



LIMITED ASBESTOS AND LEAD INSPECTION REPORT

VA Black Hills Health Care System
113 Comanche Road
Fort Meade, SD 57741

AET Project No. P-0011150

Report Date:

April 8, 2022



Prepared for:

GDM

1401 W. 34th Ave., Ste. 200

Anchorage, AK 99503

Geotechnical • Materials
Forensic • Environmental
Building Technology
Petrography/Chemistry

American Engineering Testing

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April 8, 2022



GDM
1401 W. 34th Ave., Ste. 200
Anchorage, AK 99503

Attn: Mr. Conrad Chandler, Project Manager

RE: Limited Asbestos and Lead Inspection Report
VA Black Hills Health Care System
113 Comanche Road
Fort Meade, SD 57741
AET Project No. P-0011150

Dear Mr. Chandler:

American Engineering Testing, Inc. has completed the enclosed report of Limited Asbestos and Lead Inspection services for the VA Black Hills Health Care System located in Fort Meade, South Dakota. This service was performed in accordance with our proposal agreement no. P-0011150 and Change Order 1.

We appreciate the opportunity to have been of service to you on this project. If you have any questions regarding the information presented in this Limited Asbestos and Lead Inspection Report or if we can be of additional assistance, please contact me.

Sincerely,
American Engineering Testing, Inc.

A handwritten signature in black ink, appearing to read 'Bruce A. Boehm Carlson', written over a white background.

Bruce A. Boehm Carlson
Sr. Environmental Project Manager
E-mail: bboehmcarlson@teamAET.com
Phone: (651) 999-1387

Enclosure

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EXECUTIVE SUMMARY

American Engineering Testing, Inc. (AET) was authorized by GDM (Client) to conduct a limited asbestos and lead inspection of various building located at the VA Black Hills Health Care System, 113 Comanche Road, Fort Meade, South Dakota (Site). The purpose for the limited asbestos and lead inspection was to identify, sample and quantify suspect asbestos-containing building materials (ACBMs) as required by the South Dakota Department of Agriculture and Natural Resources and to test and quantify lead containing paints/coatings as required by the U.S. Environmental Protection Agency (EPA). Services performed by AET were conducted in accordance with our Proposal No. P-0011150.

Bruce Boehm Carlson, a South Dakota Department of Agriculture and Natural Resources and Environmental Protection Agency (EPA) certified Asbestos Building Inspector and Lead Risk Assessor, completed the inspection on March 22-24, 2022. AET collected 147 samples of suspect ACBM and tested 214 suspect painted/coated lead surfaces at the Site.

The inspection was limited to select IT equipment rooms the following buildings:

- 40, 46, 50, 53, 85, 89, 90, 110, 113, 145, 146, 147, 148, T171, T296, and 359.

Please note that the first one or two letters in the middle portion of the asbestos sample numbers denote which building the sample was collected from. Use the following as an explanation:

Sample ###-**XX**XXXX-A

- The bold, underlined “Xs” represent the building, such as 40, 146, or T171 as examples.

Also, the figures only show the locations of the asbestos and lead containing materials. The non-asbestos and lead containing sample/test locations were not identified on the figures.

The following materials were sampled and found to contain greater than 1% asbestos:

- 311-113BGBRS-A – Photo 2 – Building 113, 9”x9” beige with brown streaks floor tile and black mastic was found to contain 5% asbestos in the tile only, the mastic DOES NOT contain asbestos. Approximately 11 total square feet (SF) of the floor tile was identified in Basement Rm. TCBA.
- 222113HW-A, B, C – Photo 3 – Building 113, 0-4” hard white fibrous pipe fittings were found to contain 10% asbestos. Approximately 15 total fittings (EA) were identified in Fl. 01 Rm. 192A.
- 222-145HW-A, B, C – Photo 4 – Building 145, 0-4” hard white fibrous pipe fittings were found to contain 3% asbestos. Approximately 1 total fitting (EA) was identified in Fl. 01 Rm. 122B.
- 310-145TGS-A – Photo 5 – Building 145, 12”x12” tan with gray streaks floor tile and black mastic was found to contain 3% asbestos in the mastic only, the tile DOES NOT contain

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asbestos. Approximately 1,374 total square feet (SF) of the mastic was identified in Fl. 01 Rm. 132.

- 310-145CBS-A – Photo 6 – Building 145, 12"x12" cream with beige streaks floor tile and black mastic was found to contain 3% asbestos in the mastic only, the tile DOES NOT contain asbestos. Approximately 53 total square feet (SF) of the mastic was identified in Fl. 01 Rms. TC1A (17 SF) and 137C (36 SF).
- 311-145GPBS-A – Photo 7 – Building 145, 9"x9" gray with pink and black streaks floor tile and black mastic was found to contain 8% asbestos in the tiles and 3% asbestos in the mastic. Approximately 666 total square feet (SF) of the floor tile and mastic was identified in Fl. 01 Rm. 137C.
- 312-145YB-A – Photo 8 – Building 145, yellow and black floor tile mastic was found to contain 2% asbestos. Approximately 99 total square feet (SF) of the mastic was identified in Fl. 02 Rm. 229A.
- 310-145WRBS-A – Photo 9 – Building 145, 12"x12" white with red and black streaks floor tile and black mastic was found to contain 3% asbestos in the mastic only, the tile DOES NOT contain asbestos. Approximately 9 total square feet (SF) of the mastic was identified in Fl. 02 Rm. TC2A.
- 309-146T-A – Photo 10 – Building 146, tan carpet mastic was found to contain 2% asbestos. Approximately 99 total square feet (SF) of the mastic was identified in Fl. 01 Rm. 108.
- 309-148BGOB-A – Photo 11 – Building 148, beige over black carpet mastic was found to contain 2% asbestos. Approximately 176 total square feet (SF) of the mastic was identified in Fl. 01 Rm. C106A.
- 310-88TBRS-A – Photo 12 – Building 99, 12"x12" tan with brown streaks floor tile and black mastic was found to contain 6% asbestos in the tiles and 3% asbestos in the mastic. Approximately 30 total square feet (SF) of the floor tile and mastic was identified in Fl. 01 Rm. 100A.
- 311-88BRPP-A – Photo 13 – Building 88, 9"x9" brown with pink patches floor tile and black mastic was found to contain 10% asbestos in the tiles and 3% asbestos in the mastic. Approximately 144 total square feet (SF) of the floor tile and mastic was identified in Fl. 01 Rm. B102D.
- 310-90WM-A – Photo 14 – Building 90, 12"x12" white mottled floor tile and black mastic was found to contain 3% asbestos in the mastic only, the tile DOES NOT contain asbestos. Approximately 110 total square feet (SF) of the mastic was identified in Fl. 01 Rm. 109.
- 321-90GP-A – Photo 15 – Building 90, gray penetration caulk was found to contain 10% asbestos. Approximately 1 total square feet (SF) of the caulk was identified in Fl. 01 Rm. 109.

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These asbestos-containing materials must be removed by a licensed asbestos abatement company using certified supervisors and workers prior to commencing renovation activities.

The following materials were not sampled, but were presumed to contain greater than one percent asbestos:

- 509-113BRF – Photo 16 – Building 113, black raised flooring adhesive was presumed to contain asbestos due to inaccessibility for sampling. It is estimated that approximately 156 total square feet is present beneath the raised flooring in Fl. 01 Rm. 192A.

This material must be sampled and tested to determine the presence or absence of asbestos OR it must be removed by a licensed asbestos abatement company using certified supervisors and workers prior to impacting as part of renovation or demolition.

The following materials were found to contain less than 1% asbestos (by laboratory analysis and point count methods):

- 305-148WC-A - Photo 17 – Building 148, sheetrock and taping compound walls and ceilings was found to contain 0.5% asbestos. Approximately 240 total square feet (SF) of the sheetrock and taping compound was identified in Fl. 01 Rm. FTC1.
- 107-90BPY-A, B, C - Photo 18 – Building 90, bumpy textured walls were found to contain 0.25% asbestos. Approximately 420 total square feet (SF) of the bumpy texturing was identified in Fl. 01 Rm. 109.
- 305-T171WC-A, B - Photo 19 – Building T171, sheetrock and taping compound walls and ceilings was found to contain 0.25% asbestos. Approximately 420 total square feet (SF) of the sheetrock and taping compound was identified in Fl. 01 Rms. 100 (60 SF) and 101B (360 SF).

These materials may be removed and disposed of as general construction and demolition (C&D) waste following OSHA regulations. Contact the landfill to confirm acceptance of the materials prior to arriving at the landfill. Some landfills may not accept the waste as general C&D waste but rather may require disposal as asbestos waste.

The rest of the materials that were sampled and tested were found **to not** contain asbestos.

The following painted/coated surfaces were found to contain greater than 1 milligram per square centimeter (mg/cm²) lead:

- Shot 18 - Photo 20 – Building 145, glazed tan terra cotta block walls were found to contain 1.50 mg/cm² lead. Approximately 75 total square feet (SF) of the terra cotta tile was identified in Fl. 02 Rm. TC2A.

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- Shot 25 - Photo 21 – Building 145, glazed tan terra cotta block walls were found to contain 1.60 mg/cm² lead. Approximately 75 total square feet (SF) of the terra cotta tile was identified in Fl. 03 Rm. TC3A.
- Shot 75 - Photo 22 – Building T171, tan wood door/door frame were found to contain 27.90 mg/cm² lead. Approximately 27 total square feet (SF) of the wood door/door frame was identified in Fl. 01 Rm. 101B.
- Shot 80 - Photo 23 – Building 46, white wood window was found to contain 5.50 mg/cm² lead. Approximately 5 total square feet (SF) of the wood window was identified in Basement B101.
- Shot 96 - Photo 24 – Building 50, gray wood ceiling was found to contain 1.50 mg/cm² lead. Approximately 375 total square feet (SF) of the wood ceiling was identified in Basement B101.
- Shot 105 - Photo 25 – Building 53 white wood window was found to contain 3.70 mg/cm² lead. Approximately 2 total square feet (SF) of the wood window was identified in Basement B108.
- Shot 117 - Photo 26 – Building T296, white metal window frame was found to contain 1.50 mg/cm² lead. Approximately 2 total square feet (SF) of the metal window frame was identified on the exterior of T296 laundry room.
- Shot 133 - Photo 27 – Building 148, 4" white ceramic tile base cove was found to contain 3.20 mg/cm² lead. Approximately 11 total square feet (SF) of the ceramic base cove was identified in Fl. 01 Rm. ATC2.
- Shot 221 - Photo 28 – Building 113, 4" light yellow ceramic wall tile was found to contain 6.80 mg/cm² lead. Approximately 128 total square feet (SF) of the ceramic wall tile was identified in Fl. 01 Rm. 169A.

The lead containing materials must be removed and properly disposed of by Environmental Protection Agency (EPA) Lead Renovation, Repair and Painting (RRP) trained and certified personnel.

Salvage, reuse, recycle or properly dispose of the numerous regulated waste materials identified at the Site prior to commencing with renovation activities.

Complete and submit the South Dakota Department of Environment and Natural Resources Asbestos Demolition/Renovation Notification Form at least ten working days to South Dakota Department of Environment and Natural Resources prior to commencing the demolition activities.

If untested suspect asbestos-containing materials or potential lead containing paints/coatings are identified during renovation, do not disturb the materials and contact AET for consultation or follow-up testing. Notify the general contractor of the location and quantity of asbestos and regulated waste items at the Site.

1.0 INTRODUCTION

1.1 Purpose

This report presents the results of the limited asbestos and lead inspection performed at the VA Black Hills Health Care System, 113 Comanche Road, Fort Meade, South Dakota (Site). American Engineering Testing, Inc. (AET) completed the inspection at the request of GDM (Client). The inspection was performed to facilitate moving and installation of IT cabling in certain building at the Site.

The purpose for the limited asbestos and lead inspection was to identify, sample and quantify suspect asbestos-containing building materials (ACBMs) as required by the South Dakota Department of Agriculture and Natural Resources and to test and quantify lead containing paints/coatings as required by the U.S. Environmental Protection Agency (EPA).

1.2 Scope of Inspection

AET's scope of services included the following tasks:

- Conduct a visual inspection for the presence of ACBM.
- Collect representative bulk samples of suspect ACBMs for analysis.
- Submit the bulk samples of suspect materials to an accredited National Voluntary Laboratory Accreditation Program (NVLAP) laboratory for analysis of asbestos content. Laboratory certifications can be found in Appendix G.
- Identify, test, and quantify the various painted/coated materials for lead content utilizing a portable x-ray fluorescence (XRF) analyzer.
- Prepare a final report summarizing the results of the assessment.

1.3 Limitations

Sampling and testing were limited to select IT equipment rooms the following buildings:

- 40, 46, 50, 53, 85, 89, 90, 110, 113, 145, 146, 147, 148, T171, T296, and 359.

2.0 ASBESTOS AND LEAD INSPECTION PROCEDURES

2.1 General Information

The Inspection was conducted on March 22-24, 2022 by Bruce Boehm Carlson, a South Dakota Department of Agriculture and Natural Resources and Environmental Protection Agency (EPA) certified Asbestos Building Inspector and Lead Risk Assessor. AET collected 147 samples of suspect asbestos-containing building materials (ACBM) and tested 214 suspect painted/coated lead surfaces at the Site.

Suspect asbestos inspection, sampling and analytical procedures were performed in accordance with EPA Asbestos Hazard Emergency Response Act (AHERA) 40 CFR Part 763, Subpart E; EPA National

Emission Standard for Hazardous Air Pollutants (NESHAP), 40 CFR Part 61; and the Occupational Safety and Health Administration (OSHA) rules and regulations, Asbestos Standards for General Industry 29 CFR 1910.1001 and Asbestos Standards for the Construction Industry 29 CFR 1926.1101.

Asbestos samples were analyzed utilizing polarized light microscopy (PLM) by Eurofins EMLab P&K, a NVLAP accredited laboratory (NVLAP Lab No. 200844-0). Other potential regulated wastes were inventoried according to the Pre-Demolition Environmental Checklist and Guide.

Potential lead-containing paint sampling and analytical procedures were performed in accordance with the U.S. Department of Housing and Urban Development (HUD), the EPA and the OSHA. Testing was conducted utilizing a Niton portable XRF analyzer.

2.2 Function of Inspection

The EPA NESHAP requires building owners to inspect for ACM in areas of a building where renovation or demolition will take place. Some States regulate the removal and disposal of regulated waste as outlined in the Pre-Demolition Environmental Checklist and Guide.

All manufactured and some natural products are considered suspect ACM. Materials that are considered to be non-suspect are wood, metal, glass, and fiberglass. Prior to renovation or demolition of a building, all regulated friable ACM must be removed from the affected area. In addition, non-friable materials, which are in a damaged condition or are likely to become friable during the process of renovation or demolition also require removal. Non-friable materials, which are in good condition at the time of inspection and most likely will not become friable during demolition may, under certain circumstances, remain in place prior to demolition. EPA and OSHA define any building material which contains greater than one percent asbestos to be asbestos-containing material. It is also required to point-count by PLM the percent asbestos in friable asbestos-containing material (ACM) estimated to contain less than one percent asbestos.

The South Dakota Department of Environment and Natural Resources (SD DENR) regulates the removal and disposal of regulated waste. This also includes delaminating lead-based paint.

Delaminating lead-based paint is no longer required to be scraped or stabilized if the building is being demolished; however, all chips/debris and waste materials must be collected, properly containerized and properly disposed of at an approved landfill. HUD and the EPA identify lead-based paint as any paint, varnish, shellac, or other coating that contains lead concentrations equal or greater than one milligram per square centimeter (1.0 mg/cm^2), 0.5 % by weight or 5,000 parts per million (ppm). OSHA recognizes lead-based paint as paint that contains any detectable amount of lead. Although the use of lead in paint was banned in 1978 by the Consumer Product Safety Commission (CPSC), consumer paints can still contain up to 0.06 % lead by weight or 600 ppm. Lead-based paints are still commonly used in many commercial applications.

3.0 ASBESTOS AND LEAD INSPECTION RESULTS

3.1 Asbestos-Containing Materials

See Figures 1 for the locations of the asbestos containing building material samples. See Table 1 for the materials that contain asbestos, Table 2 for the materials that were not sampled but presumed to contain asbestos, Table 3 for the materials that contain less than 1% asbestos and Table 4 for the materials that do not contain asbestos. Please see Appendix B for all material locations. The asbestos analytical laboratory report is included in Appendix C. Photographs are included in Appendix F. Laboratory credentials are included in Appendix G.

Please note that the first one or two letters in the middle portion of the sample numbers denote which building the sample was collected from. Use the following as an explanation:

Sample ###-XXXXXX-A

- The bold, underlined “Xs” represent the building, such as 40, 146, or T171 as examples.

The following materials were sampled and found to contain greater than 1% asbestos:

- 311-113BGBRS-A – Photo 2 – Building 113, 9”x9” beige with brown streaks floor tile and black mastic was found to contain 5% asbestos in the tile only, the mastic DOES NOT contain asbestos. Approximately 11 total square feet (SF) of the floor tile was identified in Basement Rm. TCBA.
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- 310-90WM-A – Photo 14 – Building 90, 12"x12" white mottled floor tile and black mastic was found to contain 3% asbestos in the mastic only, the tile DOES NOT contain asbestos. Approximately 110 total square feet (SF) of the mastic was identified in Fl. 01 Rm. 109.
- 321-90GP-A – Photo 15 – Building 90, gray penetration caulk was found to contain 10% asbestos. Approximately 1 total square feet (SF) of the caulk was identified in Fl. 01 Rm. 109.

These asbestos-containing materials must be removed by a licensed asbestos abatement company using certified supervisors and workers prior to commencing renovation activities.

The following materials were not sampled, but were presumed to contain greater than one percent asbestos:

- 509-113BRF – Photo 16 – Building 113, black raised flooring adhesive was presumed to contain asbestos due to inaccessibility for sampling. It is estimated that approximately 156 total square feet is present beneath the raised flooring in Fl. 01 Rm. 192A.

This material must be sampled and tested to determine the presence or absence of asbestos OR it must be removed by a licensed asbestos abatement company using certified supervisors and workers prior to impacting as part of renovation or demolition.

The following materials were found to contain less than 1% asbestos (by laboratory analysis and point count methods):

- 305-148WC-A - Photo 17 – Building 148, sheetrock and taping compound walls and ceilings was found to contain 0.5% asbestos. Approximately 240 total square feet (SF) of the sheetrock and taping compound was identified in Fl. 01 Rm. FTC1.
- 107-90BPY-A, B, C - Photo 18 – Building 90, bumpy textured walls were found to contain 0.25% asbestos. Approximately 420 total square feet (SF) of the bumpy texturing was identified in Fl. 01 Rm. 109.
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These materials may be removed and disposed of as general construction and demolition (C&D) waste following OSHA regulations. Contact the landfill to confirm acceptance of the materials prior to arriving at the landfill. Some landfills may not accept the waste as general C&D waste but rather may require disposal as asbestos waste.

The rest of the materials that were sampled and tested were found **to not** contain asbestos.

Complete and submit the South Dakota Department of Environment and Natural Resources Asbestos Demolition/Renovation Notification Form at least ten working days to South Dakota Department of Environment and Natural Resources prior to commencing the demolition activities.

3.2 Lead Paints/Coatings

AET tested the various paints/coatings in the various IT equipment rooms at the Site. A summary of the lead containing paints/coatings can be found in Table 5 and a summary of the non-lead containing paints/coatings can be found in Table 6. Please see Appendix D for the locations and results of all the tested paints/coatings. A copy of the XRF Performance Characteristics Sheets can be found in Appendix G.

The following painted/coated surfaces were found to contain greater than 1 milligram per square centimeter (mg/cm²) lead:

- Shot 18 - Photo 20 – Building 145, glazed tan terra cotta block walls were found to contain 1.50 mg/cm² lead. Approximately 75 total square feet (SF) of the terra cotta tile was identified in Fl. 02 Rm. TC2A.
- Shot 25 - Photo 21 – Building 145, glazed tan terra cotta block walls were found to contain 1.60 mg/cm² lead. Approximately 75 total square feet (SF) of the terra cotta tile was identified in Fl. 03 Rm. TC3A.

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- Shot 75 - Photo 22 – Building T171, tan wood door/door frame were found to contain 27.90 mg/cm² lead. Approximately 27 total square feet (SF) of the wood door/door frame was identified in Fl. 01 Rm. 101B.
- Shot 80 - Photo 23 – Building 46, white wood window was found to contain 5.50 mg/cm² lead. Approximately 5 total square feet (SF) of the wood window was identified in Basement B101.
- Shot 96 - Photo 24 – Building 50, gray wood ceiling was found to contain 1.50 mg/cm² lead. Approximately 375 total square feet (SF) of the wood ceiling was identified in Basement B101.
- Shot 105 - Photo 25 – Building 53 white wood window was found to contain 3.70 mg/cm² lead. Approximately 2 total square feet (SF) of the wood window was identified in Basement B108.
- Shot 117 - Photo 26 – Building T296, white metal window frame was found to contain 1.50 mg/cm² lead. Approximately 2 total square feet (SF) of the metal window frame was identified on the exterior of T296 laundry room.
- Shot 133 - Photo 27 – Building 148, 4" white ceramic tile base cove was found to contain 3.20 mg/cm² lead. Approximately 11 total square feet (SF) of the ceramic base cove was identified in Fl. 01 Rm. ATC2.
- Shot 221 - Photo 28 – Building 113, 4" light yellow ceramic wall tile was found to contain 6.80 mg/cm² lead. Approximately 128 total square feet (SF) of the ceramic wall tile was identified in Fl. 01 Rm. 169A.

The lead containing materials must be removed and properly disposed of by Environmental Protection Agency (EPA) Lead Renovation, Repair and Painting (RRP) trained and certified personnel.

Salvage, reuse, recycle or properly dispose of the numerous regulated waste materials identified at the Site prior to commencing with demolition activities. A copy of the Pre-Demolition Environmental Checklist and Guide is in Appendix E.

4.0 RECOMMENDATIONS

Based on the results of this investigation, AET recommends the following:

- The facility owners must notify employees, tenants, contractors, and vendors working in the building of the presence, quantity, and location of identified or assumed ACM and lead containing paints/coatings.
- Prior to commencing renovation/demolition activities conduct the following:
 - o Sample and test the presumed ACM listed in Section 3, OR assume they contain asbestos and utilize a licensed asbestos abatement company with certified supervisors and workers to remove the presumed ACM listed in Section 3.1.
 - o Utilize a licensed asbestos abatement company with certified supervisors and workers to remove the ACM listed in Section 3.1.

- o Confirm with the demolition landfill they will accept the materials which contain less than 1% asbestos as general C&D waste identified in Section 3.1.
 - o Utilize EPA Lead RRP trained and certified contractors to manage the painted/coated surfaces throughout and on the building in accordance with the EPA Lead RRP Rules.
- Salvage, reuse, recycle or properly dispose of the numerous regulated objects identified at the Site prior to commencing with renovation activities.
- Complete and submit the South Dakota Department of Environment and Natural Resources Asbestos Demolition/Renovation Notification Form at least ten working days to South Dakota Department of Environment and Natural Resources prior to commencing the demolition activities. The form is available at: <https://denr.sd.gov/des/wm/asb/Documents/E0413V5-Asbestos%20Notification.pdf>
- Obtain all required local permits.
- Prepare a general environmental contingency management plan for addressing potential situations that may arise during the renovation project. Example contingencies might include management of petroleum, management of spilled fluids or other unknown regulated items encountered during the demolition and Site excavation.
- During the renovation/demolition activities, if additional suspect asbestos containing materials or potential lead containing paints/coatings are discovered, do not disturb the materials and contact AET for consultation or follow-up testing.

