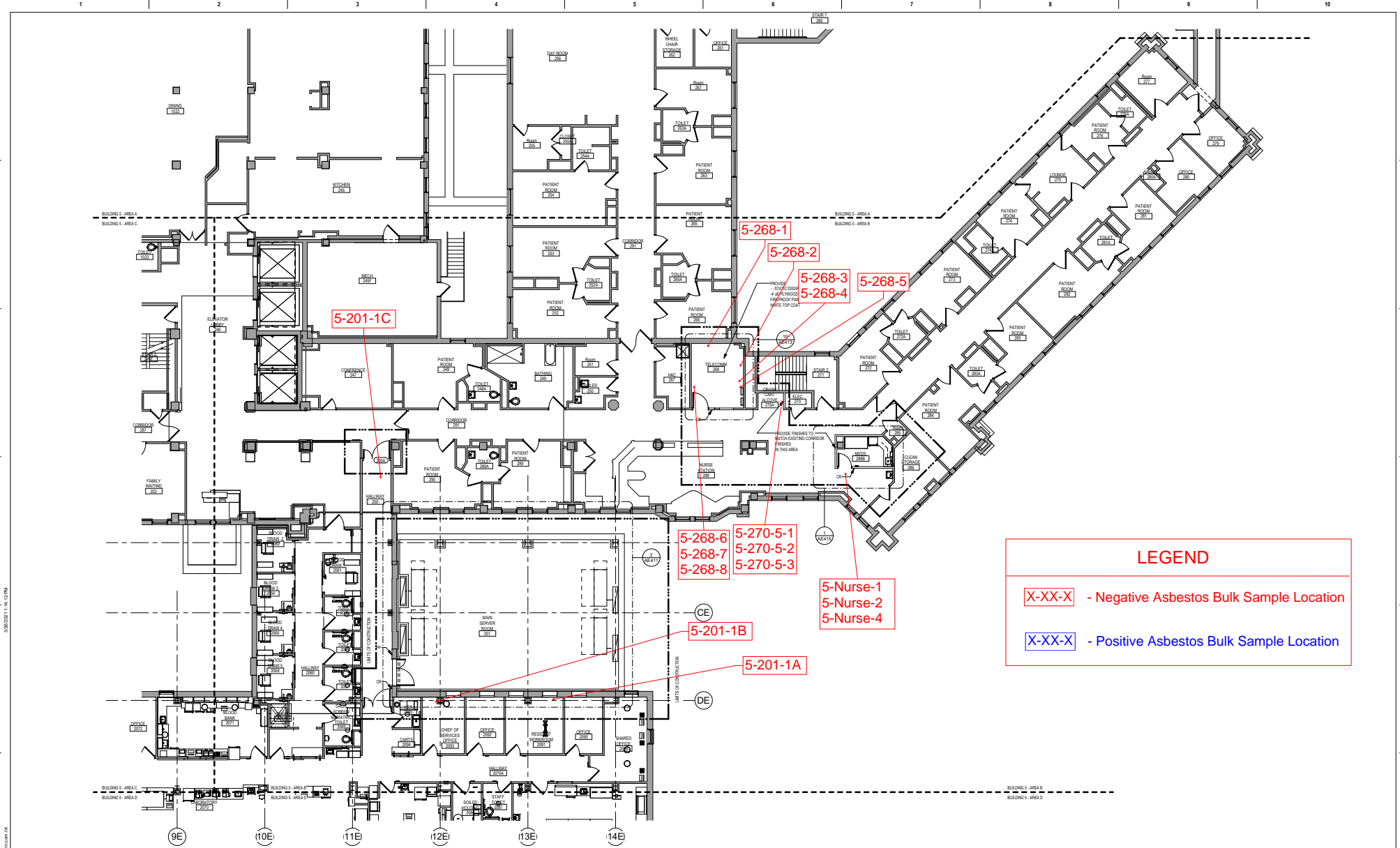
X-XX-X - Positive Asbestos Bulk Sample Location

1 SECOND LEVEL FLOOR PLAN - BUILDING 5 - AREA A
1/8" = 1'-0"

NOT FOR CONSTRUCTION

	CONSULTANT 	ARCHITECT/ENGINEER OF RECORD 	STAMP 	Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title SECOND LEVEL FLOOR PLAN - BUILDING 5 - AREA A Approved:	Phase 35% CONSTRUCTION DOCUMENT REVIEW FULLY SPRINKLERED	Project Title VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES Location Sioux Falls, SD Issue Date 03/26/2021	Project Number 438-20-910 Building Number - Drawing Number AE121-05-A
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LEGEND