5.0 GENERAL REMARKS

5.1 Standard of Care

Bulk asbestos and lead testing, collection and analysis was conducted in accordance with EPA and the SD DENR required methodology. Other potential regulated wastes were inventoried.

This report summarizes the results of the inspection completed by AET. This inspection and review of the subject property has been limited in scope in that it was undertaken with the knowledge that visual observations and random sampling methods alone might not reveal the presence, full nature, and extent of all ACBM, lead paint, and other regulated wastes in the building. **AET makes no representations as to the asbestos or lead content of materials not sampled or that were not accessible to our inspector(s) (i.e., between walls, beneath floors, in sealed pipe chases, etc). The ACBM, lead paint, and other regulated wastes sample locations and building dimensions were visually estimated.** Therefore, the sample locations, building dimensions and approximate square footages of ACBM and lead paint should be considered accurate only to the degree implied by the methods used.

This asbestos and regulated wastes inspection is not intended to be the sole basis for asbestos, lead paint, and regulated waste removal bids. Confirmation of the presence, condition, and quantity of the

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AET Project No. P-0011150



ACBM's, lead paints, and other regulated waste should be conducted by prospective removal contractors prior to accepting removal bids. This report is provided for the exclusive use of the client noted on the cover page and is subject to the terms and conditions in the applicable contract between the Client and AET. The Client is the only party to whom AET has explained the limitations of this inspection and has been involved in the shaping of the scope of services. Any third-party review of this report will be subject to the terms and conditions governing contractual work between the Client and AET. The unauthorized use of, reliance on, or release of information contained in this report, without the expressed written consent of the Client is strictly prohibited and will be without risk or liability.

The services performed by AET on this project have been conducted with a level of care and skill that meets or exceeds industry standards set by reputable members of the profession, practicing in the same locality under similar budget and time constraints. **This inspection does not guarantee all ACBM, lead paint, or other regulated waste were found.**

5.2 Certifications

I, the undersigned, do hereby certify that I am an accredited Asbestos Building Inspector in the State of South Dakota, certified by the SD DENR, Nos. 9061. A photocopy of my current asbestos inspector and lead risk assessor certification is included in Appendix H.

Report Authored By:

A handwritten signature in black ink, appearing to read 'Bruce A. Boehm Carlson'.

Bruce A. Boehm Carlson

Senior Environmental Project Manager

Tables

Table 1 - Summary of Asbestos Containing Building Materials

Client Name: GDM
 Project Number: P-0011150
 Project Manager: Bruce A. Boehm Carlson
 Sample Set Name: 1

Building Number: 113
 Building Name Black Hills Health Care System
 Building Address 1: 113 Camanche Road
 Building Address 2:
 City, State Zip: Fort Meade, SD 57741

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 113 Basement TCBA	311 113BGBRS	9x9 Floor Tile & Mastic Building 113 Beige w/ Brown Streaks	M	YES	11 SF		Non-Friable			
Notes: Only the tile contains asbestos, the mastic is non-detect.										
Building 113 Floor 01 192A	222 113HW	0-4" Fibrous Pipe Fittings Building 113 Hard White	T	YES	15 EA		Friable		7	7
Notes:										
Building 145 Floor 01 122B	222 145HW	0-4" Fibrous Pipe Fittings Building 145 Hard White	T	YES	1 EA		Friable SD		1	1
Notes:										
Building 145 Floor 01 132	310 145TGS	12x12 Floor Tile & Building 145 Tan w/ Gray Streaks	M	YES	1374 SF		Non-Friable			
Notes: Only the black mastic contains asbestos, the tile is non-detect.										
Building 145 Floor 01 137C	310 145CBS	12x12 Floor Tile & Building 145 Cream w/ Beige Streaks	M	YES	36 SF		Non-Friable			
Notes: Located in Fl. 01 Rms. TC1A (17 SF) and 137C (36 SF) for an approximate total of 53 SF. Only the black mastic contains asbestos, the tile is non-detect.										

Client Name: GDM
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 Sample Set Name: 1

Building Number: 113
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 City, State Zip: Fort Meade, SD 57741

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 145 Floor 01 137C	311 145GPBS	9x9 Floor Tile & Mastic Building 145 Gray w/ Pink and Black Streaks	M	YES	666 SF		Non-Friable			
Notes: Both the tile and mastic contain asbestos.										
Building 145 Floor 01 TC1A	310 145CBS	12x12 Floor Tile & Building 145 Cream w/ Beige Streaks	M	YES	17 SF		Non-Friable			
Notes: Located in Fl. 01 Rms. TC1A (17 SF) and 137C (36 SF) for an approximate total of 53 SF. Only the black mastic contains asbestos, the tile is non-detect.										
Building 145 Floor 02 229A	312 145YB	Mastic - Floor Tile Building 145 Yellow and Black	M	YES	99 SF		Non-Friable			
Notes:										
Building 145 Floor 02 TC2A	310 145WRBS	12x12 Floor Tile & Building 145 White w/ Red and Black Streaks	M	YES	9 SF		Non-Friable			
Notes: Only the black mastic contains asbestos, the tile is non-detect.										
Building 146 Floor 01 108	309 146T	Mastic - Carpet Building 146 Tan	M	YES	99 SF		Non-Friable			
Notes: Located throughout the building.										

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Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 148 Floor 01 C106A	309 148BGOB	Mastic - Carpet Building 148 Beige Over Black	M	YES	176 SF		Non-Friable			
Notes: Located throughout the building.										
Building 88 Floor 01 100A	310 88TBRS	12x12 Floor Tile & Building 88 Tan w/ Brown Streaks	M	YES	30 SF		Non-Friable			
Notes: Both the tile and mastic contain asbestos.										
Building 88 Floor 01 B102D	311 88BRPP	9x9 Floor Tile & Mastic Building 88 Brown w/ Pink Patches	M	YES	144 SF		Non-Friable			
Notes: Both the tile and mastic contain asbestos.										
Building 90 Floor 01 109	310 90WM	12x12 Floor Tile & Building 90 White Mottled	M	YES	110 SF		Non-Friable			
Notes: Located under the carpet. Only the black mastic contains asbestos, the tile is non-detect.										
Building 90 Floor 01 109	321 90GP	Caulk Building 90 Gray Penetration	M	YES	1 SF		Non-Friable			
Notes: Located in the north wall.										

Table 2 - Summary of Presumed Asbestos Containing Building Materials

Client Name: GDM

Project Number: P-0011150

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 113

Building Name Black Hills Health Care System

Building Address 1: 113 Camanche Road

Building Address 2:

City, State Zip: Fort Meade, SD 57741

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 113 Floor 01 192A	509 113BRF	Adhesive Building 113 Black Raised Floor	M	PRE	156 SF		Non-Friable		0	NA
Notes: Located in the south two thirds of Rm. 192A under raised wood flooring that could not be accessed without causing significant damage.										

Table 3 - Summary of Less Than 1% Asbestos Containing Building Materials

Client Name: GDM

Project Number: P-0011150

Project Manager: Bruce A. Boehm Carlson

Sample Set Name: 1

Building Number: 113

Building Name Black Hills Health Care System

Building Address 1: 113 Camanche Road

Building Address 2:

City, State Zip: Fort Meade, SD 57741

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 148	305	Sheetrock & Taping Compound	M	TR	240 SF		Friable		7	7
Floor 01	148WC	Building 148 Walls and Ceiling								
FTC1										
Notes: Located throughout the building. Point count result was 0.5% asbestos.										
Building 90	107	Decorative Wall Texture	S	TR	420 SF		Friable		7	7
Floor 01	90BPY	Building 90 Bumpy								
109										
Notes: The point count results were all 0.25% asbestos.										
Building T171	305	Sheetrock & Taping Compound	M	TR	60 SF		Friable		7	7
Floor 01	T171WC	Building T171 Walls and Ceiling								
100										
Notes: Located in Fl. 01 Rms. 100 (60 SF) and 101B (360 SF) for an approximate total of 420 SF. The point count results were 0.25% asbestos in both rooms.										
Building T171	305	Sheetrock & Taping Compound	M	TR	360 SF		Friable		7	7
Floor 01	T171WC	Building T171 Walls and Ceiling								
101B										
Notes: Located in Fl. 01 Rms. 100 (60 SF) and 101B (360 SF) for an approximate total of 420 SF. The point count results were 0.25% asbestos in both rooms.										

Table 4 - Summary of Non-Asbestos Containing Building Materials

Client Name: GDM
 Project Number: P-0011150
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 Sample Set Name: 1

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 Building Address 1: 113 Camanche Road
 Building Address 2:
 City, State Zip: Fort Meade, SD 57741

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability	Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 110 Floor 01 102	321 110G	Caulk Building 110 Gray	M	ND			Non-Friable				
Notes: Located throughout the building.											
Building 110 Floor 01 102	321 110W	Caulk Building 110 White	M	ND			Non-Friable				
Notes: Located throughout the building.											
Building 113 Basement B01	303 113PHF	2x4 Ceiling Tile Building 113 Pinhole Fissure	M	ND			Friable			7	7
Notes: Located throughout the building.											
Building 113 Basement B01	308 113LBR	Base Cove & Mastic Building 113 Light Brown	M	ND			Non-Friable				
Notes: Located throughout the building.											
Building 113 Basement B29	302 113W	2x2 Ceiling Tile Building 113 White	M	ND			Friable			7	7
Notes: Located throughout the building.											

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Building Number: 113
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Building Address 1: 113 Camanche Road
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City, State Zip: Fort Meade, SD 57741

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 113 Basement B29	308 1136BG	Base Cove & Mastic Building 113 6" Beige	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 113 Basement B29	310 113LGM	12x12 Floor Tile & Building 113 Light Gray Mottled	M	ND			Non-Friable			
Notes: Located in various rooms throughout the building.										
Building 113 Basement TCBA	312 113T	Mastic - Floor Tile Building 113 Tan	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 113 Floor 01 169	109 113WC	Plaster Building 113 Walls and Ceiling	S	ND			Friable		7	7
Notes: Located throughout the building.										
Building 113 Floor 01 169	302 113 PHC	2x2 Ceiling Tile Building 113 Pinhole Crater	M	ND			Friable		7	7
Notes: Located throughout the building.										

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Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 113 Floor 01 169	530 113BRB	Odd Sized Vinyl Floor Tile Building 113 Brown Board	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 113 Floor 01 169A	315 1131BL	Ceramic Tile Building 113 1" Blue	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 113 Floor 01 169A	315 113LY	Ceramic Tile Building 113 4" Light Yellow	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 113 Floor 01 192A	109 113WC	Plaster Building 113 Walls and Ceiling	S	ND			Friable		7	7
Notes: Located throughout the building.										
Building 113 Floor 01 192A	302 113WF	2x2 Ceiling Tile Building 113 White Fiber	M	ND			Friable		7	7
Notes: Located throughout the building.										

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Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 113 Floor 01 192A	309 113T	Mastic - Carpet Building 113 Tan	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 113 Floor 01 EC1C	104 113G	Spray Applied Fireproofing Building 113 Gray	S	ND			Friable		7	7
Notes: Located throughout the building.										
Building 113 Floor 01 EC1C	305 113WC	Sheetrock & Taping Compound Building 113 Walls and Ceiling	M	ND			Friable		7	7
Notes: Located throughout the building.										
Building 113 Floor 01 EC1C	321 113R	Caulk Building 113 Red	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 113 Floor 01 EC1E	310 113WBGB	12x12 Floor Tile & Building 113 White w/ Beige Blotches	M	ND			Non-Friable			
Notes: Located throughout the building.										

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Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability	Condition	Damage Potential: Water	Air	Vib	Acc	Cond Rating	AHERA Rating
Building 113 Floor 01 TC1A	109 113WC	Plaster Building 113 Walls and Ceiling	S	ND			Friable						7	7
Notes: Located throughout the building.														
Building 113 Floor 01 TC1A	309 113BR	Mastic - Carpet Building 113 Brown	M	ND			Non-Friable							
Notes: Located throughout the building.														
Building 113 Floor 01 TC1A	310 113GM	12x12 Floor Tile & Building 113 Gray Mottled	M	ND			Non-Friable							
Notes: Located throughout the building.														
Building 113 Floor 01 TC1A	315 1136BR	Ceramic Tile Building 113 6" Brown	M	ND			Non-Friable							
Notes: Located throughout the building.														
Building 113 Floor 01 TCS103	104 113W	Spray Applied Fireproofing Building 113 White	S	ND			Friable						7	7
Notes: Located throughout the building.														

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Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability	Condition	Damage Potential: Water	Air	Vib	Acc	Cond Rating	AHERA Rating
Building 113	305	Sheetrock & Taping Compound	M	ND			Friable						7	7
Floor 01	113WC	Building 113 Walls and Ceiling												
TCS103														
Notes: Located throughout the building.														
Building 113	308	Base Cove & Mastic	M	ND			Non-Friable							
Floor 01	1134BG	Building 113 4" Beige												
TCS103														
Notes: Located throughout the building.														
Building 113	310	12x12 Floor Tile &	M	ND			Non-Friable							
Floor 01	113TM	Building 113 Tan Mottled												
TCS103														
Notes: Located throughout the building.														
Building 113	310	12x12 Floor Tile &	M	ND			Non-Friable							
Floor 02	113PM	Building 113 Pink Mottled												
TC2A														
Notes: Located throughout the building.														
Building 113	321	Caulk	M	ND			Non-Friable							
Floor 02	113GP	Building 113 Gray Penetration												
TC2A														
Notes: Located throughout the building.														

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Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 137 Exterior 104	320 137T	Brick & Mortar Building 137 Tan	M	ND			Non-Friable			
Notes:										
Building 137 Exterior 104	321 137EW	Caulk Building 137 Exterior White	M	ND			Non-Friable			
Notes:										
Building 137 Floor 01 104	234 137W	Duct Insulation Building 137 White	T	ND			Friable		7	7
Notes:										
Building 137 Floor 01 104	321 137G	Caulk Building 137 Gray	M	ND			Non-Friable			
Notes:										
Building 145 Floor 01 122B	109 145WC	Plaster Building 145 Walls and Ceiling	S	ND			Friable		7	7
Notes: Located throughout the building.										

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Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 145 Floor 01 122B	315 1451MG	Ceramic Tile Building 145 1" Multi-Gray	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 145 Floor 01 122B	315 1454LY	Ceramic Tile Building 145 4" Light Yellow	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 145 Floor 01 132	109 145WC	Plaster Building 145 Walls and Ceiling	S	ND			Friable		7	7
Notes: Located throughout the building.										
Building 145 Floor 01 132	308 1456T	Base Cove & Mastic Building 145 6" Tan	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 145 Floor 01 132	321 145W	Caulk Building 145 White	M	ND			Non-Friable			
Notes: Located throughout the building.										

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Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 145 Floor 01 132	336 145T	Paper Building 145 Tan	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 145 Floor 01 137C	303 145PHF	2x4 Ceiling Tile Building 145 Pinhole Fissure	M	ND			Friable		7	7
Notes: Located throughout the building.										
Building 145 Floor 01 137C	308 1456G	Base Cove & Mastic Building 145 6" Gray	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 145 Floor 01 137C	321 145BP	Caulk Building 145 Black Penetration	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 145 Floor 01 137C	321 145HW	Caulk Building 145 Hard White	M	ND			Friable		7	7
Notes: Located throughout the building.										
Building 145 Floor 01 137C	509 145BR	Adhesive Building 145 Brown	M	ND			Non-Friable			
Notes: Located throughout the building.										

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Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 145 Floor 01 139B	236 145W	Vibration Joints Building 145 White	T	ND			Non-Friable			
Notes: Located throughout the building.										
Building 145 Floor 01 139B	303 145PHC	2x4 Ceiling Tile Building 145 Pinhole Crater	M	ND			Friable		7	7
Notes: Located throughout the building.										
Building 145 Floor 01 139B	308 1454G	Base Cove & Mastic Building 145 4" Gray	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 145 Floor 01 139B	310 145GWS	12x12 Floor Tile & Building 145 Gray w/ White Streaks	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 145 Floor 01 139B	321 145GD	Caulk Building 145 Gray Duct	M	ND			Non-Friable			
Notes: Located throughout the building.										

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Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 145 Floor 01 TC1A	109 145WC	Plaster Building 145 Walls and Ceiling	S	ND			Friable		7	7
Notes: Located throughout the building.										
Building 145 Floor 01 TC1A	305 145WC	Sheetrock & Taping Compound Building 145 Walls and Ceiling	M	ND			Friable		7	7
Notes: Located throughout the building.										
Building 145 Floor 01 TC1A	321 145R	Caulk Building 145 Red	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 145 Floor 02 229A	109 145WC	Plaster Building 145 Walls and Ceiling	S	ND			Friable		7	7
Notes: Located throughout the building.										
Building 145 Floor 02 229A	302 145PHF	2x2 Ceiling Tile Building 145 Pinhole Fissure	M	ND			Friable		7	7
Notes: Located throughout the building.										

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Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 145 Floor 02 229A	315 1456BR	Ceramic Tile Building 145 6" Brown	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 145 Floor 02 TC2A	109 145WC	Plaster Building 145 Walls and Ceiling	S	ND			Friable		7	7
Notes: Located throughout the building.										
Building 145 Floor 02 TC2A	321 145GP	Caulk Building 145 Gray Penetration	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 145 Floor 03 329	302 145PHC	2x2 Ceiling Tile Building 145 Pinhole Crater	M	ND			Friable		7	7
Notes: Located throughout the building.										
Building 145 Floor 03 329	308 1456BG	Base Cove & Mastic Building 145 6" Beige	M	ND			Non-Friable			
Notes: Located throughout the building.										

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Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 145 Floor 03 329	309 145BR	Mastic - Carpet Building 145 Brown	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 145 Floor 03 329	310 145W	12x12 Floor Tile & Building 145 White	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 146 Floor 01 117	109 146WC	Plaster Building 146 Walls and Ceiling	S	ND			Friable		7	7
Notes: Located throughout the building.										
Building 146 Floor 01 117	222 146HW	0-4" Fibrous Pipe Fittings Building 146 Hard White	T	ND	1 EA		Friable		7	7
Notes: Located throughout the building.										
Building 146 Floor 01 117	308 1466T	Base Cove & Mastic Building 146 6" Tan	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 146 Floor 01 117	321 146GP	Caulk Buildign 146 Gray Penetration	M	ND			Non-Friable			
Notes: Located throughout the building.										

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Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 146 Floor 01 117	321 146R	Caulk Building 146 Red	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 146 Floor 01 117	336 146T	Paper Building 146 Tan	M	ND			Friable		7	7
Notes: Located throughout the building.										
Building 146 Floor 01 117	530 14616T	Odd Sized Vinyl Floor Tile Building 146 16" Tan	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 147 Floor 01 109	303 147PHC	2x4 Ceiling Tile Building 147 Pinhole Crater	M	ND			Friable		7	7
Notes: Located throughout the building.										
Building 147 Floor 01 109	303 147PHD	2x4 Ceiling Tile Building 147 Pinhole Divot	M	ND			Friable		7	7
Notes: Located throughout the building.										
Building 147 Floor 01 109	308 1474G	Base Cove & Mastic Building 147 4" Gray	M	ND			Non-Friable			
Notes: Located throughout the building.										

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Building 147 Floor 01 109	309 147BR	Mastic - Carpet Building 147 Brown	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 147 Floor 01 109	321 147G	Caulk Building 147 Gray	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 148 Floor 01 A114A	109 148WC	Plaster Building 148 Walls and Ceiling	S	ND			Friable		7	7
Notes: Located throughout the building.										
Building 148 Floor 01 A114A	315 148LBRBS	Ceramic Tile Building 148 Light Brown w/ Black Specks	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 148 Floor 01 A114A	321 148W	Caulk Building 148 White	M	ND			Non-Friable			
Notes: Located throughout the building.										

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 Project Manager: Bruce A. Boehm Carlson
 Sample Set Name: 1

Building Number: 113
 Building Name Black Hills Health Care System
 Building Address 1: 113 Camanche Road
 Building Address 2:
 City, State Zip: Fort Meade, SD 57741

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 148 Floor 01 ATC2	109 148WC	Plaster Building 148 Walls and Ceiling	S	ND			Friable		7	7
Notes: Located throughout the building.										
Building 148 Floor 01 ATC2	315 1481Y	Ceramic Tile Building 148 1" Yellow	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 148 Floor 01 ATC2	315 1484W	Ceramic Tile Building 148 4" Yellow	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 148 Floor 01 ATC2	321 148R	Caulk Buildign 148 Red	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 148 Floor 01 C106A	302 148WF	2x2 Ceiling Tile Building 148 White Fiber	M	ND			Friable		7	7
Notes: Located throughout the building.										
Building 148 Floor 01 C106A	308 1484BL	Base Cove & Mastic Building 148 4" Blue	M	ND			Non-Friable			
Notes: Located throughout the building.										

Client Name: GDM
Project Number: P-0011150
Project Manager: Bruce A. Boehm Carlson
Sample Set Name: 1

Building Number: 113
Building Name Black Hills Health Care System
Building Address 1: 113 Camanche Road
Building Address 2:
City, State Zip: Fort Meade, SD 57741

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 148 Floor 01 CTC1	308 1484B	Base Cove & Mastic Building 148 4" Black	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 148 Floor 01 F108	310 148WTS	12x12 Floor Tile & Building 148 White w/ Tan Streaks	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 148 Floor 01 FTC1	303 148PHBW	2x4 Ceiling Tile Building 148 Pinhole Birdwing	M	ND			Friable		7	7
Notes: Located throughout the building.										
Building 148 Floor 01 FTC1	308 1484BR	Base Cove & Mastic Buildig 148 4" Brown	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 359 Floor 01 W. Garage Space	305 359WC	Sheetrock & Taping Compound Building 359 Walls and Ceiling	M	ND			Friable		7	7
Notes: Located throughout the building.										

Client Name: GDM
Project Number: P-0011150
Project Manager: Bruce A. Boehm Carlson
Sample Set Name: 1

Building Number: 113
Building Name Black Hills Health Care System
Building Address 1: 113 Camanche Road
Building Address 2:
City, State Zip: Fort Meade, SD 57741

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 40	305	Sheetrock & Taping Compound	M	ND			Friable		7	7
Floor 01	40WC	Building 40 Walls and Ceiling								
102										
Notes: Located throughout the building.										
Building 50	321	Caulk	M	ND			Non-Friable			
Basement	50W	Building 50 White								
B101										
Notes: Located throughout the building.										
Building 53	109	Plaster	S	ND			Friable		7	7
Basement	53WC	Building 53 Walls and Ceiling								
B108										
Notes: Located throughout the building.										
Building 53	303	2x4 Ceiling Tile	M	ND			Friable		7	7
Floor 01	53PHD	Building 53 Pinhole Divot								
112										
Notes: Located throughout the building. Only the ceiling tile was scheduled to be impacted so no other materials were tested.										
Building 88	305	Sheetrock & Taping Compound	M	ND			Friable		7	7
Floor 01	88WC	Building 88 Walls and Ceiling								
100A										
Notes: Located throughout the building.										

Client Name: GDM
 Project Number: P-0011150
 Project Manager: Bruce A. Boehm Carlson
 Sample Set Name: 1

Building Number: 113
 Building Name Black Hills Health Care System
 Building Address 1: 113 Camanche Road
 Building Address 2:
 City, State Zip: Fort Meade, SD 57741

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 88 Floor 01 100A	308 884B	Base Cove & Mastic Building 88 4" Black	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 88 Floor 01 100A	321 88R	Caulk Building 88 Red	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 89 Floor 02 200	251 89BR	Blown-in Insulation Building 89 Brown	T	ND			Friable		7	7
Notes: Located throughout the building.										
Building 90 Floor 01 109	305 90WC	Sheetrock & Taping Compound Building 90 Walls and Ceiling	M	ND			Friable		7	7
Notes: Located throughout the building.										
Building 90 Floor 01 109	308 904BG	Base Cove & Mastic Building 90 4" Beige	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 90 Floor 01 109	309 90T	Mastic - Carpet Building 90 Tan	M	ND			Non-Friable			
Notes: Located throughout the building.										

Client Name: GDM
 Project Number: P-0011150
 Project Manager: Bruce A. Boehm Carlson
 Sample Set Name: 1

Building Number: 113
 Building Name Black Hills Health Care System
 Building Address 1: 113 Camanche Road
 Building Address 2:
 City, State Zip: Fort Meade, SD 57741

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building T171 Floor 01 100	303 T171PHD	2x4 Ceiling Tile Building T171 Pinhole Divot	M	ND			Friable		7	7
Notes: Located throughout the building.										
Building T171 Floor 01 100	321 T171R	Caulk Building T171 Red	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building T171 Floor 01 101B	303 T171PHC	2x4 Ceiling Tile Building T171 Pinhole Crater	M	ND			Friable		7	7
Notes: Located throughout the building.										
Building T171 Floor 01 101B	308 T171T	Base Cove & Mastic Building T171 Tan	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building T171 Floor 01 101B	321 T171W	Caulk Building T171 White	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building T171 Floor 01 101B	530 T171T	Odd Sized Vinyl Floor Tile Building T171 Tan	M	ND			Non-Friable			
Notes: Located throughout the building.										

Client Name: GDM
Project Number: P-0011150
Project Manager: Bruce A. Boehm Carlson
Sample Set Name: 1

Building Number: 113
Building Name Black Hills Health Care System
Building Address 1: 113 Camanche Road
Building Address 2:
City, State Zip: Fort Meade, SD 57741

Area Location <u>Room Number</u>	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building T296 Exterior 101A	321 T296EW	Caulk Building T296 Exterior White	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building T296 Floor 01 101	305 T296WC	Sheetrock & Taping Compound Building T296 Walls and Ceiling	M	ND			Friable		7	7
Notes: Located throughout the building.										



Table 5
Summary of Lead Containing Paints/Coatings
Black Hills Healthcare System
Fort Meade, VA
AET Project No. P-0011150

Project: GDM - Fort Meade VA Black Hills Health Care System						By: Bruce A. Boehm Carlson				
Project No.: P-0011150						Date: March 22-24, 2022				
Shot	Building	Fl.	Rm.	Side/Location	Component	Substrate	Color	Reading (mg/cm ²)	Quantity	Result
18	145	2	TC2A	North	Wall	Terra Cotta Block	Tan	1.50	75 SF	Positive
25	145	3	TC3A	North	Wall	Terra Cotta Block	Tan	1.60	75 SF	Positive
75	T171	1	101B	South	Door/Door Frame	Wood	Tan	27.90	27 SF	Positive
80	46	BSMT	B101	West	Window	Wood	White	5.50	5 SF	Positive
96	50	BSMT	B101	NA	Ceiling	Wood	Gray	1.50	375 SF	Positive
105	53	BSMT	B108	North	Window	Wood	White	3.70	2 SF	Positive
117	T296	Exterior	Exterior	SW	Window Frame	Metal	White	1.50	2 SF	Positive
133	148	1	ATC2	East	4" Tile Base Cove	Ceramic	White	3.20	11 SF	Positive
221	113	1	169A	West	4" Wall Tile	Ceramic	Lt. Yellow	6.80	128 SF	Positive



Table 6
Summary of Non-Lead Containing Paints/Coatings
Black Hills Healthcare System
Fort Meade, VA
AET Project No. P-0011150

Project: GDM - Fort Meade VA Black Hills Health Care System						By: Bruce A. Boehm Carlson				
Project No.: P-0011150						Date: March 22-24, 2022				
Shot	Building	Fl.	Rm.	Side/Location	Component	Substrate	Color	Reading (mg/cm ²)	Quantity	Result
1			Calibration		Range <0.01	SRM 2570		0.00	NA	Pass
2			Calibration		1.04 ± 0.09	SRM 2573		1.00	NA	Pass
3			Calibration		3.58 ± 0.39	SRM 2571		3.60	NA	Pass
4	145	1	TC1A	South	Wall	Sheetrock	Cream	0.00	NA	Negative
5	145	1	TC1A	North	Wall	Terra Cotta Block	Lt. Green	0.80	NA	Negative
6	145	1	TC1A	North	Panel	Wood	Gray	0.01	NA	Negative
7	145	1	TC1A	North	Wall and Ceiling	Plaster	Lt. Tan	0.40	NA	Negative
8	145	1	TC1A	South	Door Frame	Metal	Army Green	0.00	NA	Negative
9	145	1	TC1A	South	Door	Wood	Med. Stain	0.00	NA	Negative
10	145	1	TC1A	South	Door Frame	Metal	Brown	0.00	NA	Negative
11	145	1	122B	Floor	1" Tile	Ceramic	Multi-Gray	0.00	NA	Negative
12	145	1	122B	North	4" Tile	Ceramic	Lt. Yellow	0.06	NA	Negative
13	145	1	122B	North	Wall	Plaster	White	0.00	NA	Negative
14	145	1	122B	South	Door Frame	Metal	Army Green	0.07	NA	Negative
15	145	1	122B	South	Door	Metal	Beige	0.00	NA	Negative
16	145	1	122B	North	Door	Metal	Cream	0.00	NA	Negative
17	145	1	122B	West	Heater	Metal	Cream	0.16	NA	Negative
19	145	2	TC2A	North	Wall	Plaster	White	0.01	NA	Negative
20	145	2	TC2A	North	Panel	Wood	Gray	0.00	NA	Negative
21	145	2	TC2A	South	Door Frame	Metal	Tan	0.02	NA	Negative
22	145	2	TC2A	South	Door Frame	Metal	Beige	0.00	NA	Negative
23	145	2	TC2A	South	Door	Wood	Med. Stain	0.00	NA	Negative
24	145	2	TC2A	West	Wall	Plaster	Yellow	0.01	NA	Negative
26	145	3	TC3A	West	Wall	Plaster	White	0.01	NA	Negative
27	145	3	TC3A	North	Panel	Wood	Gray	0.00	NA	Negative
28	145	3	TC3A	South	Door Frame	Metal	Blue	0.00	NA	Negative
29	145	3	TC3A	South	Door	Wood	Blonde	0.00	NA	Negative
30	145	3	TC3A	South	Door Frame	Metal	Beige	0.00	NA	Negative



Table 6
Summary of Non-Lead Containing Paints/Coatings
Black Hills Healthcare System
Fort Meade, VA
AET Project No. P-0011150

Project: GDM - Fort Meade VA Black Hills Health Care System						By: Bruce A. Boehm Carlson				
Project No.: P-0011150						Date: March 22-24, 2022				
Shot	Building	Fl.	Rm.	Side/Location	Component	Substrate	Color	Reading (mg/cm ²)	Quantity	Result
31	145	1	132	West	Wall	Terra Cotta Block	Gray	0.40	NA	Negative
32	145	1	132	South	Wall	Terra Cotta Block	Lt. Blue	0.17	NA	Negative
33	145	1	132	South	Wall	Plaster	Tan	0.60	NA	Negative
34	145	1	132	West	Door Frame	Metal	Cream	0.28	NA	Negative
35	145	1	132	West	Door	Metal	White	0.00	NA	Negative
36	145	1	132	NA	Ceiling Tile	Metal	White	0.01	NA	Negative
37	145	1	132	NA	Ceiling	Plaster	White	0.00	NA	Negative
38	145	1	132	West	Wall	Sheetrock	Lt. Blue	0.00	NA	Negative
39	145	1	132	North	Door	Metal	Dk. Blue	0.05	NA	Negative
40	145	1	132	East	Window Frame	Metal	Cream	0.00	NA	Negative
41	145	1	137C	East	Wall	Plaster	Tan	0.00	NA	Negative
42	145	1	137C	North	Wall	Sheetrock	Tan	0.00	NA	Negative
43	145	1	137C	North	Door Frame	Metal	Gray	0.01	NA	Negative
44	145	1	139B	North	Wall	Sheetrock	Cream	0.00	NA	Negative
45	145	1	139B	East	Wall	Concrete	Cream	0.00	NA	Negative
46	145	1	139B	North	Door	Metal	White	0.00	NA	Negative
47	145	1	139B	West	Door	Wood	Blonde	0.00	NA	Negative
48	145	1	139B	East	Panel	Wood	Gray	0.00	NA	Negative
49	145	2	229A	South	6" Tile Base Cove	Ceramic	Brown	0.60	NA	Negative
50	145	2	229A	South	Wall	Plaster	Cream	0.30	NA	Negative
51	145	3	329	West	Wall	Sheetrock	Cream	0.00	NA	Negative
52	145	3	329	East	Wall	Plaster	Cream	0.60	NA	Negative
53	145	3	329	East	Door Frame	Metal	Brown	0.00	NA	Negative
54	145	3	329	East	Door	Wood	Blonde	0.00	NA	Negative
55	89	2	200	West	Panel	Wood	Gray	0.00	NA	Negative
56	90	2	200	West	Panel	Wood	Gray	0.00	NA	Negative
57	90	1	109	East	Wall	Sheetrock	Cream	0.00	NA	Negative
58	90	1	109	North	Window Trim	Wood	White	0.00	NA	Negative



Table 6
Summary of Non-Lead Containing Paints/Coatings
Black Hills Healthcare System
Fort Meade, VA
AET Project No. P-0011150

Project: GDM - Fort Meade VA Black Hills Health Care System						By: Bruce A. Boehm Carlson				
Project No.: P-0011150						Date: March 22-24, 2022				
Shot	Building	Fl.	Rm.	Side/Location	Component	Substrate	Color	Reading (mg/cm ²)	Quantity	Result
59	90	1	109	North	Window Sash	Wood	White	0.00	NA	Negative
60	90	1	109	East	Door/Door Frame	Wood	Blonde	0.00	NA	Negative
61	88	1	100A	West	Panel	Wood	Gray	0.00	NA	Negative
62	88	1	100A	West	Wall	Sheetrock	White	0.00	NA	Negative
63	88	1	100A	East	Door/Door Frame	Metal	Brown	0.00	NA	Negative
64	88	1	B102D	East	Wall	Sheetrock	White	0.00	NA	Negative
65	88	1	B102D	East	Wall	Wood	White	0.00	NA	Negative
66	88	1	B102D	NA	Ceiling	Wood	Cream	0.01	NA	Negative
67	88	1	B102D	North	Window Trim	Wood	White	0.40	NA	Negative
68	88	1	B102D	North	Window Sash	Wood	White	0.11	NA	Negative
69	85	1	100A	South	Wall	Sheetrock	Cream	0.00	NA	Negative
70	359	1	W. Garage	West	Wall	Concrete	Tan	0.00	NA	Negative
71	T171	1	100	East	Wall	Sheetrock	White	0.00	NA	Negative
72	T171	1	100	East	Panel	Wood	Gray	0.00	NA	Negative
73	T171	1	101B	East	Wall	Sheetrock	Tan	0.06	NA	Negative
74	T171	1	101B	NA	Pipe	Metal	Tan	0.07	NA	Negative
76	T171	1	101B	North	Trim	Wood	Tan	0.02	NA	Negative
77	T171	1	101B	North	Window Trim	Wood	White	0.00	NA	Negative
78	T171	1	101B	North	Window Sash	Wood	White	0.00	NA	Negative
79	46	BSMT	B101	West	Wall	Concrete	White	0.00	NA	Negative
81	46	BSMT	B101	NA	Ceiling	Wood	White	0.01	NA	Negative
82	46	BSMT	B101	West	Panel	Wood	Gray	0.00	NA	Negative
83	40	1	102	West	Wall	Sheetrock	Lt. Tan	0.00	NA	Negative
84	40	1	102	South	Wall	Sheetrock	Tan	0.00	NA	Negative
85	40	1	102	South	Panel	Wood	Gray	0.00	NA	Negative
86	40	1	102A	East	Wall	Sheetrock	Blue	0.00	NA	Negative
87	40	1	102A	NA	Floor	Concrete	Gray	0.00	NA	Negative
88	40	1	102A	South	Wall	Brick	Lt. Gray	0.00	NA	Negative



Table 6
Summary of Non-Lead Containing Paints/Coatings
Black Hills Healthcare System
Fort Meade, VA
AET Project No. P-0011150

Project: GDM - Fort Meade VA Black Hills Health Care System						By: Bruce A. Boehm Carlson				
Project No.: P-0011150						Date: March 22-24, 2022				
Shot	Building	Fl.	Rm.	Side/Location	Component	Substrate	Color	Reading (mg/cm ²)	Quantity	Result
89	40	1	102A	East	Wall	Sheetrock	White	0.04	NA	Negative
90	110	1	102	East	Wall	Concrete	Lt. Green	0.00	NA	Negative
91	110	1	102	West	Wall	Wood	Lt. Green	0.01	NA	Negative
92	110	1	102	NA	Ceiling	Wood	White	0.01	NA	Negative
93	110	1	102	South	Door	Wood	White	0.01	NA	Negative
94	110	1	102	NA	Floor	Concrete	Gray	0.14	NA	Negative
95	50	BSMT	B101	North	Panel	Wood	Gray	0.00	NA	Negative
97	146	1	117	NA	Ceiling	Plaster	Cream	0.00	NA	Negative
98	146	1	117	East	Wall	Plaster	Tan	0.00	NA	Negative
99	146	1	117	South	Door/Door Frame	Metal	Cream	0.00	NA	Negative
100	146	1	117	North	Panel	Wood	Gray	0.00	NA	Negative
101	146	1	108	North	Wall	Concrete	Tan	0.04	NA	Negative
102	146	1	108	North	Door/Door Frame	Metal	White	0.00	NA	Negative
103	53	Attic	TB2A	North	Panel	Wood	Gray	0.00	NA	Negative
104	53	BSMT	B108	North	Wall	Plaster	White	0.40	NA	Negative
106	53	BSMT	B108	West	Panel	Wood	Gray	0.00	NA	Negative
107	53	BSMT	B108	South	Panel	Wood	Dk. Stain	0.00	NA	Negative
108	53	BSMT	B108	South	Door	Wood	Blonde	0.00	NA	Negative
109	53	BSMT	B108	South	Door Frame	Wood	White	0.00	NA	Negative
110	53	BSMT	B108	North	Wall	Plaster	Gray	0.08	NA	Negative
111	53	BSMT	B108	NA	Floor	Concrete	Gray	0.14	NA	Negative
112	53	1	112	South	Wall	Plaster	Cream	0.00	NA	Negative
113	T296	1	101	NW	Wall	Sheetrock	White	0.00	NA	Negative
114	T296	1	101	SW	Panel	Wood	Gray	0.00	NA	Negative
115	T296	Exterior	Exterior	SW	Foundation	Concrete	Red	0.00	NA	Negative
116	T296	Exterior	Exterior	SW	Wall	Wood	White	0.14	NA	Negative
118			Calibration		Range <0.01	SRM 2570		0.00	NA	Pass
119			Calibration		1.53 ± 0.09	SRM 2572		1.50	NA	Pass



Table 6
Summary of Non-Lead Containing Paints/Coatings
Black Hills Healthcare System
Fort Meade, VA
AET Project No. P-0011150

Project: GDM - Fort Meade VA Black Hills Health Care System						By: Bruce A. Boehm Carlson				
Project No.: P-0011150						Date: March 22-24, 2022				
Shot	Building	Fl.	Rm.	Side/Location	Component	Substrate	Color	Reading (mg/cm ²)	Quantity	Result
120			Calibration		3.58 ± 0.39	SRM 2571		3.60	NA	Pass
121	137	1	104	NA	Floor	Concrete	Lt. Gray	0.00	NA	Negative
122	137	1	104	North	Wall	Concrete	White	0.00	NA	Negative
123	137	1	104	North	Duct	Fiberglass	Cream	0.00	NA	Negative
124	137	1	104	East	Pipe Insulation	Fiberglass	Purple	0.00	NA	Negative
125	137	1	104	NA	Ceiling	Metal	Lt. Gray	0.00	NA	Negative
126	137	1	104	North	Door/Door Frame	Metal	Cream	0.00	NA	Negative
127	137	1	100	North	Panel	Wood	Gray	0.00	NA	Negative
128	137	1	100	North	Wall	Terra Cotta Block	Tan	0.90	NA	Negative
129	147	1	109	North	Wall	Concrete	White	0.00	NA	Negative
130	147	1	109	West	Door/Door Frame	Metal	Gray	0.00	NA	Negative
131	147	1	109	South	Panel	Wood	Gray	0.00	NA	Negative
132	148	1	ATC2	NA	1" Tile Floor	Ceramic	Yellow	0.00	NA	Negative
134	148	1	ATC2	East	Wall	Plaster	Cream	0.00	NA	Negative
135	148	1	ATC2	West	Panel	Wood	Gray	0.00	NA	Negative
136	148	1	ATC2	East	Door Frame	Metal	Cream	0.03	NA	Negative
137	148	1	ATC2	East	Door	Wood	Blonde	0.01	NA	Negative
138	148	1	ATC2	East	Door Frame	Metal	Beige	0.00	NA	Negative
139	148	1	FTC1	West	Wall	Sheetrock	Cream	0.06	NA	Negative
140	148	1	FTC1	East	Door Frame	Metal	Cream	0.00	NA	Negative
141	148	1	FTC1	East	Door	Wood	Blonde	0.00	NA	Negative
142	148	1	FTC1	West	Panel	Wood	Gray	0.00	NA	Negative
143	148	1	FTC1	NA	Floor	Concrete	Gray	0.05	NA	Negative
144	148	1	F108	North	Wall	Sheetrock	White	0.00	NA	Negative
145	148	1	F108	East	Door Frame	Metal	White	0.00	NA	Negative
146	148	1	F108	East	Door Frame	Metal	Beige	0.00	NA	Negative
147	148	1	F108	East	Door	Wood	Blonde	0.00	NA	Negative
148	148	1	CTC1	NA	Floor	Concrete	Gray	0.04	NA	Negative



Table 6
Summary of Non-Lead Containing Paints/Coatings
Black Hills Healthcare System
Fort Meade, VA
AET Project No. P-0011150

Project: GDM - Fort Meade VA Black Hills Health Care System						By: Bruce A. Boehm Carlson				
Project No.: P-0011150						Date: March 22-24, 2022				
Shot	Building	Fl.	Rm.	Side/Location	Component	Substrate	Color	Reading (mg/cm ²)	Quantity	Result
149	148	1	CTC1	West	Panel	Wood	Lt. Gray	0.00	NA	Negative
150	148	1	CTC1	West	Panel	Wood	Gray	0.00	NA	Negative
151	148	1	CTC1	West	Wall	Sheetrock	Cream	0.01	NA	Negative
152	148	1	CTC1	East	Door Frame	Metal	Cream	0.10	NA	Negative
153	148	1	CTC1	East	Door Frame	Metal	Beige	0.01	NA	Negative
154	148	1	CTC1	East	Door	Wood	Blonde	0.00	NA	Negative
155	148	1	C106A	North	Wall	Sheetrock	Tan	0.00	NA	Negative
156	148	1	C106A	North	Door Frame	Metal	Tan	0.00	NA	Negative
157	148	1	C106A	North	Door	Wood	Blonde	0.00	NA	Negative
158	148	1	A114A	West	Wall	Plaster	Brown/White	0.01	NA	Negative
159	148	1	A114A	South	Wall	Sheetrock	Brown/White	0.01	NA	Negative
160	148	1	A114A	NA	Ceiling	Sheetrock	White	0.01	NA	Negative
161	148	1	A114A	West	Door Frame	Metal	White	0.04	NA	Negative
162	148	1	A114A	South	Door Frame	Metal	Beige	0.03	NA	Negative
163	148	1	A114A	South	Door	Metal	White	0.03	NA	Negative
164	148	1	A114A	South	Door	Metal	Beige	0.03	NA	Negative
165	148	1	A114A	West	Door	Metal	Cream	0.01	NA	Negative
166	148	1	A114A	NA	6" Floor Tile	Ceramic	Brown	0.00	NA	Negative
167	113	1	EC1C	West	Wall	Sheetrock	Cream	0.00	NA	Negative
168	113	1	EC1C	North	Panel	Wood	Gray	0.00	NA	Negative
169	113	1	EC1C	South	Door Frame	Metal	Cream	0.00	NA	Negative
170	113	1	EC1C	South	Door Frame	Metal	Beige	0.00	NA	Negative
171	113	1	EC1C	South	Door	Wood	Blonde	0.00	NA	Negative
172	113	1	EC1C	NA	Duct	Metal	Cream	0.00	NA	Negative
173	113	1	TC1A	West	Wall	Plaster	White	0.00	NA	Negative
174	113	1	TC1A	NA	6" Floor Tile	Ceramic	Brown	0.00	NA	Negative
175	113	1	TC1A	South	Panel	Wood	Gray	0.00	NA	Negative
176	113	1	TC1A	North	Door Frame	Metal	Cream	0.00	NA	Negative



Table 6
Summary of Non-Lead Containing Paints/Coatings
Black Hills Healthcare System
Fort Meade, VA
AET Project No. P-0011150

Project: GDM - Fort Meade VA Black Hills Health Care System						By: Bruce A. Boehm Carlson				
Project No.: P-0011150						Date: March 22-24, 2022				
Shot	Building	Fl.	Rm.	Side/Location	Component	Substrate	Color	Reading (mg/cm ²)	Quantity	Result
177	113	1	TC1A	North	Door Frame	Metal	Beige	0.00	NA	Negative
178	113	1	TC1A	North	Door	Wood	Blonde	0.00	NA	Negative
179	113	1	EC1F	North	Wall	Plaster	Cream	0.00	NA	Negative
180	113	1	EC1F	West	Panel	Wood	Gray	0.01	NA	Negative
181	113	1	EC1F	East	Door Frame	Metal	Peach	0.00	NA	Negative
182	113	1	EC1F	East	Door Frame	Metal	Beige	0.00	NA	Negative
183	113	1	EC1F	East	Door	Wood	Blonde	0.00	NA	Negative
184	113	1	TCS103	East	Wall	Sheetrock	Cream	0.00	NA	Negative
185	113	1	TCS103	South	Panel	Wood	Gray	0.00	NA	Negative
186	113	1	TCS103	North	Door Frame	Metal	Beige	0.00	NA	Negative
187	113	1	TCS103	North	Door	Wood	Blonde	0.00	NA	Negative
188	113	1	TCBA	North	Wall	Sheetrock	White	0.00	NA	Negative
189	113	1	TCBA	West	Panel	Wood	Lt. Gray	0.00	NA	Negative
190	113	1	TCBA	East	Door Frame	Metal	Cream	0.00	NA	Negative
191	113	1	TCBA	East	Door	Wood	Blonde	0.00	NA	Negative
192	113	2	TC2A	West	Panel	Wood	Gray	0.00	NA	Negative
193	113	2	TC2A	North	Wall	Sheetrock	Lt. Green	0.00	NA	Negative
194	113	2	TC2A	South	Wall	Concrete	Lt. Green	0.00	NA	Negative
195	113	2	TC2A	East	Door Frame	Metal	Cream	0.00	NA	Negative
196	113	2	TC2A	East	Door	Wood	Cream	0.00	NA	Negative
197	113	BSMT	B29	East	Wall	Sheetrock	Cream	0.00	NA	Negative
198	113	BSMT	B29	NA	Ceiling	Sheetrock	White	0.00	NA	Negative
199	113	BSMT	B29	West	Wall	Concrete	Cream	0.04	NA	Negative
200	113	BSMT	B29	West	Door	Wood	Med. Stain	0.00	NA	Negative
201	113	BSMT	B29	West	Door Frame	Metal	White	0.16	NA	Negative
202	113	1	EC1E	North	Wall	Sheetrock	Cream	0.00	NA	Negative
203	113	1	EC1E	East	Door Frame	Metal	Beige	0.00	NA	Negative
204	113	1	EC1E	East	Door	Wood	Blonde	0.00	NA	Negative