X-XX-X - Negative Asbestos Bulk Sample Location

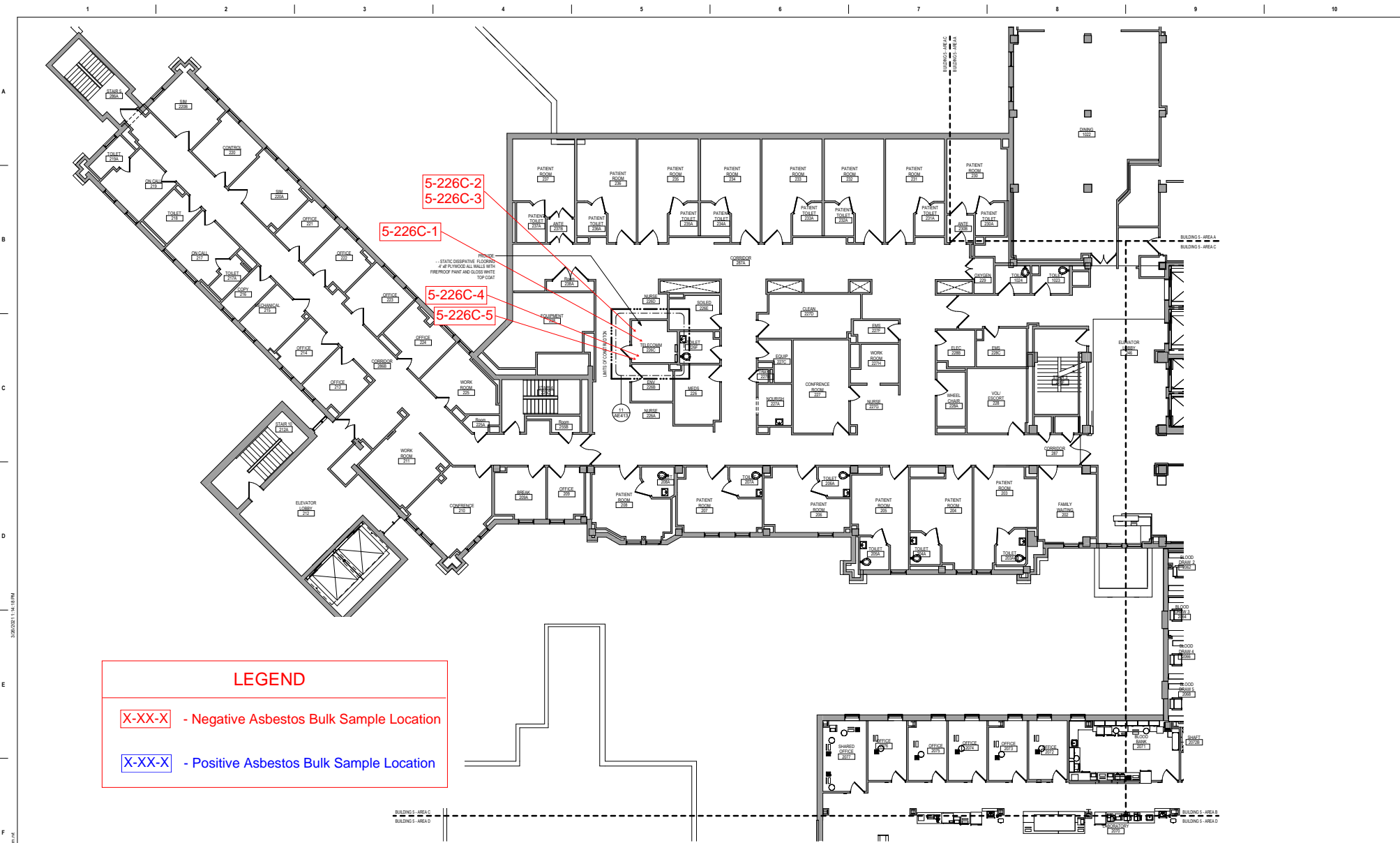
X-XX-X - Positive Asbestos Bulk Sample Location