Table 6
Summary of Non-Lead Containing Paints/Coatings
Black Hills Healthcare System
Fort Meade, VA
AET Project No. P-0011150

Project: GDM - Fort Meade VA Black Hills Health Care System						By: Bruce A. Boehm Carlson				
Project No.: P-0011150						Date: March 22-24, 2022				
Shot	Building	Fl.	Rm.	Side/Location	Component	Substrate	Color	Reading (mg/cm ²)	Quantity	Result
205	113	1	EC1E	West	Panel	Wood	Gray	0.00	NA	Negative
206	113	1	192/192A	South	Wall	Sheetrock	Lt. Green	0.00	NA	Negative
207	113	1	192/192A	North	Wall	Plaster	Lt. Green	0.00	NA	Negative
208	113	1	192/192A	North	Door Frame	Metal	Beige	0.00	NA	Negative
209	113	1	192/192A	North	Door	Wood	Blonde	0.00	NA	Negative
210	113	1	192/192A	East	Wall	Sheetrock	Lt. Blue	0.00	NA	Negative
211	113	BSMT	B01	West	Wall	Concrete	Cream	0.00	NA	Negative
212	113	BSMT	B01	East	Wall	Plaster	Cream	0.00	NA	Negative
213	113	BSMT	B01	North	Wall	Sheetrock	Cream	0.00	NA	Negative
214	113	BSMT	B01	East	Door Frame	Metal	Cream	0.03	NA	Negative
215	113	BSMT	B01	East	Door	Wood	Blonde	0.00	NA	Negative
216	113	1	169	East	Wall	Plaster	Tan	0.30	NA	Negative
217	113	1	169	North	Door Frame	Metal	Tan	0.70	NA	Negative
218	113	1	169	North	Door	Wood	Blonde	0.00	NA	Negative
219	113	1	169	North	Door Frame	Metal	Beige	0.00	NA	Negative
220	113	1	169A	NA	1" Floor Tile	Ceramic	Blue	0.00	NA	Negative
222	113	1	169A	West	Wall	Plaster	Tan	0.03	NA	Negative
223	113	1	169A	North	Door	Wood	Blonde	0.00	NA	Negative

Figures

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BM 360121112_VA Medical Center - F1 Meade SD21112_Bldg 88_L20.rvt

DEMOLITION LEGEND

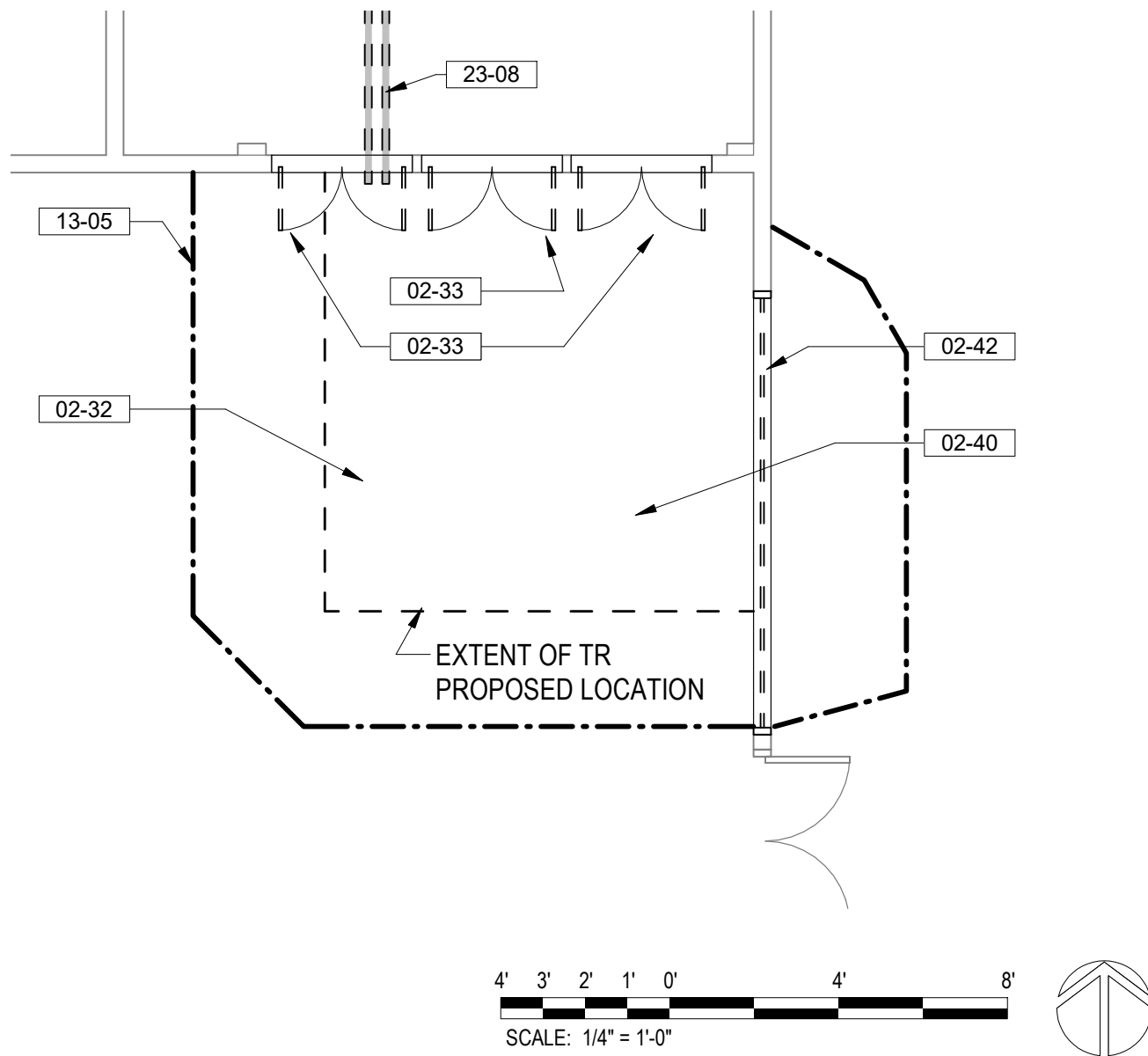
- INDICATES BUILT ITEM TO BE REMOVED
- INDICATES LIGHT FIXTURE TO BE REMOVED
- INDICATES EXTENT OF ICRA CLASS SCOPE
- CABLE INSTALLATION ROUTE, FIELD VERIFY CONDITIONS PRIOR TO COMMENCEMENT OF WORK, SEE TELECOMM DRAWINGS FOR EXTENT OF WORK

DEMOLITION GENERAL NOTES

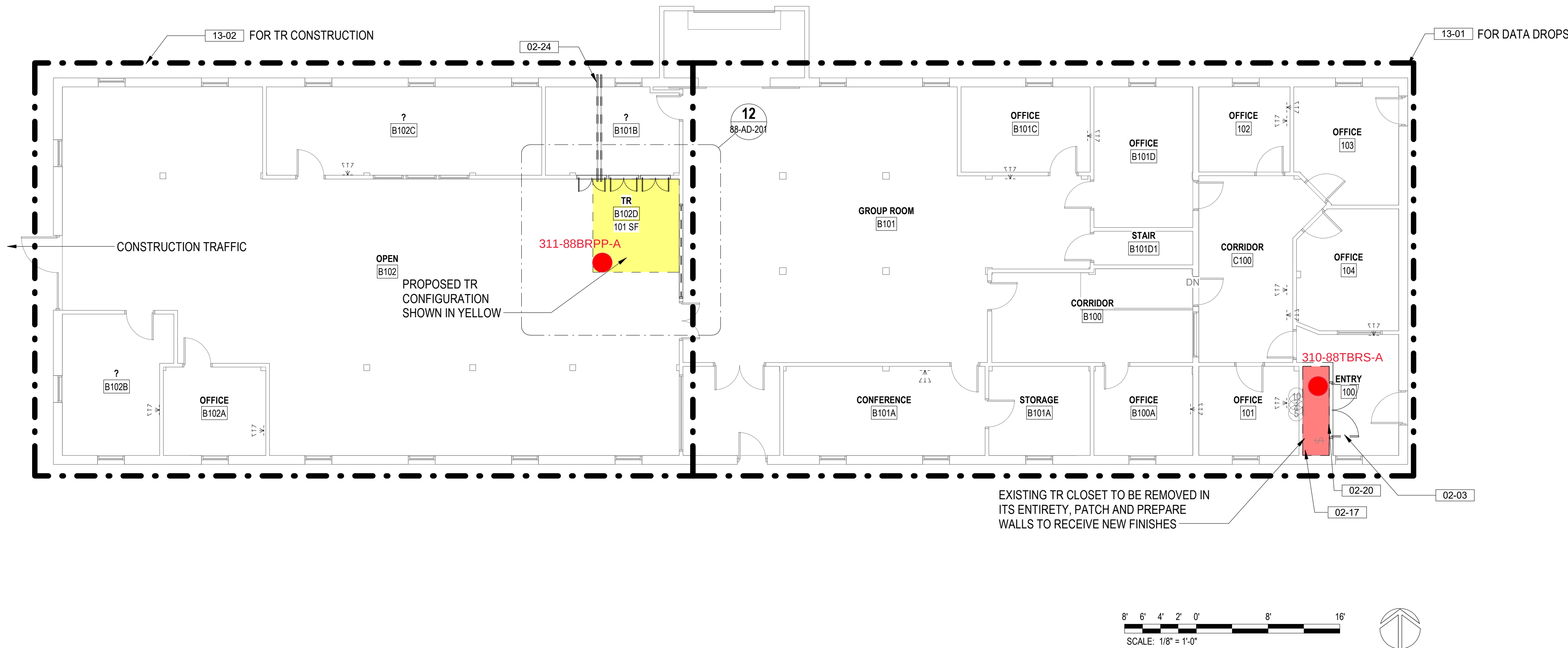
- REFER TO G SERIES FOR DEMOLITION NOTES & HAZARDOUS MATERIAL NOTES

KEYNOTES

- 02-03 CAREFULLY REMOVE EXISTING DOOR, FRAME AND HARDWARE, RETURN TO OWNER
- 02-17 PATCH/REPAIR ALL WALL DAMAGE TO UNDERSIDE OF STRUCTURAL DECK AND PREPARE FOR NEW FINISHES IF SPECIFIED, TYP. EXTEND WALL TO DECK F NOT IN PLACE. PATCH FIRE RATED WALLS WITH APPROPRIATE FIRE RATED SYSTEMS TO MAINTAIN EXISTING WALL INTEGRITY
- 02-20 DEMO FLOOR & FLOOR BASE, PATCH WALLS, PREPARE FOR NEW FINISHES
- 02-24 CORE DRILL THROUGH MASONRY WALL AS REQUIRED, PROVIDE OPENING 1/2" LARGER THAN CONDUIT SIZE, SEE MECHANICAL AND/OR TELECOM DRAWINGS FOR CONDUIT SIZE AND QUANTITIES. PATCH AND SEAL ALL NEW PENETRATIONS, APPLY APPROPRIATE MULTI-FIRE RATED SEAL FOR TYPE OF PENETRATION AT RATED WALL CONDITION.
- 02-32 INSTALL SELF-LEVELING COMPOUND FULL EXTENT OF FLOORING REMOVAL, PREPARE TO RECEIVE NEW FINISHES IN TR ROOM, SEAL OTHERWISE
- 02-33 DEMO EXISTING BUILT-IN CABINETS IN THEIR ENTIRETY, INFILL WITH 3/8" METAL STUDS AND 5/8" TYPE "X" GYPSUM BOARD, SPACKLE AS REQUIRED TO ACHIEVE A UNIFORM SMOOTH APPEARANCE, PREPARE TO RECEIVE NEW FINISHES.
- 02-40 FLOORING IS SUSPECT TO BE ASBESTOS CONTAINING MATERIAL, FOLLOW INDUSTRIAL HYGIENIST AND ABATEMENT PROTOCOLS AS PER ACM REPORT.
- 02-42 DEMO EXISTING WINDOW AND PERIMETER TRIM, INFILL WITH METAL STUDS AND 5/8" TYPE "X" GYPSUM AS REQUIRED TO MATCH EXISTING WALL THICKNESS, PREPARE TO RECEIVE NEW FINISHES.
- 13-01 ICRA CLASS II, SEE SPECS FOR WORKING HOURS RESTRICTIONS
- 13-02 ICRA CLASS III, SEE SPECS FOR WORKING HOURS RESTRICTIONS
- 13-05 INFECTION PREVENTION, FIRE RATED, 6MM PLASTIC BARRIER SEALED TOP, BOTTOM, AND SIDES, PROVIDE VESTIBULE AREA FOR GOWNING / UNDOING AND NEGATIVE PRESSURE WITHIN CONSTRUCTION AREA IN ICRA CLASS IV, SEE SPECS FOR OTHER ICRA CONSTRUCTION REQUIREMENTS
- 23-08 NEW REFRIGERANT PIPE LINES ROUTING SHOWN FOR REFERENCE ONLY, SEE MECHANICAL DRAWINGS FOR ACTUAL ROUTING, CONTRACTOR TO REMOVE CEILING TILES ALONG ROUTE OUTSIDE OF TRS AND REPLACE WITHIN WORKING SHIFT, CONDUCT INFECTION PREVENTION MEASURES AS SPECIFIED



12 88 - LEVEL 1 ENLARGED DEMOLITION PLAN
1/4" = 1'-0"

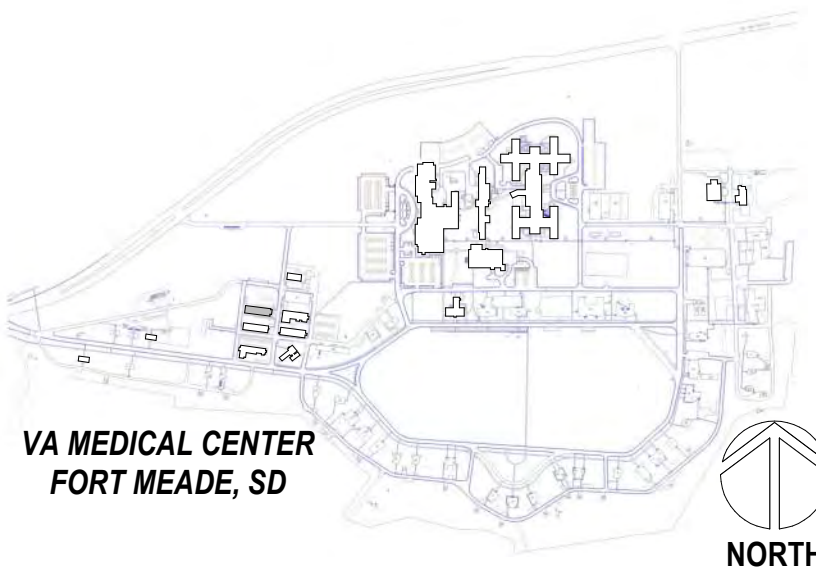


2 88 - LEVEL 1 DEMOLITION FLOOR PLAN
1/8" = 1'-0"

ROOM ALLOCATION LEGEND

- PROPOSED NEW CABINET / TR / MCR LOCATION
- PROPOSED EXPANSION TO TR
- EXISTING TR WITH POWER AND FIBER UPGRADES, SEE TELECOMM AND ELECTRICAL DRAWINGS
- ABANDONED ROOM
- ROOM TO REMAIN, NO WORK
- REMODEL REQUIRED DUE TO EHRM IMPACT

PROJECT KEY PLAN



Revisions: Date:		CONSULTANT A/E: GDM 1000 W STEUBEN ST. UNIT 3 BINGEN, WA 98605 541.436.4723 ADAM GOODIN, PE GDM ARCHITECTS • ENGINEERS		ARCHITECT/ENGINEER OF RECORD ARCHITECT A&E DESIGN 124 NORTH 29TH STREET, #100 BILLINGS, MONTANA 59101 406.248.2633 T. MARCELLO PIERROTTET, AIA a&e		STAMP	PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC) VA U.S. Department of Veterans Affairs		DRAWING TITLE 88-DEMOLITION FLOOR PLANS APPROVED: Project Director		PHASE 95% CD FLS FULLY SPRINKLERED		PROJECT TITLE EHRM INFRASTRUCTURE UPGRADES LOCATION FORT MEADE, SOUTH DAKOTA ISSUE DATE 03/08/2022 CHECKED BY TMP DRAWN BY JPR		PROJECT NUMBER 568-21-701 BUILDING NUMBER BLDG 88 DRAWING NUMBER 88-AD-201	
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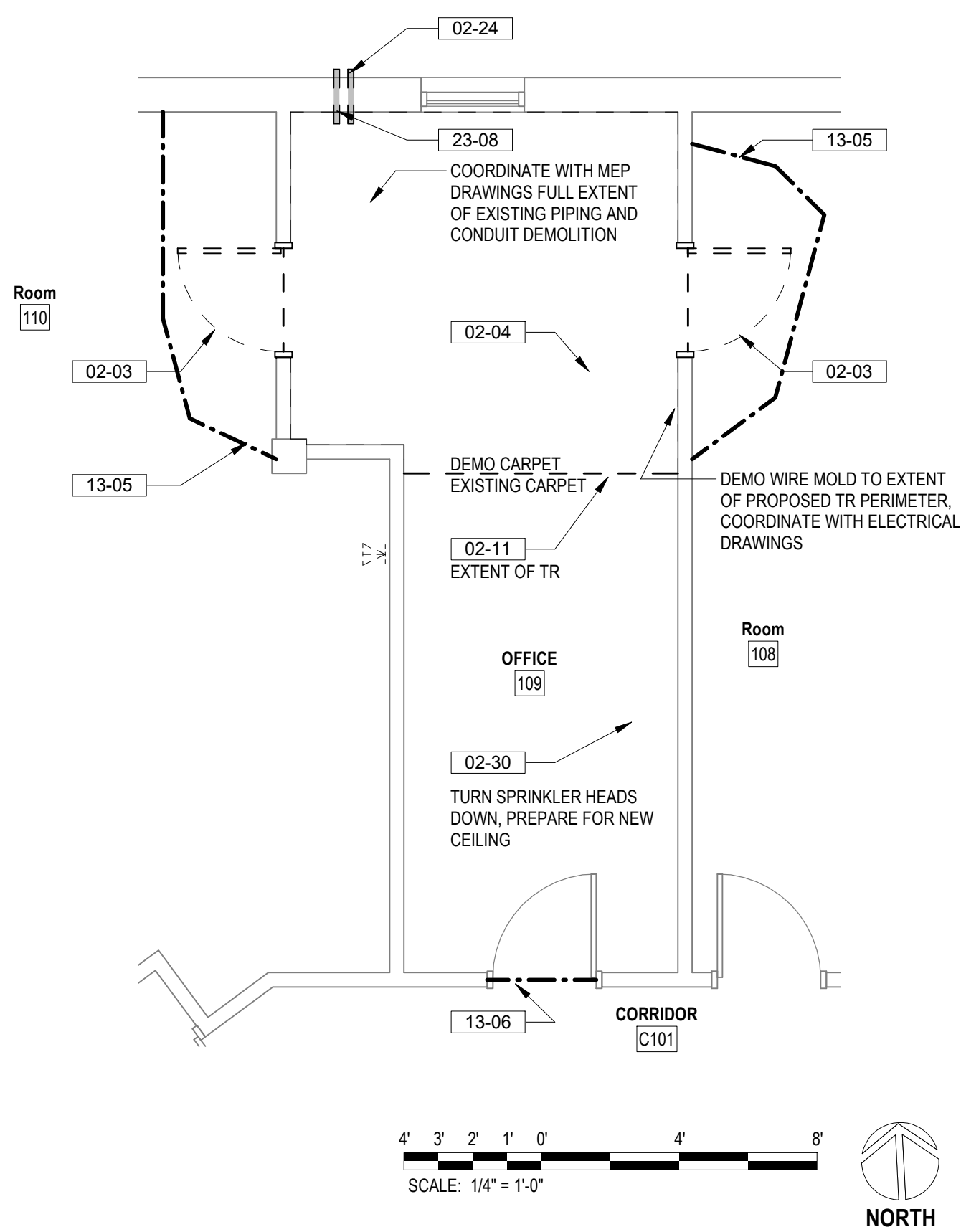
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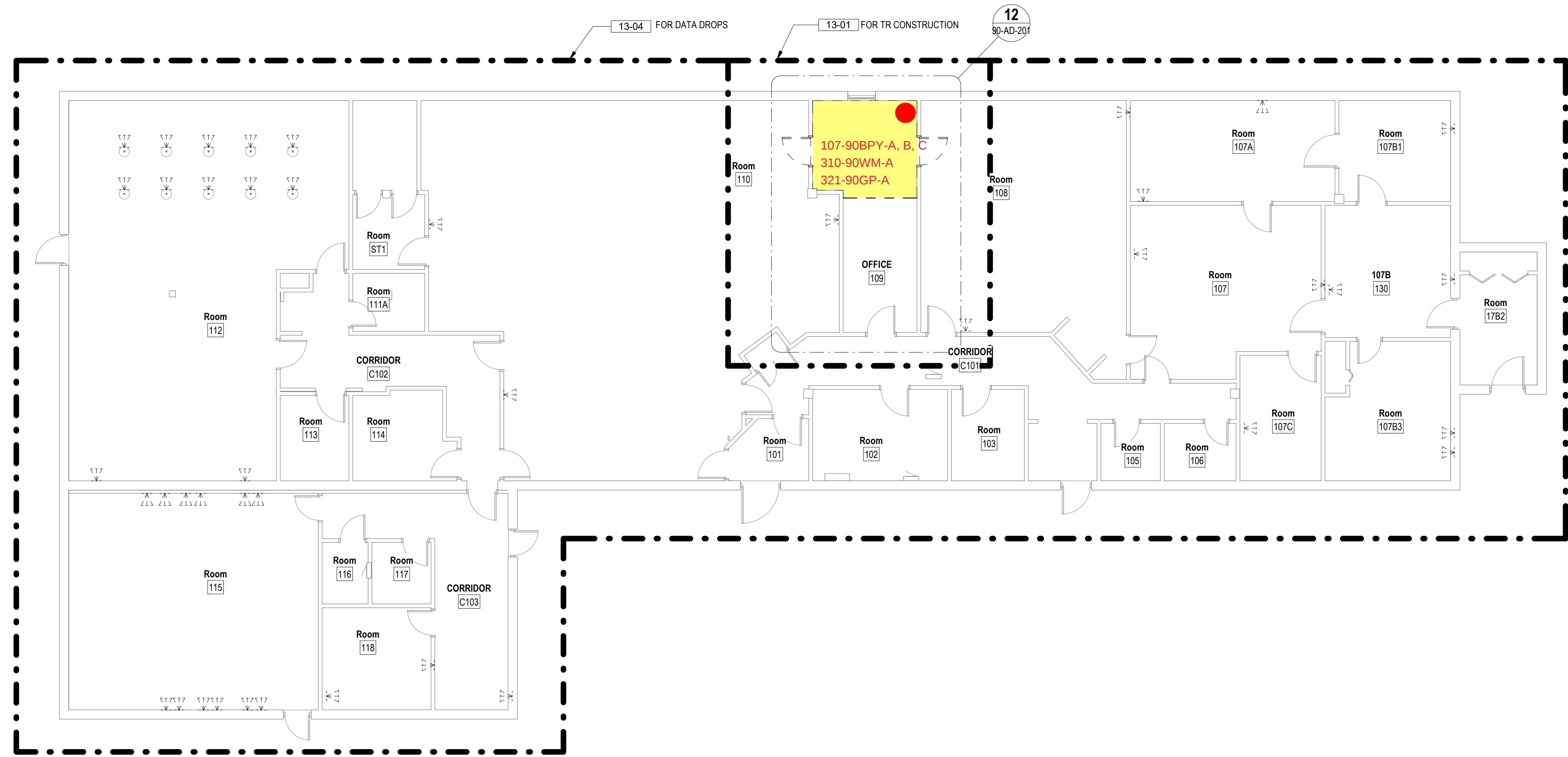
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12 90 - LEVEL 1 ENLARGED DEMOLITION PLAN
1/4" = 1'-0"



2 90 - LEVEL 1 DEMOLITION FLOOR PLAN
1/8" = 1'-0"

DEMOLITION LEGEND

- INDICATES BUILT ITEM TO BE REMOVED
- INDICATES LIGHT FIXTURE TO BE REMOVED
- INDICATES EXTENT OF ICRA CLASS SCOPE
- CABLE INSTALLATION ROUTE, FIELD VERIFY CONDITIONS PRIOR TO COMMENCEMENT OF WORK, SEE TELECOMM DRAWINGS FOR EXTENT OF WORK

DEMOLITION GENERAL NOTES

- REFER TO G SERIES FOR DEMOLITION NOTES & HAZARDOUS MATERIAL NOTES

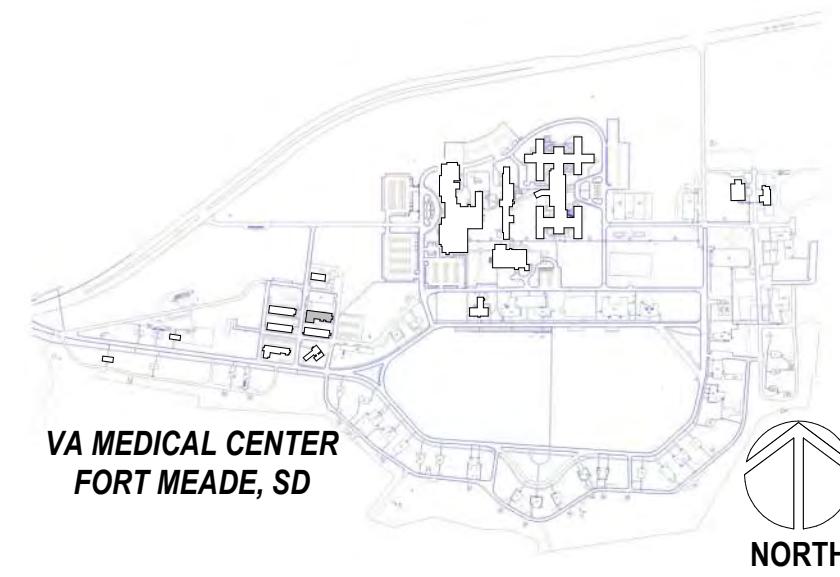
KEYNOTES

- 02-03 CAREFULLY REMOVE EXISTING DOOR, FRAME AND HARDWARE, RETURN TO OWNER
- 02-04 DEMO CARPET, BASE, AND ADHESIVES; PREPARE FLOOR FOR NEW STATIC DISSIPATIVE RESILIENT FLOORING AND BASE
- 02-11 EXTENT OF DEMOLITION WORK SHOWN DASHED
- 02-24 CORE DRILL THROUGH MASONRY WALL AS REQUIRED, PROVIDE OPENING 1/2" LARGER THAN CONDUIT SIZE, SEE MECHANICAL AND/OR TELECOM DRAWINGS FOR CONDUIT SIZE AND QUANTITIES; PATCH AND SEAL ALL NEW PENETRATIONS, APPLY APPROPRIATE HILTI FIRE RATED SEAL FOR TYPE OF PENETRATION AT RATED WALL CONDITION
- 02-30 DEMO EXISTING CEILING TILE, LIGHT FIXTURES AND ANY CEILING MOUNTED DEVICES; REMOVE EXISTING SPRINKLER HEADS AND TURN UP DISCHARGE PIPE, PROVIDE NEW FIRE SUPPRESSION HEADS AT EXPOSED CONDITIONS
- 13-01 ICRA CLASS II, SEE SPECS FOR WORKING HOURS RESTRICTIONS
- 13-04 ICRA CLASS I, SEE SPECS FOR WORKING HOURS RESTRICTIONS
- 13-05 INFECTION PREVENTION, FIRE RATED, 6MM PLASTIC BARRIER SEALED TOP, BOTTOM, AND SIDES, PROVIDE VESTIBULE AREA FOR GOWNING / UNGOWNING AND NEGATIVE PRESSURE WITHIN CONSTRUCTION AREA IN ICRA CLASS IV, SEE SPECS FOR OTHER ICRA CONSTRUCTION REQUIREMENTS
- 13-06 SEAL PERIMETER OF DOOR TO MAINTAIN NEGATIVE PRESSURE WITHIN CONSTRUCTION AREA; PROTECT FINISH DURING CONSTRUCTION
- 23-08 NEW REFRIGERANT PIPE LINES ROUTING SHOWN FOR REFERENCE ONLY, SEE MECHANICAL DRAWINGS FOR ACTUAL ROUTING, CONTRACTOR TO REMOVE CEILING TILES ALONG ROUTE OUTSIDE OF TRS AND REPLACE WITHIN WORKING SHIFT, CONDUCT INFECTION PREVENTION MEASURES AS SPECIFIED

ROOM ALLOCATION LEGEND

- PROPOSED NEW CABINET / TR / MCR LOCATION
- PROPOSED EXPANSION TO TR
- EXISTING TR WITH POWER AND FIBER UPGRADES, SEE TELECOMM AND ELECTRICAL DRAWINGS
- ABANDONED ROOM
- ROOM TO REMAIN, NO WORK
- REMODEL REQUIRED DUE TO EHRM IMPACT

PROJECT KEY PLAN



Revisions:	Date:

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T. MARCELLO PIERROTTET, AIA

a&e

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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

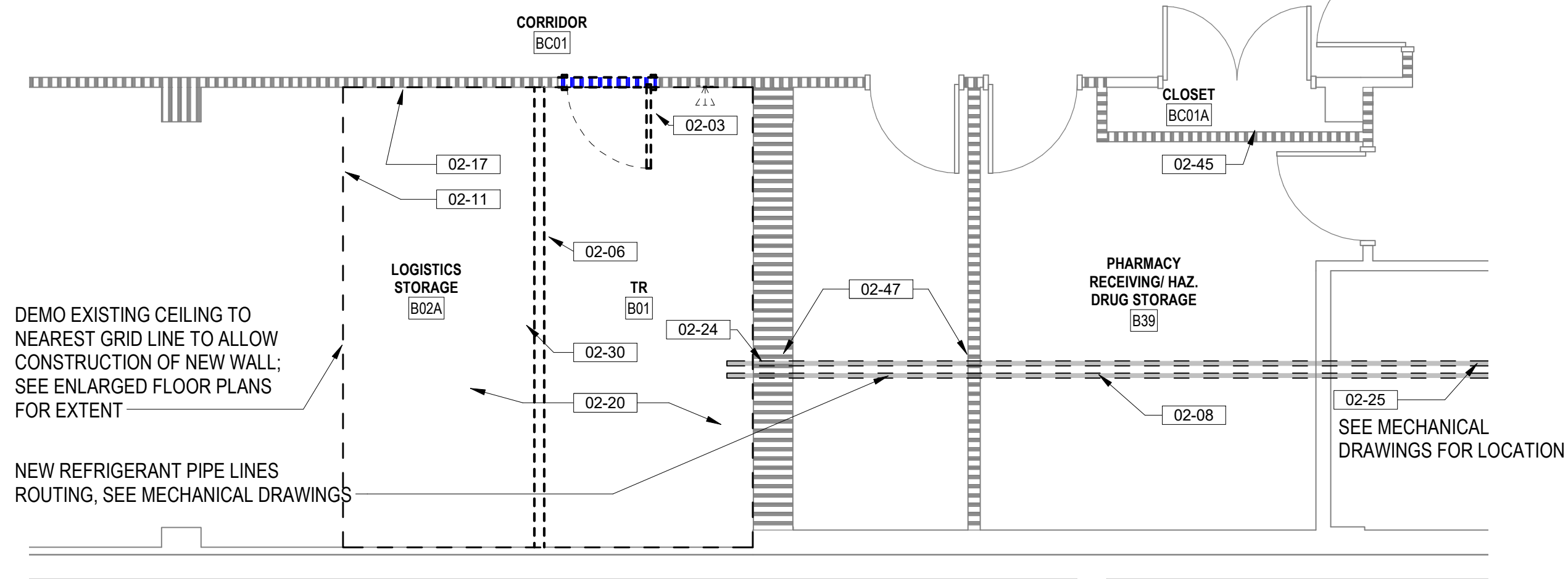
VA U.S. Department of Veterans Affairs

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APPROVED: Project Director

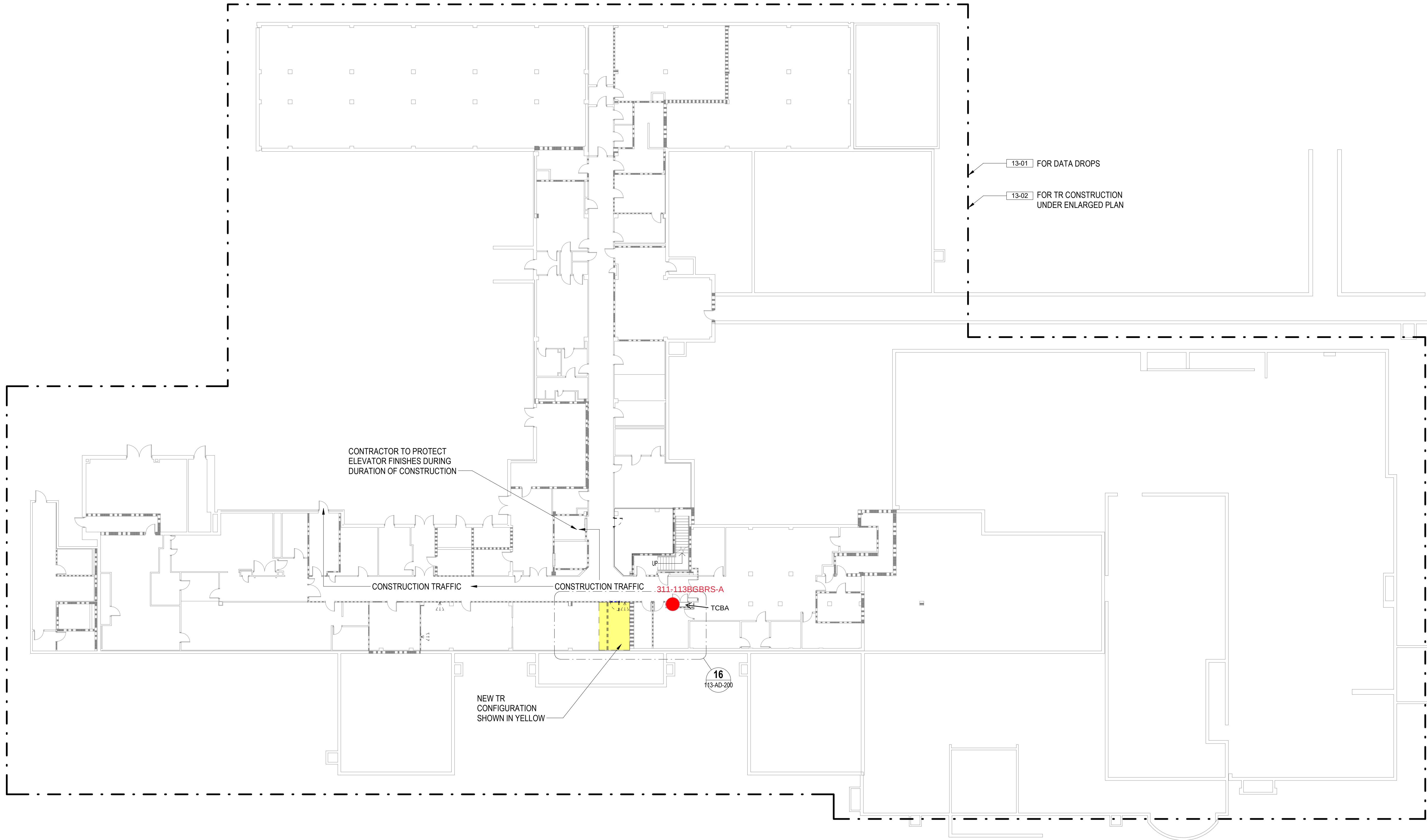
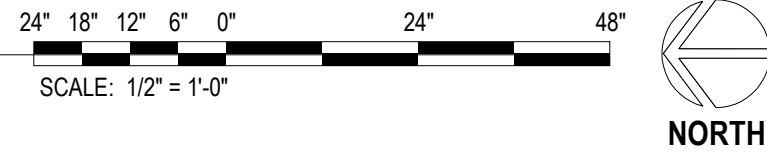
PHASE 95% CD
FLS FULLY SPRINKLERED

PROJECT TITLE EHRM INFRASTRUCTURE UPGRADES
LOCATION FORT MEADE, SOUTH DAKOTA
ISSUE DATE 03/08/2022
CHECKED BY TMP
DRAWN BY JPR

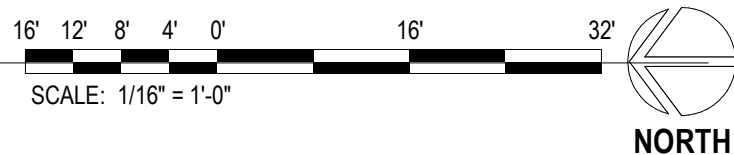
PROJECT NUMBER 568-21-701
BUILDING NUMBER BLDG 90
DRAWING NUMBER 90-AD-201



16 113 - B01- DEMOLITION PLAN
1/4" = 1'-0"



1 113 - BASEMENT FLOOR PLAN
1/16" = 1'-0"



DEMOLITION LEGEND

- INDICATES BUILT ITEM TO BE REMOVED
- INDICATES LIGHT FIXTURE TO BE REMOVED
- INDICATES EXTENT OF ICRA CLASS SCOPE
- CABLE INSTALLATION ROUTE. FIELD VERIFY CONDITIONS PRIOR TO COMMENCEMENT OF WORK, SEE TELECOMM DRAWINGS FOR EXTENT OF WORK

DEMOLITION GENERAL NOTES

- SEE G SERIES SHEETS FOR ALL DEMOLITION NOTES AND HAZARDOUS MATERIAL NOTES.
- IN HOSPITAL OCCUPANCY, CONTRACTORS ARE TO USE A CONSTRUCTION CONTAINMENT CUBE WITH HEPA VACUUM TO MAINTAIN NEGATIVE PRESSURE AS A MEANS TO ACCESS AREAS ABOVE CEILING TILES. THIS INCLUDES ALL PATIENT CORRIDORS AND ALL ACUTE CARE PATIENT AREAS. THIS IS IN CONJUNCTION WITH THE HOSPITAL'S INFECTION PREVENTION MEASURES AND ICRA PROTOCOLS.

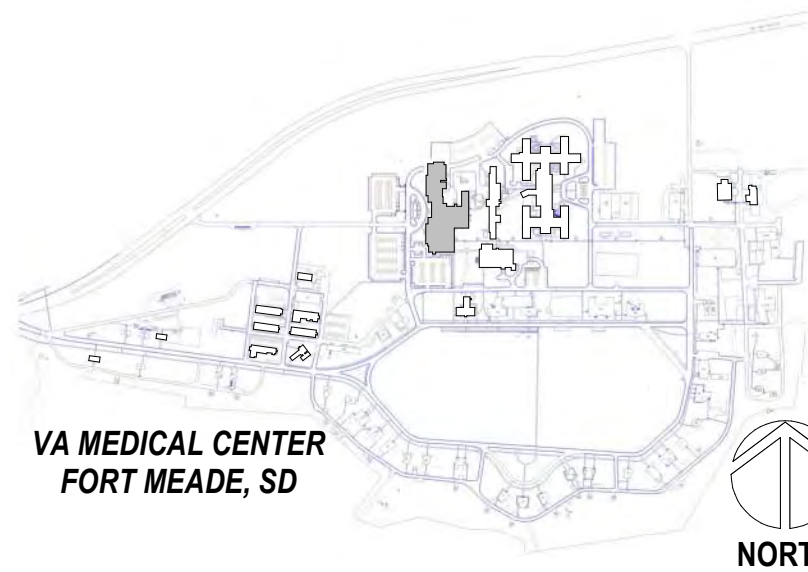
KEYNOTES

- 02-03 CAREFULLY REMOVE EXISTING DOOR, FRAME AND HARDWARE, RETURN TO OWNER
- 02-06 DEMO EXISTING WALL IN ITS ENTIRETY INCLUDING ANY WALL MOUNTED DEVICES. TERMINATE CONDUITS AT NEAREST J-BOX. PREP FLOOR TO RECEIVE NEW FINISH
- 02-08 CAREFULLY REMOVE CEILING TILES AND OTHER CEILING MOUNTED DEVICES ALONG ABOVE CEILING WORK ROUTE. CAREFULLY STORE IN NON-TRAFFICKED AREA AND PREPARE FOR REINSTALLATION AT COMPLETION OF WORK
- 02-11 EXTENT OF DEMOLITION WORK SHOWN DASHED
- 02-17 PATCH/REPAIR ALL WALL DAMAGE TO UNDERSIDE OF STRUCTURAL DECK AND PREPARE FOR NEW FINISHES IF SPECIFIED. TYP. EXTEND WALL TO DECK IF NOT IN PLACE. PATCH FIRE RATED WALLS WITH APPROPRIATE FIRE RATED SYSTEMS TO MAINTAIN EXISTING WALL INTEGRITY
- 02-20 DEMO FLOOR & FLOOR BASE. PATCH WALLS. PREPARE FOR NEW FINISHES
- 02-24 CORE DRILL THROUGH MASONRY WALL AS REQUIRED. PROVIDE OPENING 1/2" LARGER THAN CONDUIT SIZE. SEE MECHANICAL AND/OR TELECOM DRAWINGS FOR CONDUIT SIZE AND QUANTITIES. PATCH AND SEAL ALL NEW PENETRATIONS. APPLY APPROPRIATE HILTI FIRE RATED SEAL FOR TYPE OF PENETRATION AT RATED WALL CONDITION.
- 02-25 CORE DRILL THROUGH FLOOR NEW PIPE OR CONDUIT INSTALLATION. APPLY APPROPRIATE HILTI FIRE RATED SEAL FOR TYPE OF PENETRATION. SEE MEP OR TELECOM DRAWINGS FOR COORDINATION.
- 02-30 DEMO EXISTING CEILING TILE, LIGHT FIXTURES AND ANY CEILING MOUNTED DEVICES. REMOVE EXISTING SPRINKLER HEADS AND TURN UP DISCHARGE PIPE. PROVIDE NEW FIRE SUPPRESSION HEADS AT EXPOSED CONDITIONS
- 02-45 CONTRACTOR TO PATCH WALLS SMOOTH ALL WORK RESULTING IN THE REMOVAL OF TELECOM OR ELECTRICAL DEVICES IN ROOM. PATCH ONLY, NO PAINT.
- 02-47 CORE DRILL THROUGH FIRE RATED WALL FOR NEW CONDUIT/CABLE PENETRATION. SEAL WITH APPROPRIATE HILTI SYSTEM AT COMPLETION OF WORK. LABEL ACCORDINGLY
- 13-01 ICRA CLASS II. SEE SPECS FOR WORKING HOURS RESTRICTIONS
- 13-02 ICRA CLASS III. SEE SPECS FOR WORKING HOURS RESTRICTIONS

ROOM ALLOCATION LEGEND

- PROPOSED NEW CABINET / TR / MCR LOCATION
- PROPOSED EXPANSION TO TR
- EXISTING TR WITH POWER AND FIBER UPGRADES. SEE TELECOMM AND ELECTRICAL DRAWINGS
- ABANDONED ROOM
- ROOM TO REMAIN, NO WORK
- REMODEL REQUIRED DUE TO EHRM IMPACT

PROJECT KEY PLAN



Revisions:	Date:

CONSULTANT
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ADAM GOODIN, PE



ARCHITECT/ENGINEER OF RECORD
ARCHITECT
A&E DESIGN
124 NORTH 29TH STREET, #100
BILLINGS, MONTANA 59101
406.248.2633
T. MARCELLO PIERROTTET, AIA



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PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)
U.S. Department of Veterans Affairs