1 SECOND LEVEL FLOOR PLAN - BUILDING 5 - AREA B
1/8" = 1'-0"

NOT FOR CONSTRUCTION

	CONSULTANT 	ARCHITECT/ENGINEER OF RECORD 		Office of Construction and Facilities Management 	Drawing Title SECOND LEVEL FLOOR PLAN - BUILDING 5 - AREA B	Phase 35% CONSTRUCTION DOCUMENT REVIEW	Project Title VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES	Project Number 438-20-910										
Revisions: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50px; height: 20px;"> </td><td style="width: 50px; height: 20px;"> </td></tr> <tr><td style="width: 50px; height: 20px;"> </td><td style="width: 50px; height: 20px;"> </td></tr> <tr><td style="width: 50px; height: 20px;"> </td><td style="width: 50px; height: 20px;"> </td></tr> <tr><td style="width: 50px; height: 20px;"> </td><td style="width: 50px; height: 20px;"> </td></tr> </table>									Date:	SPECIALIZED ENGINEERING SOLUTIONS <small>Specialty Engineering Group Omaha, NE 68134 Phone: 402.991.3333 www.specializedeng.com</small>	ANDERSON <small>3940 1st Ave. N. 21st W. Plymouth, MN 55441 P 763.412.4000 F 763.432.4000 www.anderson-engineering.com Anderson is an Equal Opportunity Employer, M/F/V</small>	U.S. Department of Veterans Affairs	Approved:	FULLY SPRINKLERED	Location Sioux Falls, SD	Issue Date 03/26/2021	Checked Author	Drawing Number AE121-05-B

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X-XX-X - Negative Asbestos Bulk Sample Location

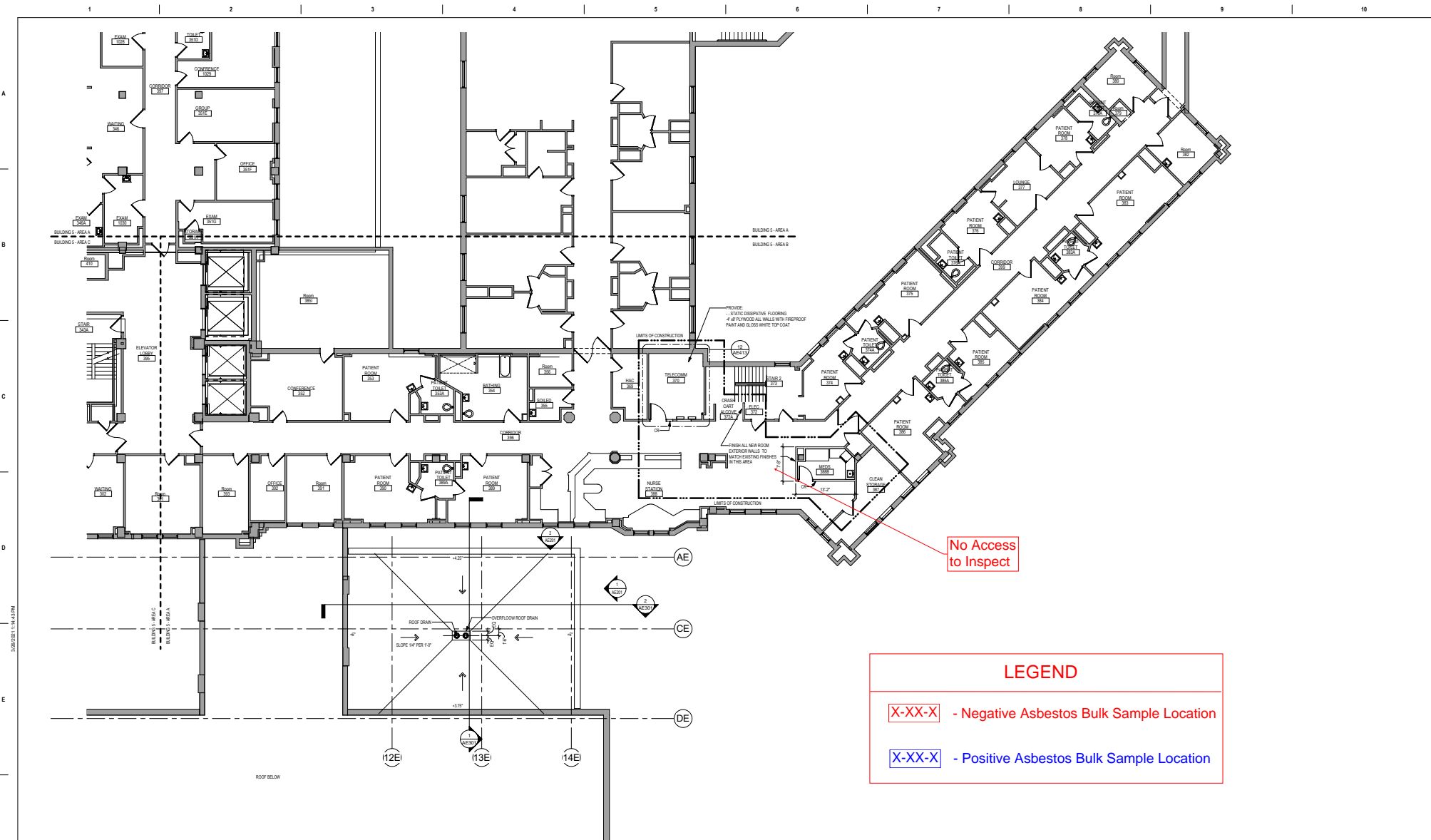
X-XX-X - Positive Asbestos Bulk Sample Location