DRAWING TITLE
113-BASEMENT DEMOLITION PLAN

APPROVED: Project Director

PHASE
95% CD

FLS
FULLY SPRINKLERED

PROJECT TITLE
EHRM INFRASTRUCTURE UPGRADES

LOCATION
FORT MEADE, SOUTH DAKOTA

ISSUE DATE
03/08/2022

CHECKED BY
TMP

DRAWN BY
JPR

PROJECT NUMBER
568-21-701
BUILDING NUMBER
BLDG 113
DRAWING NUMBER
113-AD-200

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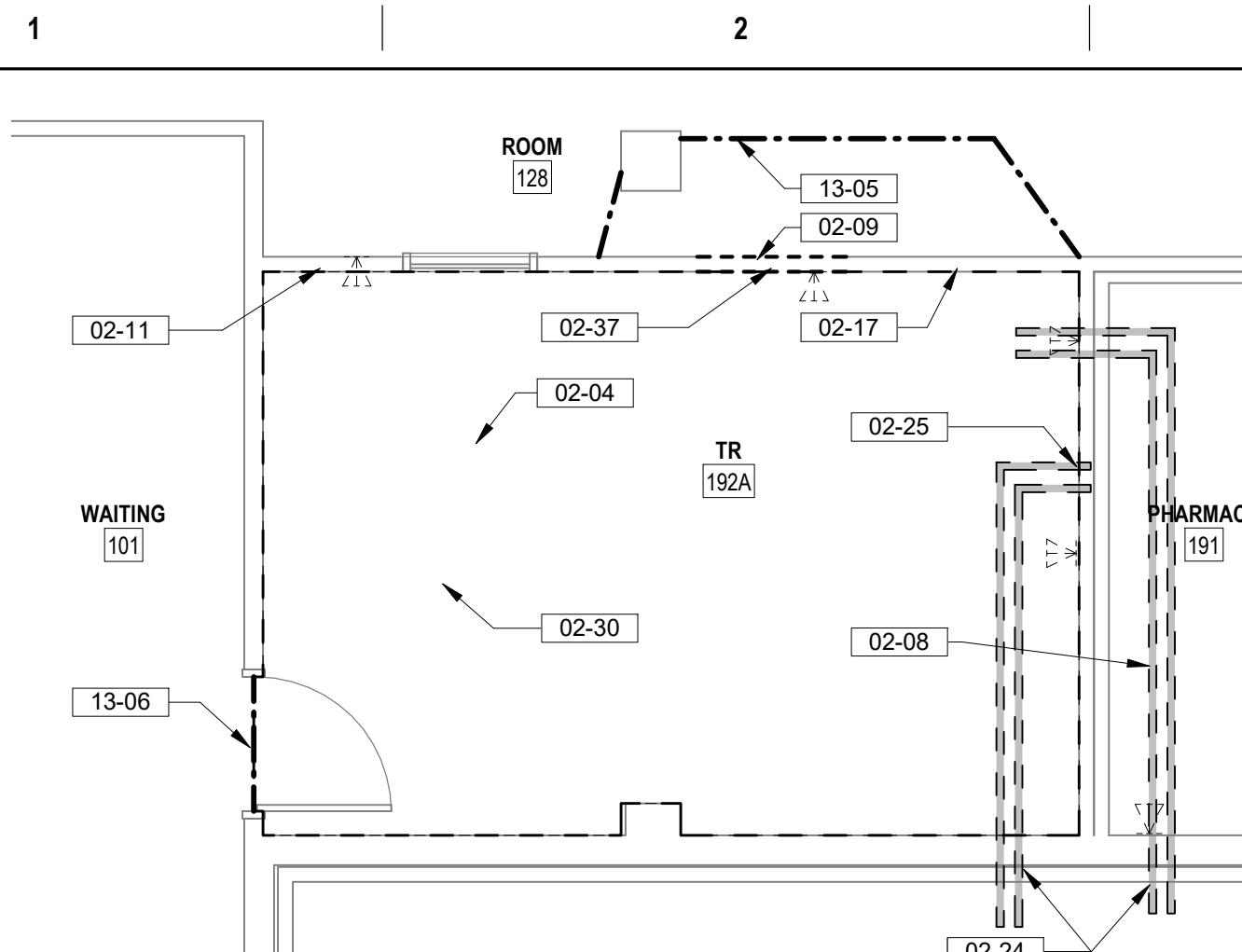
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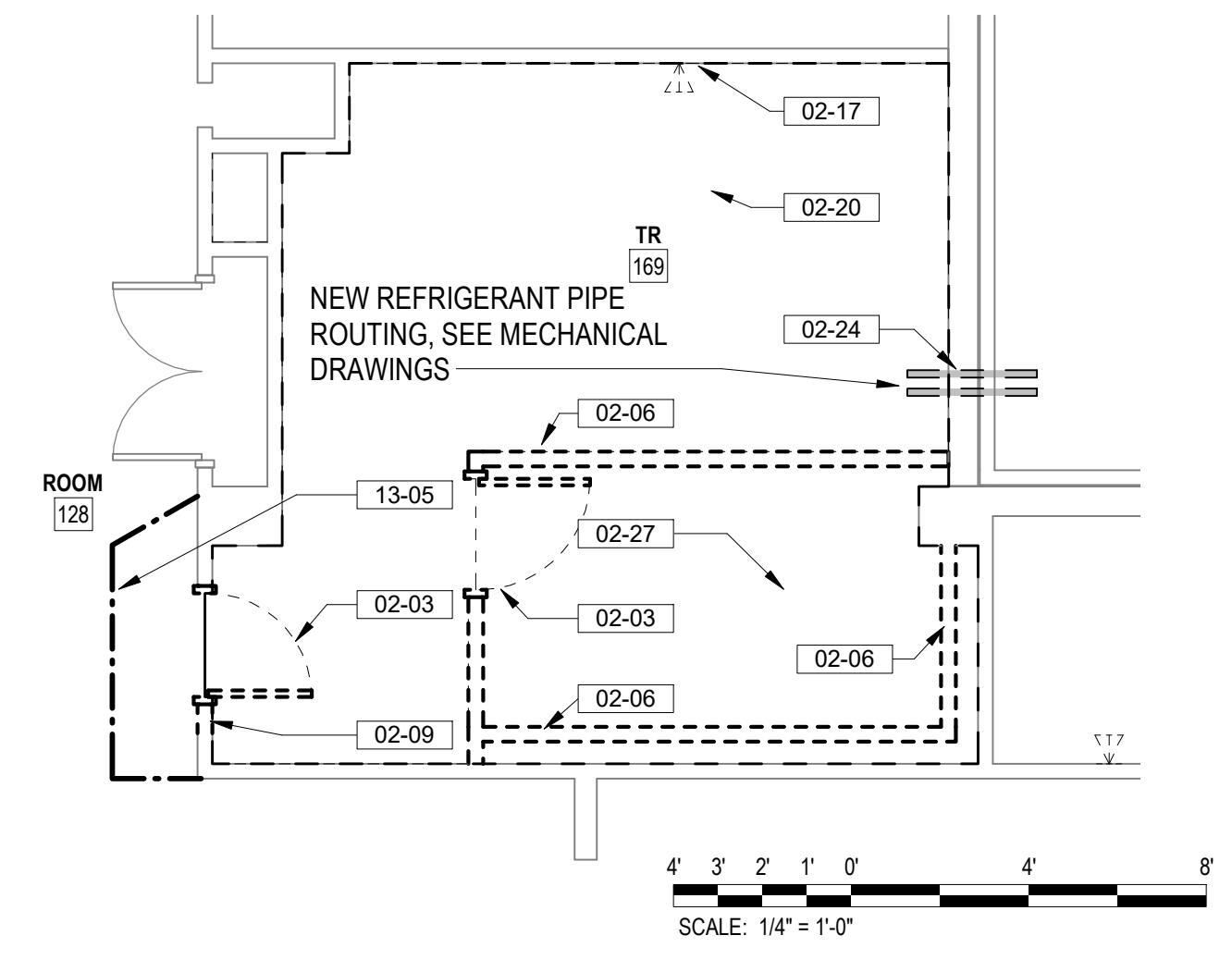
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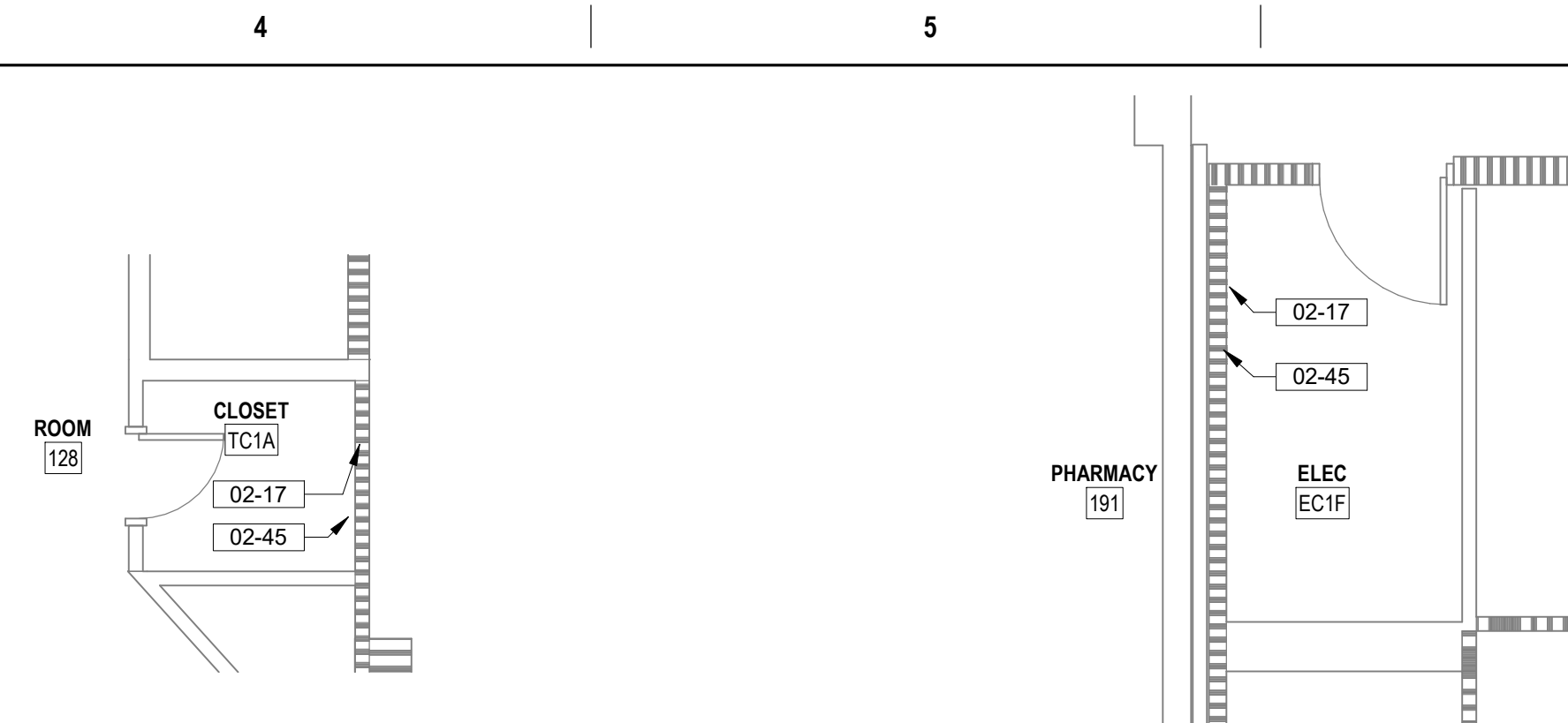
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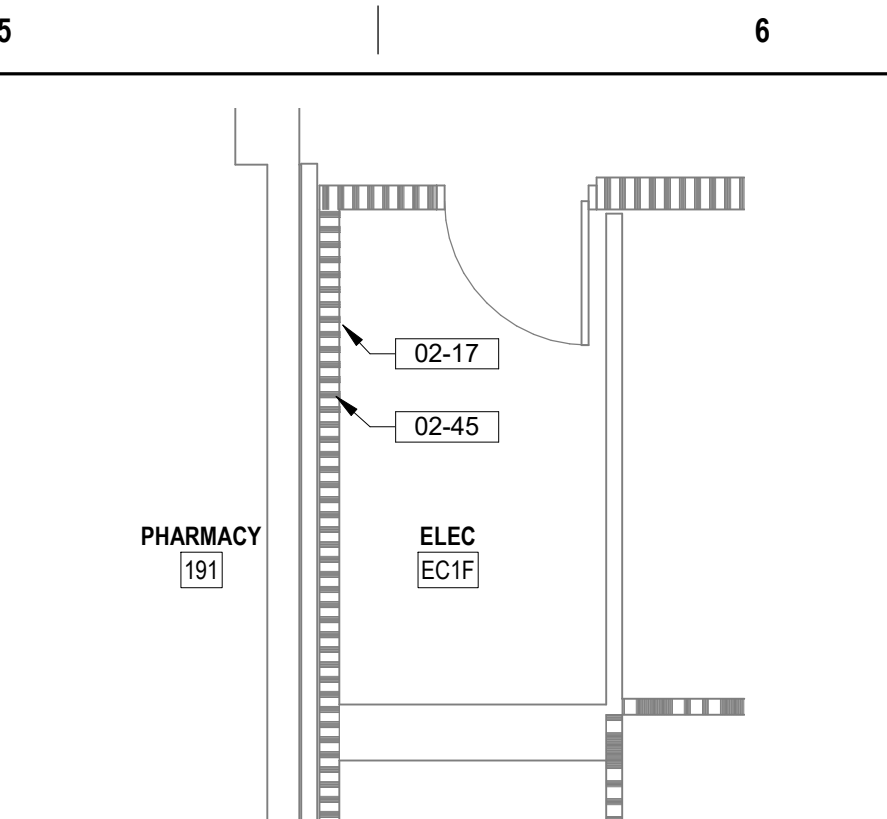
16 LEVEL 1 ROOM 192 DEMOLITION PLAN
1/4" = 1'-0"



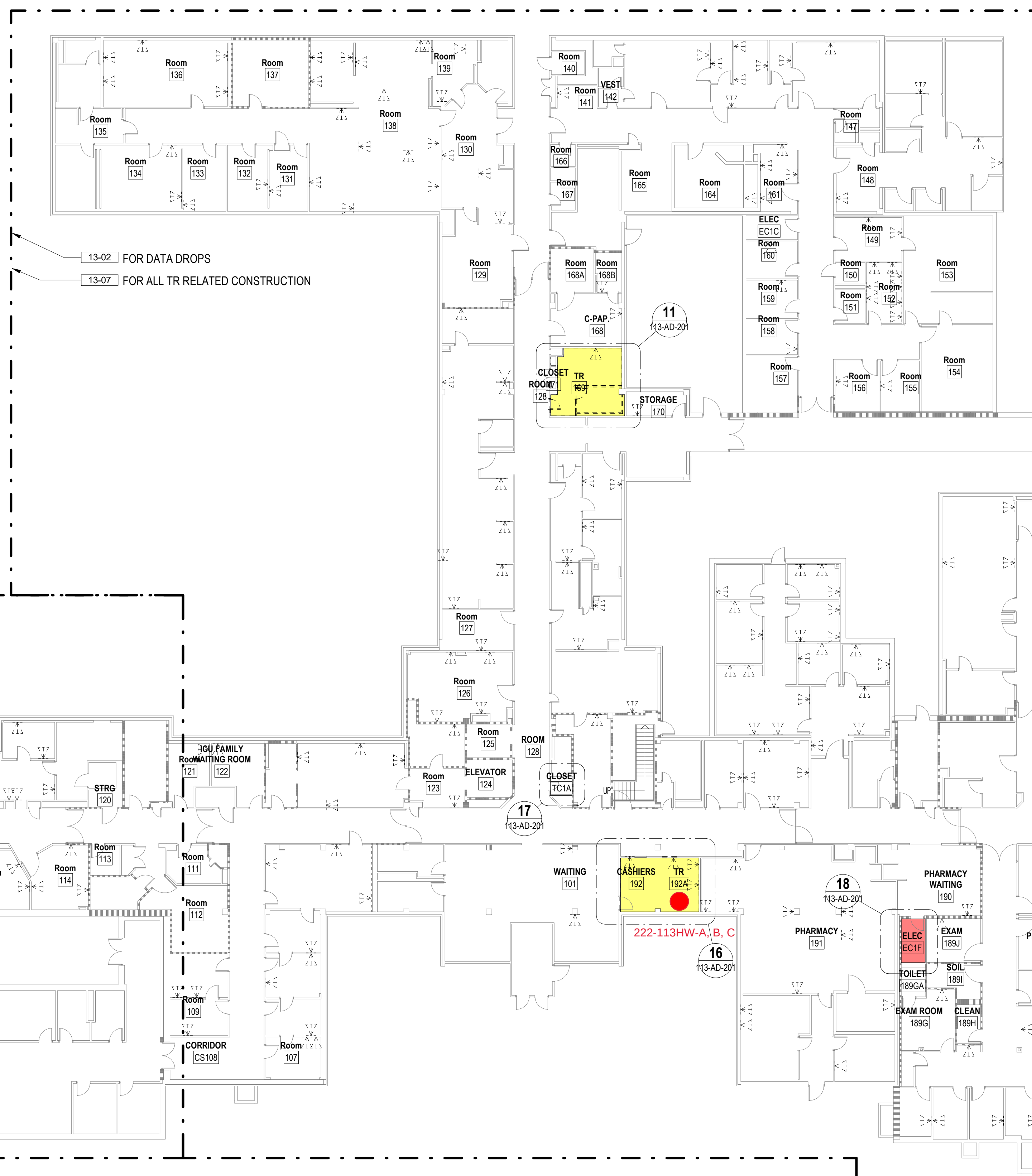
11 LEVEL 1 ROOM 169 DEMOLITION PLAN
1/4" = 1'-0"



17 EXISTING TC1A DEMO PLAN
1/4" = 1'-0"



18 LEVEL 1 EC1F DEMO PLAN
1/4" = 1'-0"



1 FIRST FLOOR PLAN
1/16" = 1'-0"

DEMOLITION GENERAL NOTES

- SEE G SERIES SHEETS FOR ALL DEMOLITION NOTES AND HAZARDOUS MATERIAL NOTES.
- IN HOSPITAL OCCUPANCY, CONTRACTORS ARE TO USE A CONSTRUCTION CONTAINMENT CUBE WITH HEPA VACUUM TO MAINTAIN NEGATIVE PRESSURE AS A MEANS TO ACCESS AREAS ABOVE CEILING TILES. THIS INCLUDES ALL PATIENT CORRIDORS AND ALL ACUTE CARE PATIENT AREAS. THIS IS IN CONJUNCTION WITH THE HOSPITAL'S INFECTION PREVENTION MEASURES AND ICRA PROTOCOLS.

KEYNOTES

- CAREFULLY REMOVE EXISTING DOOR, FRAME AND HARDWARE. RETURN TO OWNER.
- DEMO CARPET, BASE, AND ADHESIVES. PREPARE FLOOR FOR NEW STATIC DISSIPATIVE RESILIENT FLOORING AND BASE.
- DEMO EXISTING WALL IN ITS ENTIRETY INCLUDING ANY WALL MOUNTED DEVICES. TERMINATE CONDUITS AT NEAREST J-BOX. PREP FLOOR TO RECEIVE NEW FINISH.
- CAREFULLY REMOVE CEILING TILES AND OTHER CEILING MOUNTED DEVICES ALONG ABOVE CEILING WORK ROUTE. CAREFULLY STORE IN NON-TRAFFICKED AREA AND PREPARE FOR REINSTALLATION AT COMPLETION OF WORK.
- DEMO WALL AS REQUIRED TO RECEIVE NEW DOOR AND FRAME.
- EXTENT OF DEMOLITION WORK SHOWN DASHED.
- PATCH/REPAIR ALL WALL DAMAGE TO UNDERSIDE OF STRUCTURAL DECK AND PREPARE FOR NEW FINISHES IF SPECIFIED, TYP. EXTEND WALL TO DECK IF NOT IN PLACE. PATCH FIRE RATED WALLS WITH APPROPRIATE FIRE RATED SYSTEMS TO MAINTAIN EXISTING WALL INTEGRITY.
- DEMO FLOOR & FLOOR BASE, PATCH WALLS. PREPARE FOR NEW FINISHES.
- CORE DRILL THROUGH MASONRY WALL AS REQUIRED. PROVIDE OPENING 12" LARGER THAN CONDUIT SIZE. SEE MECHANICAL AND/OR TELECOM DRAWINGS FOR CONDUIT SIZE AND QUANTITIES. PATCH AND SEAL ALL NEW PENETRATIONS. APPLY APPROPRIATE HILTI FIRE RATED SEAL FOR TYPE OF PENETRATION AT RATED WALL CONDITION.
- CORE DRILL THROUGH FLOOR NEW PIPE OR CONDUIT INSTALLATION. APPLY APPROPRIATE HILTI FIRE RATED SEAL FOR TYPE OF PENETRATION. SEE MEP OR TELECOM DRAWINGS FOR COORDINATION.
- DEMO EXISTING TILE FLOOR. APPLY SELF-LEVELING COMPOUND AND PREPARE TO RECEIVE NEW FLOORING.
- DEMO EXISTING CEILING TILE, LIGHT FIXTURES AND ANY CEILING MOUNTED DEVICES. REMOVE EXISTING SPRINKLER HEADS AND TURN UP DISCHARGE PIPE. PROVIDE NEW FIRE SUPPRESSION HEADS AT EXPOSED CONDITIONS.
- DEMO EXISTING WINDOW AND PERIMETER AS REQUIRED FOR INSTALLATION OF NEW DOOR OR DOOR OPENING.
- CONTRACTOR TO PATCH WALLS SMOOTH ALL WORK RESULTING IN THE REMOVAL OF TELECOM OR ELECTRICAL DEVICES IN ROOM. PATCH ONLY, NO PAINT.
- ICRA CLASS III. SEE SPECS FOR WORKING HOURS RESTRICTIONS.
- ICRA CLASS IV. SEE SPECS FOR WORKING HOURS RESTRICTIONS.
- INFECTION PREVENTION, FIRE RATED, 6MM PLASTIC BARRIER SEALED TOP, BOTTOM, AND SIDES. PROVIDE VESTIBULE AREA FOR GOWNING / UNGOWNING AND NEGATIVE PRESSURE WITHIN CONSTRUCTION AREA IN ICRA CLASS IV. SEE SPECS FOR OTHER ICRA CONSTRUCTION REQUIREMENTS.
- SEAL PERIMETER OF DOOR TO MAINTAIN NEGATIVE PRESSURE WITHIN CONSTRUCTION AREA. PROTECT FINISH DURING CONSTRUCTION.
- ICRA CLASS III / IV. VERIFY WITH C.O.R.. SEE SPECS FOR WORKING HOURS RESTRICTIONS.

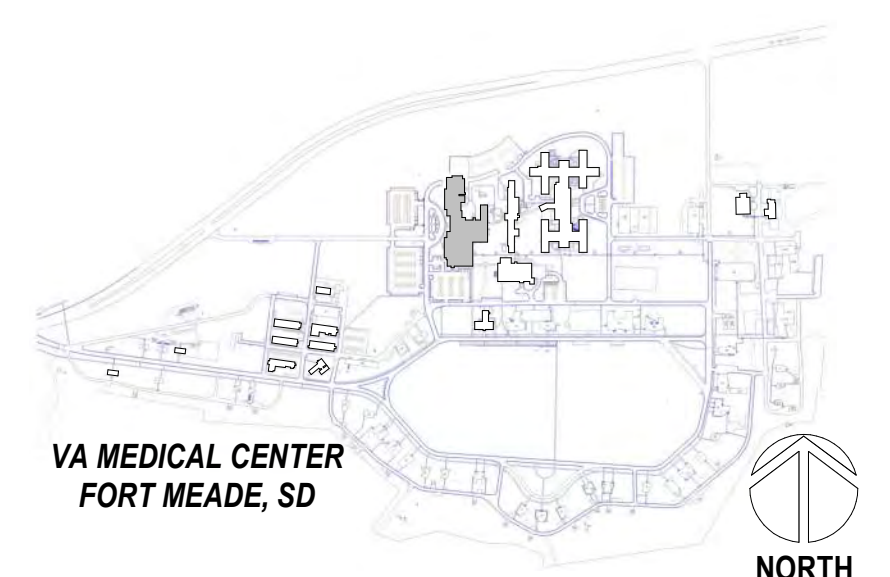
DEMOLITION LEGEND

- INDICATES BUILT ITEM TO BE REMOVED
- INDICATES LIGHT FIXTURE TO BE REMOVED
- INDICATES EXTENT OF ICRA CLASS SCOPE
- CABLE INSTALLATION ROUTE. FIELD VERIFY CONDITIONS PRIOR TO COMMENCEMENT OF WORK, SEE TELECOM DRAWINGS FOR EXTENT OF WORK

ROOM ALLOCATION LEGEND

- PROPOSED NEW CABINET / TR / MCR LOCATION
- PROPOSED EXPANSION TO TR
- EXISTING TR WITH POWER AND FIBER UPGRADES. SEE TELECOM AND ELECTRICAL DRAWINGS
- ABANDONED ROOM
- ROOM TO REMAIN, NO WORK
- REMODEL REQUIRED DUE TO EHRM IMPACT

PROJECT KEY PLAN



Revisions:	Date:

CONSULTANT

A/E:
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GDM
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ARCHITECT
A&E DESIGN
124 NORTH 29TH STREET, #100
BILLINGS, MONTANA 59101
406.248.2633
T. MARCELLO PIERROTTI, AIA

a&e

STAMP

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE
113-LEVEL 1 DEMOLITION PLAN

APPROVED: Project Director

PHASE
95% CD

FLS
FULLY SPRINKLERED

PROJECT TITLE
EHRM INFRASTRUCTURE UPGRADES

LOCATION
FORT MEADE, SOUTH DAKOTA

ISSUE DATE
03/08/2022

CHECKED BY
TMP

DRAWN BY
JPR

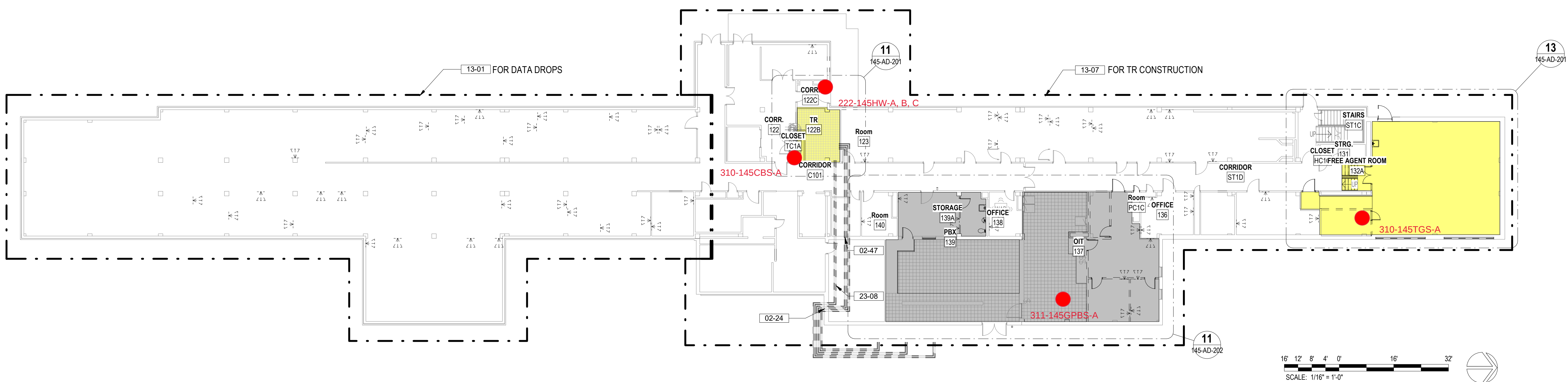
PROJECT NUMBER
568-21-701

BUILDING NUMBER
BLDG 113

DRAWING NUMBER
113-AD-201

PROJECT KEY PLAN

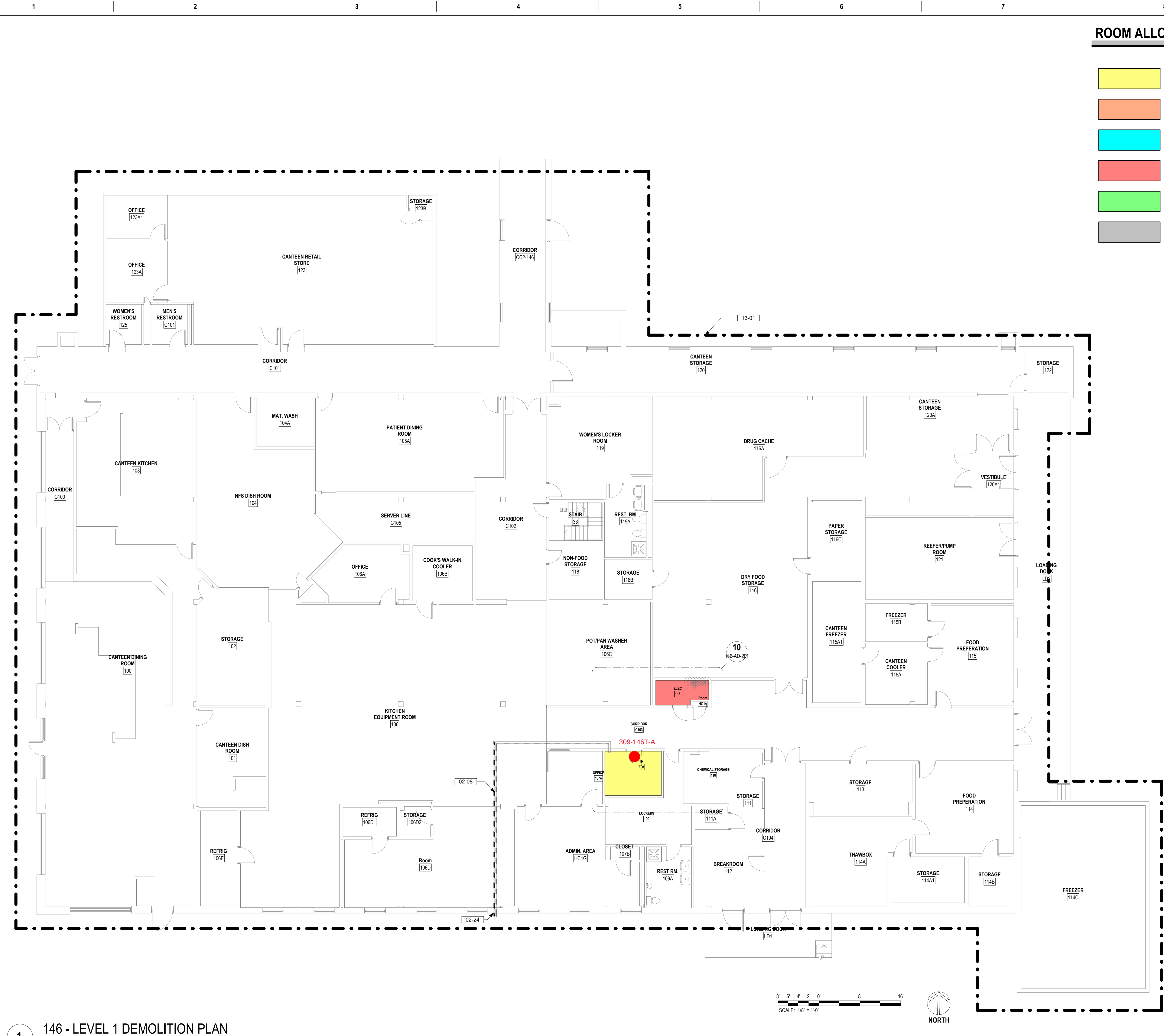
- | | |
|---|---|
|  | PROPOSED NEW CABINET / TR / MCR LOCATION |
|  | PROPOSED EXPANSION TO TR |
|  | EXISTING TR WITH POWER AND FIBER UPGRADES, SEE TELECOMM AND ELECTRICAL DRAWINGS |
|  | ABANDONED ROOM |
|  | ROOM TO REMAIN, NO WORK |
|  | REMODEL REQUIRED DUE TO EH RM IMPACT |



1 LEVEL 1 FLOOR PLAN
1/16" = 1'-0"

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VA FORM 08 - 6231



1 146 - LEVEL 1 DEMOLITION PLAN
1/8" = 1'-0"

ROOM ALLOCATION LEGEND

- PROPOSED NEW TR LOCATION
- PROPOSED EXPANSION TO TR
- EXISTING TR TO BE UPDATED
- ABANDONED ROOM
- ROOM TO REMAIN, NO WORK
- REMODEL REQUIRED DUE TO EHRM IMPACT

DEMOLITION LEGEND

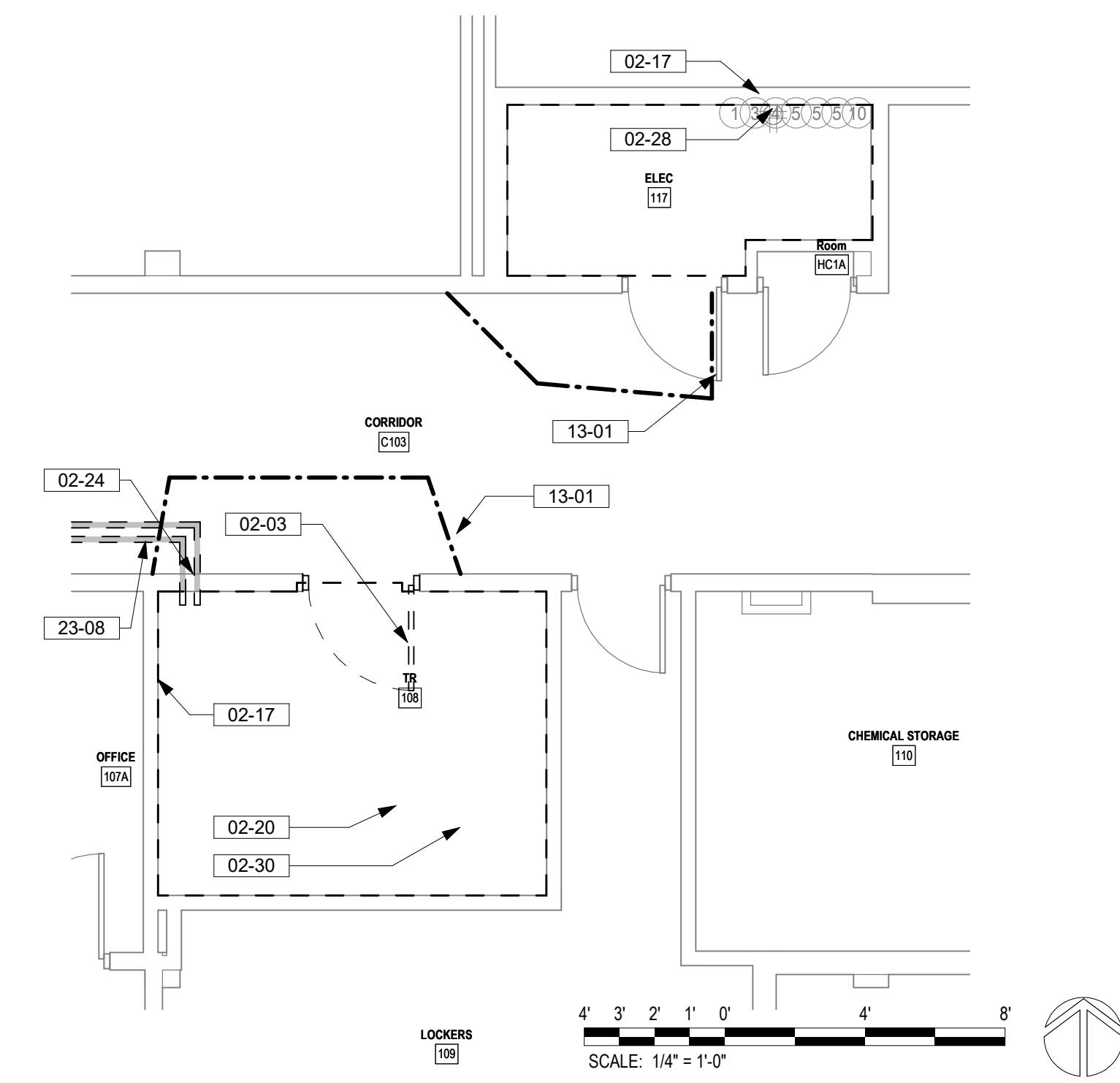
- INDICATES BUILT ITEM TO BE REMOVED
- INDICATES LIGHT FIXTURE TO BE REMOVED
- INDICATES EXTENT OF ICRA CLASS SCOPE
- CABLE INSTALLATION ROUTE, FIELD VERIFY CONDITIONS PRIOR TO COMMENCEMENT OF WORK, SEE TELECOMM DRAWINGS FOR EXTENT OF WORK

DEMOLITION GENERAL NOTES

- REFER TO G SERIES FOR DEMOLITION NOTES & HAZARDOUS MATERIAL NOTES

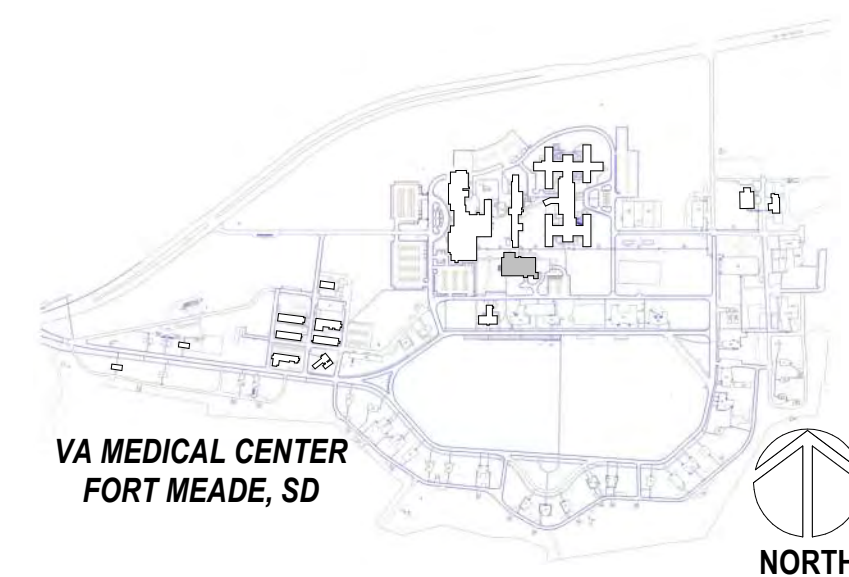
KEYNOTES

- 02-03 CAREFULLY REMOVE EXISTING DOOR, FRAME AND HARDWARE, RETURN TO OWNER
- 02-08 CAREFULLY REMOVE CEILING TILES AND OTHER CEILING MOUNTED DEVICES ALONG ABOVE CEILING WORK ROUTE. CAREFULLY STORE IN NON-TRAFFICKED AREA AND PREPARE FOR REINSTALLATION AT COMPLETION OF WORK
- 02-17 PATCH/REPAIR ALL WALL DAMAGE TO UNDERSIDE OF STRUCTURAL DECK AND PREPARE FOR NEW FINISHES IF SPECIFIED, TYP. EXTEND WALL TO DECK IF NOT IN PLACE. PATCH FIRE RATED WALLS WITH APPROPRIATE FIRE RATED SYSTEMS TO MAINTAIN EXISTING WALL INTEGRITY
- 02-20 DEMO FLOOR & FLOOR BASE, PATCH WALLS, PREPARE FOR NEW FINISHES
- 02-24 CORE DRILL THROUGH MASONRY WALL AS REQUIRED, PROVIDE OPENING 1/2" LARGER THAN CONDUIT SIZE. SEE MECHANICAL AND/OR TELECOM DRAWINGS FOR CONDUIT SIZE AND QUANTITIES. PATCH AND SEAL ALL NEW PENETRATIONS. APPLY APPROPRIATE MULTI-FIRE RATED SEAL FOR TYPE OF PENETRATION AT RATED WALL CONDITION.
- 02-28 SEE ELECTRICAL DRAWINGS FOR DEMO OF ELECTRICAL PANEL, DEMO THROUGH THE FLOOR CONDUIT, PATCH FLOOR AND PREPARE FOR NEW FINISHES
- 02-30 DEMO EXISTING CEILING TILE, LIGHT FIXTURES AND ANY CEILING MOUNTED DEVICES, REMOVE EXISTING SPRINKLER HEADS AND TURN UP DISCHARGE PIPE, PROVIDE NEW FIRE SUPPRESSION HEADS AT EXPOSED CONDITIONS
- 13-01 ICRA CLASS II, SEE SPECS FOR WORKING HOURS RESTRICTIONS
- 23-08 NEW REFRIGERANT PIPE LINES ROUTING SHOWN FOR REFERENCE ONLY. SEE MECHANICAL DRAWINGS FOR ACTUAL ROUTING. CONTRACTOR TO REMOVE CEILING TILES ALONG ROUTE OUTSIDE OF TRS AND REPLACE WITHIN WORKING SHIFT. CONDUCT INFECTION PREVENTION MEASURES AS SPECIFIED.



10 LEVEL 1 ENLARGED DEMOLITION PLAN
1/4" = 1'-0"

PROJECT KEY PLAN



CONSULTANT

A/E:
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ARCHITECT/ENGINEER OF RECORD

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STAMP

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE
146-DEMOLITION FLOOR PLAN

APPROVED: Project Director

PHASE
95% CD

FLS
FULLY SPRINKLERED

PROJECT TITLE
EHRM INFRASTRUCTURE UPGRADES

LOCATION
FORT MEADE, SOUTH DAKOTA

ISSUE DATE
03/08/2022

CHECKED BY
TMP

DRAWN BY
JPR

PROJECT NUMBER
568-21-701

BUILDING NUMBER
BLDG 146

DRAWING NUMBER
146-AD-201

KEYNOTES

- 02-31 SEE TELECOM PLANS FOR PATH LOCATION, SHOWN GRAY. CAREFULLY REMOVE CEILING TILES DURING WORK AND RE-INSTALL AT COMPLETION OF SHIFT. ALL WORK IN CORRIDORS TO BE CONDUCTED WITHIN CONSTRUCTION CUBE MAINTAINING NEGATIVE PRESSURE AND MINIMIZING DISRUPTION OF CORRIDOR CIRCULATION. SEE HAZARDOUS MATERIAL NOTES SHEET 00-GI-001
- 13-02 ICRA CLASS III. SEE SPECS FOR WORKING HOURS RESTRICTIONS
- 13-03 ICRA CLASS IV. SEE SPECS FOR WORKING HOURS RESTRICTIONS
- 13-07 ICRA CLASS III / IV. VERIFY WITH C.O.R. SEE SPECS FOR WORKING HOURS RESTRICTIONS

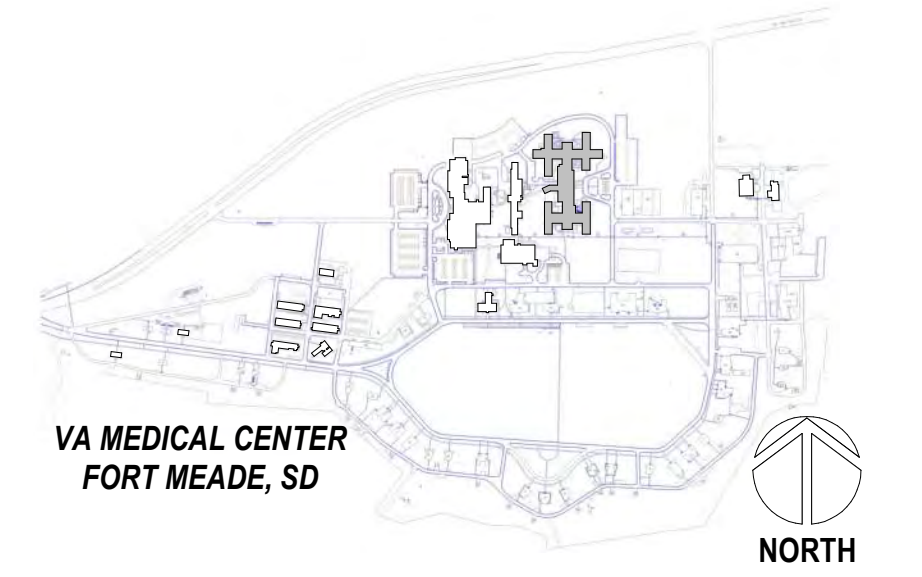
DEMOLITION GENERAL NOTES

1. SEE G SERIES SHEETS FOR ALL DEMOLITION NOTES AND HAZARDOUS MATERIAL NOTES
2. IN HOSPITAL OCCUPANCY, CONTRACTORS ARE TO USE A CONSTRUCTION CONTAINMENT CUBE WITH HEPA VACUUM TO MAINTAIN NEGATIVE PRESSURE AS A MEANS TO ACCESS AREAS ABOVE CEILING TILES. THIS INCLUDES ALL PATIENT CORRIDORS AND ALL ACUTE CARE PATIENT AREAS. THIS IS IN CONJUNCTION WITH THE HOSPITAL'S INFECTION PREVENTION MEASURES AND ICRA PROTOCOLS.

DEMOLITION LEGEND

- INDICATES BUILT ITEM TO BE REMOVED
- INDICATES LIGHT FIXTURE TO BE REMOVED
- INDICATES EXTENT OF ICRA CLASS SCOPE
- CABLE INSTALLATION ROUTE. FIELD VERIFY CONDITIONS PRIOR TO COMMENCEMENT OF WORK. SEE TELECOMM DRAWINGS FOR EXTENT OF WORK

PROJECT KEY PLAN



1 LEVEL 1 DEMOLITION FLOOR PLAN

1/16" = 1'-0"

16' 12' 8' 4' 0' 16' 32'
SCALE: 1/16" = 1'-0" NORTH

CONSULTANT

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ARCHITECT/ENGINEER OF RECORD

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STAMP

PROGRAM
CONTRACTING
ACTIVITY
CENTRAL (PCAC)

VA U.S. Department
of Veterans Affairs

DRAWING TITLE

148-LEVEL 1 DEMOLITION PLAN

APPROVED: Project Director

PHASE

95% CD

FLS

FULLY SPRINKLERED

PROJECT TITLE

EHRM INFRASTRUCTURE
UPGRADES

LOCATION

FORT MEADE, SOUTH DAKOTA

ISSUE DATE

03/08/2022

CHECKED BY

TMP

DRAWN BY

JPR

PROJECT NUMBER

568-21-701

BUILDING NUMBER

BLDG 148

DRAWING NUMBER

148-AD-201

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FLOOR PLAN NOTES

1. SEE G SERIES SHEETS FOR BALANCE OF PLAN GENERAL NOTES.
2. REFER TO STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. ALL INFORMATION REGARDING EXISTING CONDITIONS IS BASED UPON OWNER-SUPPLIED DOCUMENTS AND MAY NOT PRECISELY REFLECT FIELD CONDITIONS.
3. PROVIDE ALL BACKING FOR MILLWORK, GRAB BARS, AND ANY AND ALL WALL MOUNTED EQUIPMENT OR ACCESSORIES; COORDINATE LOCATIONS.
4. ALL DIMENSIONS ARE FROM STRUCTURAL OR UNFINISHED FACE OF STUD, UNLESS OTHERWISE NOTED.
5. PROVIDE A SMOOTH AND LEVEL FINISH FLOOR, TYP. PATCH AND REPAIR ALL INCONSISTENCIES IN FLOOR ELEVATIONS.
6. PATCH AND REPAIR ANY / ALL WALL SURFACES AS REQUIRED TO PROVIDE SUITABLE SUBSTRATE FOR FINISHES.
7. REFER TO DOOR AND FRAME SCHEDULE FOR DOORS REQUIRING ADA ACCESS CONTROL.
8. PROVIDE ACOUSTICAL SEALANT AROUND WALL EDGES, TOP AND BOTTOM, AND PENETRATIONS, AND INSTALL PUTTY PADS AROUND ELECTRICAL BOXES WHERE PARTITION CONTAINS ACOUSTICAL INSULATION.
9. ALL TELECOMMUNICATION ROOMS ARE TO HAVE EXPOSED STRUCTURE UNLESS NOTED OTHERWISE, NO CEILINGS SPECIFIED.