1 SECOND LEVEL FLOOR PLAN - BUILDING 5 - AREA C
1/8" = 1'-0"

NOT FOR CONSTRUCTION

	CONSULTANT 	ARCHITECT/ENGINEER OF RECORD 	STAMP	Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title SECOND LEVEL FLOOR PLAN - BUILDING 5 - AREA C	Phase 35% CONSTRUCTION DOCUMENT REVIEW	Project Title VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES	Project Number 438-20-910				
Revisions:	Date:	15600 1st Ave. N. #210 Plymouth, MN 55441 P 763.412.4080 F 763.432.4090 www.andersoneng.com Anderson is a member of the HOK Group, LLC PEU # 16000			Approved:	FULLY SPRINKLERED	Location Sioux Falls, SD	Issue Date 03/26/2021	Checked 	Drawn 	Author 	Drawing Number AE121-05-C

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1 THIRD LEVEL FLOOR PLAN - BUILDING 5 - AREA B
1/8" = 1'-0"

LEGEND

X-XX-X - Negative Asbestos Bulk Sample Location

X-XX-X - Positive Asbestos Bulk Sample Location

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Revisions:	Date:

CONSULTANT

AST

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Specialty Group Omaha, NE 68134 Phone: 402.993.3333 www.specializedeng.com

ARCHITECT/ENGINEER OF RECORD

ANDERSON

19605 1st Ave. N. #2100 Plymouth, MN 55441
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Anderson Engineering of Minneapolis, LLC | PE# 16000

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Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title
THIRD LEVEL FLOOR PLAN - BUILDING 5 - AREA B

Approved:

Phase
35% CONSTRUCTION DOCUMENT REVIEW

FULLY SPRINKLERED

Project Title
VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES

Location
Sioux Falls, SD

Issue Date
03/26/2021

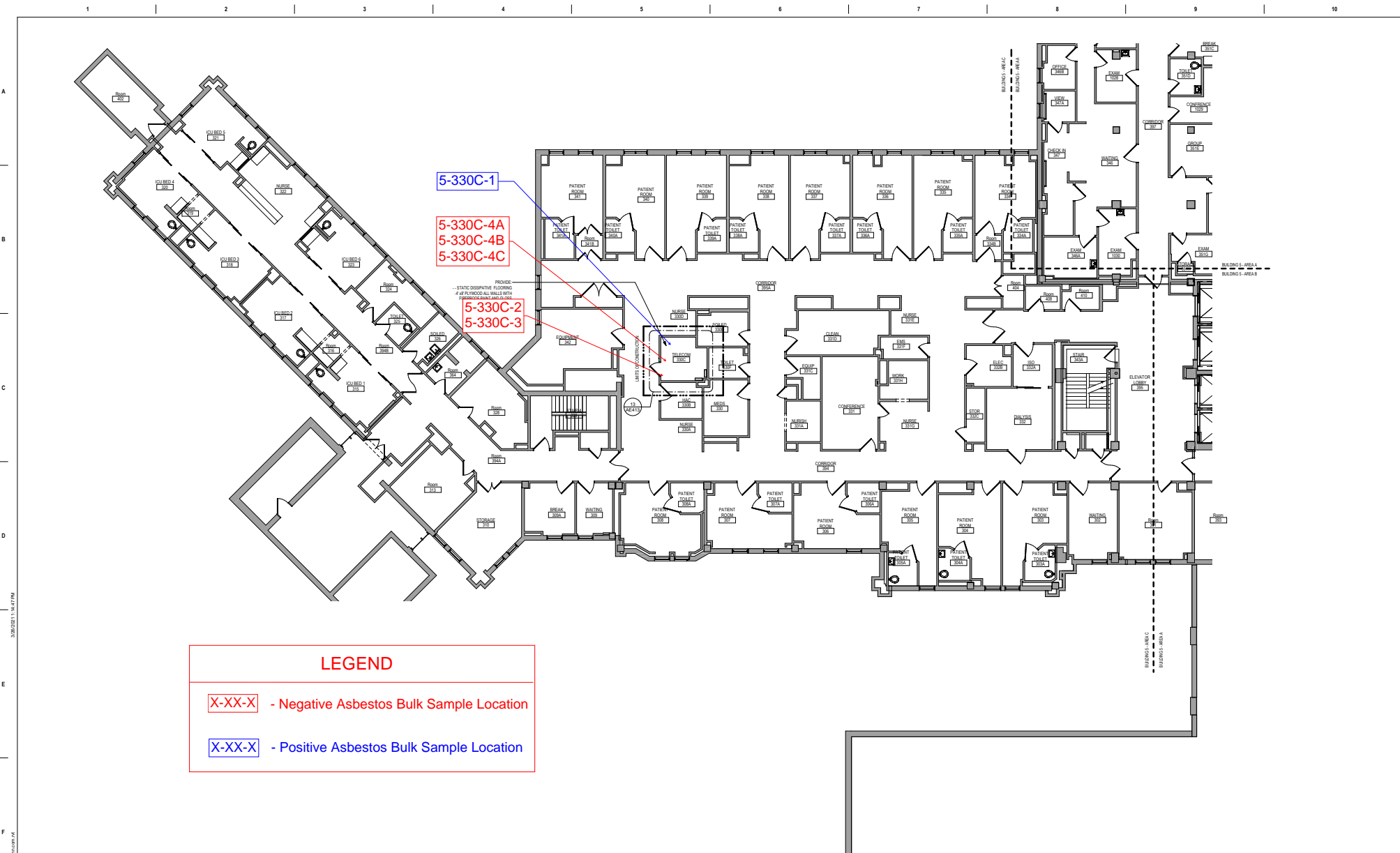
Checked
Author

Project Number
438-20-910

Building Number
-

Drawing Number
AE131-05-B

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LEGEND

X-XX-X - Negative Asbestos Bulk Sample Location

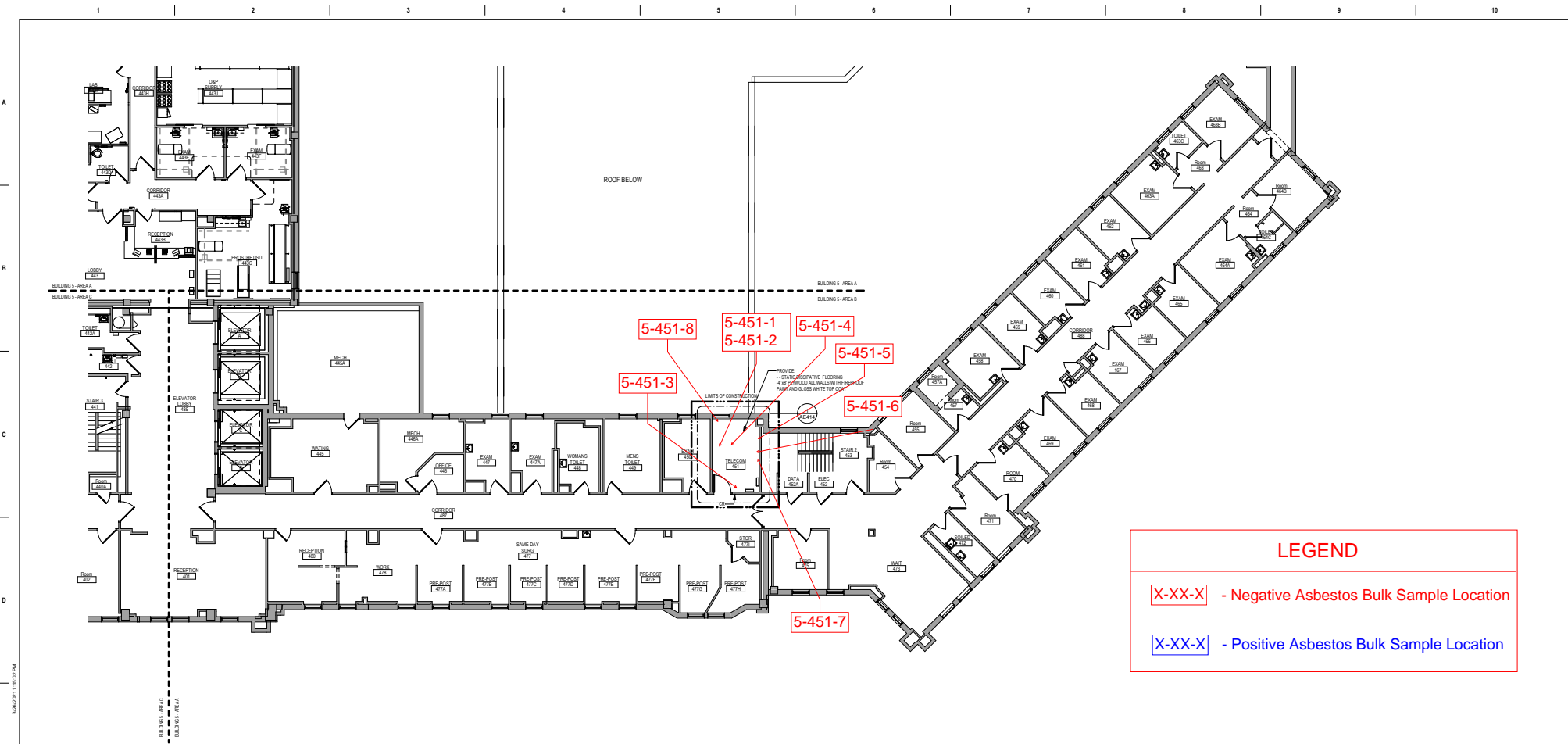
X-XX-X - Positive Asbestos Bulk Sample Location

1 THIRD LEVEL FLOOR PLAN - BUILDING 5 - AREA C
1/8" = 1'-0"

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	CONSULTANT 	SPECIALIZED ENGINEERING SOLUTIONS <small>38048 Brown Creek Omaha, NE 68134 Phone: 402.998.3320 www.specializedeng.com</small>	ARCHITECT/ENGINEER OF RECORD ANDERSON <small>13600 1st Ave. N. #200 Plymouth, MN 55441 P 763.432.4080 F 763.432.4090 www.anderson-engineering.com P&H # 16000</small>	STAMP 	Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title THIRD LEVEL FLOOR PLAN - BUILDING 5 - AREA C Approved:	Phase 35% CONSTRUCTION DOCUMENT REVIEW FULLY SPRINKLERED	Project Title VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES Location Sioux Falls, SD Issue Date 03/26/2021	Project Number 438-20-910 Building Number - Drawing Number AE131-05-C Checked Author
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LEGEND

X-XX-X - Negative Asbestos Bulk Sample Location
X-XX-X - Positive Asbestos Bulk Sample Location

1 FOURTH LEVEL FLOOR PLAN - BUILDING 5 - AREA B
1/8" = 1'-0"

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	CONSULTANT 	ARCHITECT/ENGINEER OF RECORD 		Office of Construction and Facilities Management 	Drawing Title FOURTH LEVEL FLOOR PLAN - BUILDING 5 - AREA B	Phase 35% CONSTRUCTION DOCUMENT REVIEW	Project Title VAMC SIOUX FALLS EHRM INFRASTRUCTURE UPGRADES	Project Number 438-20-910	
Revisions:	Date:	SPECIALIZED ENGINEERING SOLUTIONS <small>3801 Blount Circle Omaha, NE 68134 Phone: 402.993.3333 www.specializedeng.com</small>	13645 1st Ave. N. #100 Plymouth, MN 55441 P 763.432.4090 F 763.432.4095 www.anderson-engineers.com Anderson is a member of the HOK Group, LLC PEU # 16000	U.S. Department of Veterans Affairs	Approved:	FULLY SPRINKLERED	Location Sioux Falls, SD	Issue Date 03/26/2021	Drawing Number AE141-05-B
							Checked Author		

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