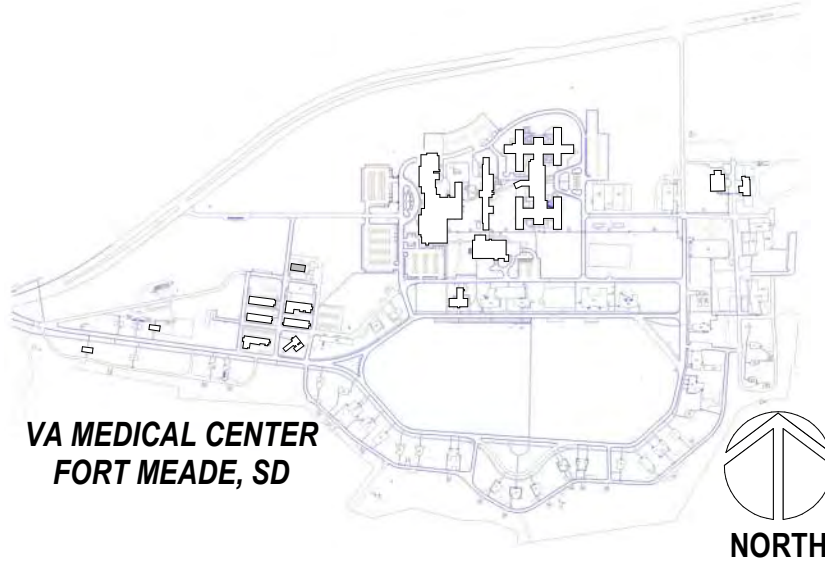
FLOOR PLAN LEGEND

-  CARD READER, REF TELECOM DRAWINGS
-  DATA PORT, REF TELECOM DRAWINGS
-  OUTLET, REF ELEC DRAWINGS
-  WIRELESS ACCESS POINT, REF TELECOM DRAWINGS
-  ELEC PANEL, REF ELEC DRAWINGS
-  STRIP LIGHT FIXTURE, REF ELEC DRAWINGS

KEYNOTES

- 01-01 CLEAN UP AREA AROUND PROPOSED WALL MOUNTED CABINET LOCATION; COORDINATE WITH C.O.R. FOR RELOCATION OR REMOVAL OF INSTALLATION OBSTRUCTING ITEMS.
- 08-03 ADA DOOR CLEARANCES SHOWN DASHED
- 09-10 PAINT FULL LENGTH OF WALL TO NEAREST EXTERIOR OR INTERIOR CORNER, COLOR TO MATCH EXISTING WALLS.
- 09-18 6" HIGH COVERED RUBBER WALL BASE, COLOR TO BE SELECTED FROM MANUFACTURER'S STANDARD SELECTION
- 09-28 PAINT ENTIRE ROOM, COLOR TO MATCH EXISTING
- 13-04 ICRA CLASS I, SEE SPECS FOR WORKING HOURS RESTRICTIONS
- 26-09 30" CLEARANCE AT WALL MOUNTED SERVER RACK SHOWN DASHED
- 26-10 WALL MOUNTED TELECOM CABINET, SEE TELECOM DRAWINGS

PROJECT KEY PLAN



2 T171 - LEVEL 1 FLOOR PLAN
1/4" = 1'-0"

Revisions:	Date:

CONSULTANT

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1000 W STEUBEN ST. UNIT 3
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STAMP

PROGRAM
CONTRACTING
ACTIVITY
CENTRAL (PCAC)

 U.S. Department
of Veterans Affairs

DRAWING TITLE
T171-FLOOR PLANS

APPROVED: Project Director

PHASE
95% CD

FLS
FULLY SPRINKLERED

PROJECT TITLE
EHRM INFRASTRUCTURE
UPGRADES

LOCATION
FORT MEADE, SOUTH DAKOTA

ISSUE DATE
03/08/2022

CHECKED BY
TMP

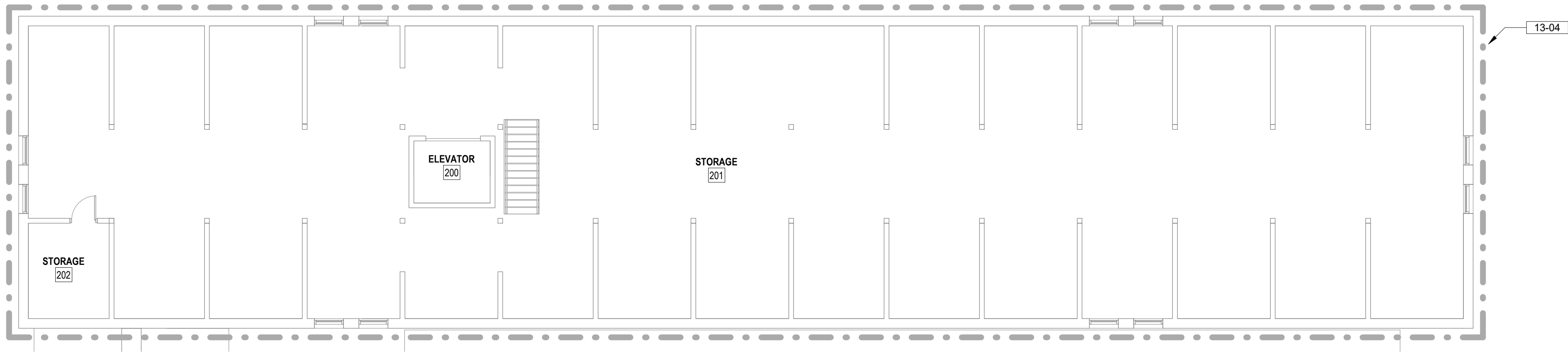
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JPR

PROJECT NUMBER
568-21-701

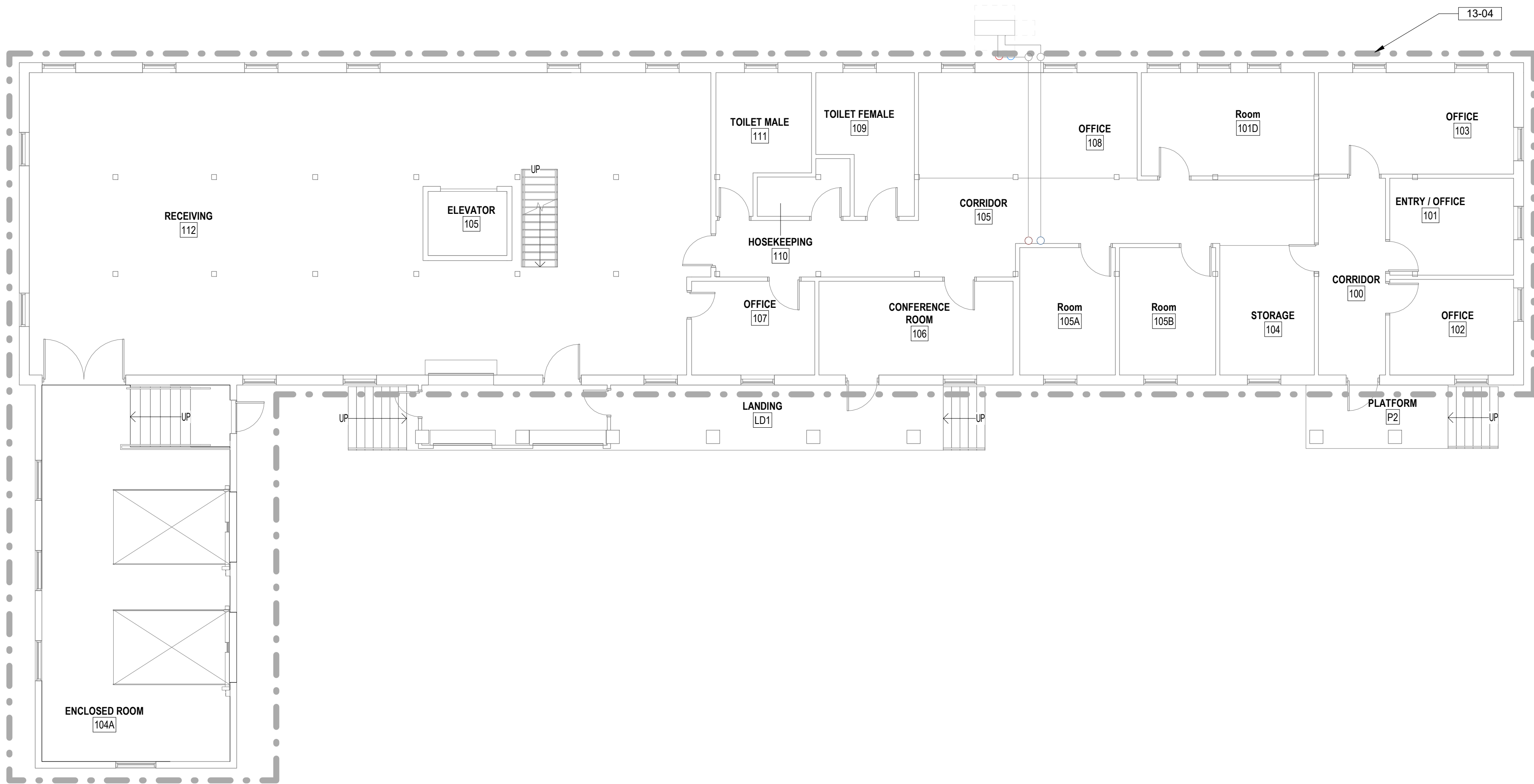
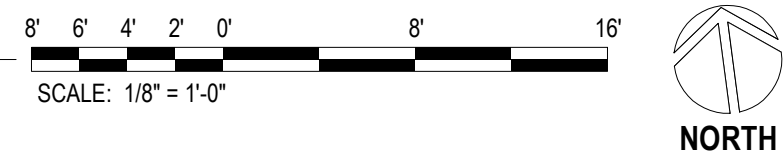
BUILDING NUMBER
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DRAWING NUMBER
T171-AE-201

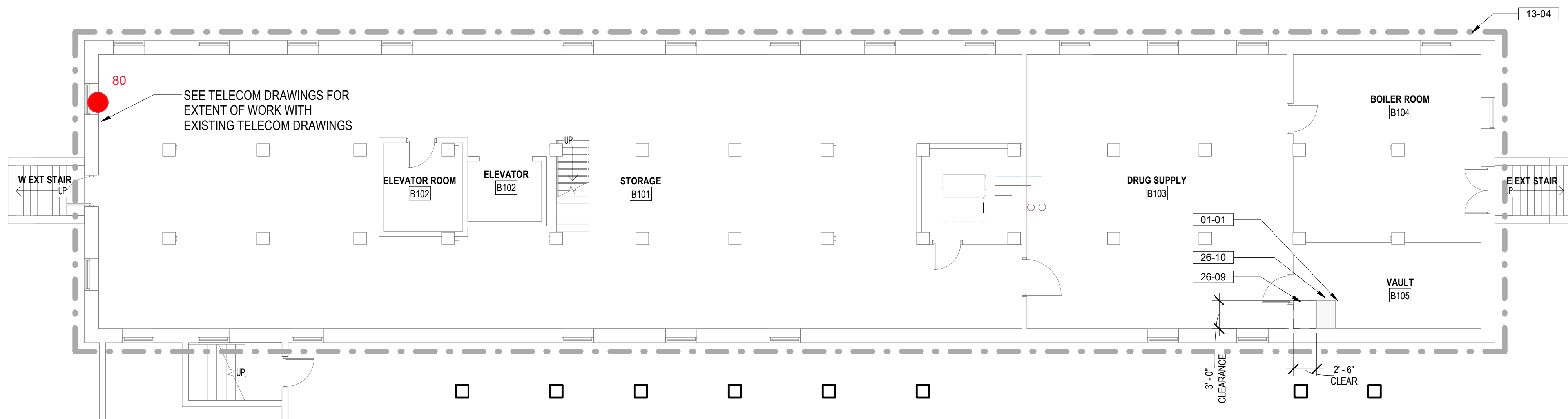
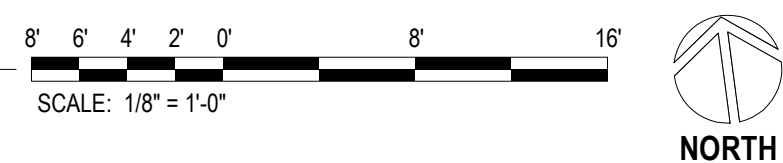
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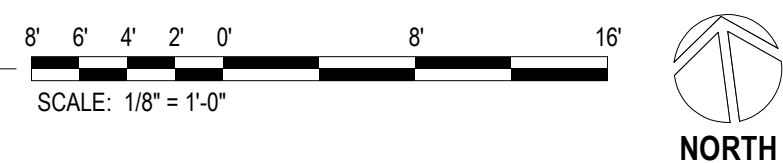
16 LEVEL 2 FLOOR PLAN
1/8" = 1'-0"



6 LEVEL 1 FLOOR PLAN
1/8" = 1'-0"



1 BASEMENT FLOOR PLAN
1/8" = 1'-0"



FLOOR PLAN NOTES

- SEE G SERIES SHEETS FOR BALANCE OF PLAN GENERAL NOTES.
- REFER TO STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. ALL INFORMATION REGARDING EXISTING CONDITIONS IS BASED UPON OWNER-SUPPLIED DOCUMENTS AND MAY NOT PRECISELY REFLECT FIELD CONDITIONS.
- PROVIDE ALL BACKING FOR MILLWORK, GRAB BARS, AND ANY AND ALL WALL MOUNTED EQUIPMENT OR ACCESSORIES; COORDINATE LOCATIONS.
- ALL DIMENSIONS ARE FROM STRUCTURAL OR UNFINISHED FACE OF STUD. UNLESS OTHERWISE NOTED.
- PROVIDE A SMOOTH AND LEVEL FINISH FLOOR, TYP. PATCH AND REPAIR ALL INCONSISTENCIES IN FLOOR ELEVATIONS.
- PATCH AND REPAIR ANY / ALL WALL SURFACES AS REQUIRED TO PROVIDE SUITABLE SUBSTRATE FOR FINISHES.
- REFER TO DOOR AND FRAME SCHEDULE FOR DOORS REQUIRING ADA ACCESS CONTROL.
- PROVIDE ACOUSTICAL SEALANT AROUND WALL EDGES, TOP AND BOTTOM, AND PENETRATIONS, AND INSTALL PUTTY PADS AROUND ELECTRICAL BOXES WHERE PARTITION CONTAINS ACOUSTICAL INSULATION.
- ALL TELECOMMUNICATION ROOMS ARE TO HAVE EXPOSED STRUCTURE UNLESS NOTED OTHERWISE, NO CEILINGS SPECIFIED.

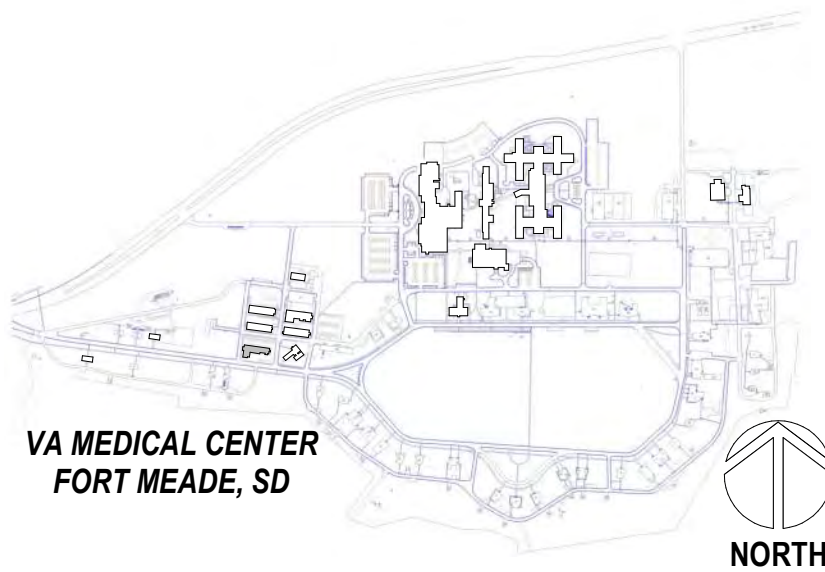
FLOOR PLAN LEGEND

- CARD READER, REF TELECOM DRAWINGS
- DATA PORT, REF TELECOM DRAWINGS
- OUTLET, REF ELEC DRAWINGS
- WIRELESS ACCESS POINT, REF TELECOM DRAWINGS
- ELEC PANEL, REF ELEC DRAWINGS
- STRIP LIGHT FIXTURE, REF ELEC DRAWINGS

KEYNOTES

- 01-01 CLEAN UP AREA AROUND PROPOSED WALL MOUNTED CABINET LOCATION; COORDINATE WITH C.O.R. FOR RELOCATION OR REMOVAL OF INSTALLATION OBSTRUCTING ITEMS.
- 13-04 ICRA CLASS I. SEE SPECS FOR WORKING HOURS RESTRICTIONS
- 26-09 30" CLEARANCE AT WALL MOUNTED SERVER RACK SHOWN DASHED
- 26-10 WALL MOUNTED TELECOM CABINET; SEE TELECOM DRAWINGS

PROJECT KEY PLAN



	CONSULTANT		ARCHITECT/ENGINEER OF RECORD		STAMP	DRAWING TITLE		PHASE	PROJECT TITLE		PROJECT NUMBER						
	A/E: GDM 1000 W STEUBEN ST. UNIT 3 BINGEN, WA 98605 541.436.4723 ADAM GOODIN, PE					ARCHITECT A&E DESIGN 124 NORTH 29TH STREET, #100 BILLINGS, MONTANA 59101 406.248.2633 T. MARCELLO PIERROTTET, AIA					EHRM INFRASTRUCTURE UPGRADES		568-21-701				
								BUILDING NUMBER			BLDG 46						
								LOCATION			FORT MEADE, SOUTH DAKOTA		DRAWING NUMBER		46-AE-201		
								ISSUE DATE			CHECKED BY		DRAWN BY				
Revisions:		Date:				APPROVED: Project Director		FLS		03/08/2022		TMP		JPR			
						PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)		FULLY SPRINKLERED									
						VA U.S. Department of Veterans Affairs											

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VA FORM 08 - 6231

FLOOR PLAN NOTES

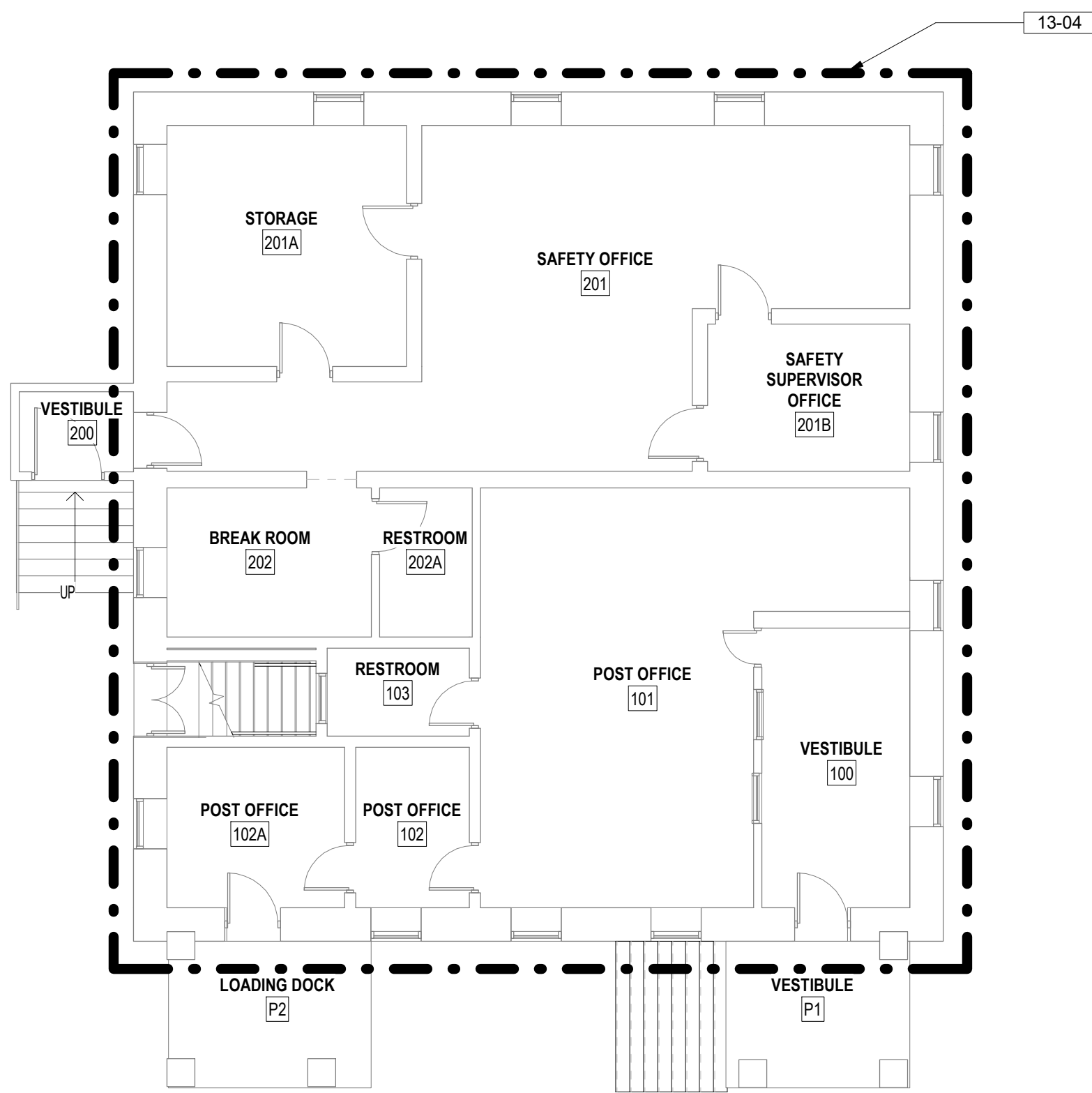
- SEE G SERIES SHEETS FOR BALANCE OF PLAN GENERAL NOTES.
- REFER TO STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. ALL INFORMATION REGARDING EXISTING CONDITIONS IS BASED UPON OWNER-SUPPLIED DOCUMENTS AND MAY NOT PRECISELY REFLECT FIELD CONDITIONS.
- PROVIDE ALL BACKING FOR MILLWORK, GRAB BARS, AND ANY AND ALL WALL MOUNTED EQUIPMENT OR ACCESSORIES; COORDINATE LOCATIONS.
- ALL DIMENSIONS ARE FROM STRUCTURAL OR UNFINISHED FACE OF STUD, UNLESS OTHERWISE NOTED.
- PROVIDE A SMOOTH AND LEVEL FINISH FLOOR, TYP. PATCH AND REPAIR ALL INCONSISTENCIES IN FLOOR ELEVATIONS.
- PATCH AND REPAIR ANY / ALL WALL SURFACES AS REQUIRED TO PROVIDE SUITABLE SUBSTRATE FOR FINISHES.
- REFER TO DOOR AND FRAME SCHEDULE FOR DOORS REQUIRING ADA ACCESS CONTROL.
- PROVIDE ACOUSTICAL SEALANT AROUND WALL EDGES, TOP AND BOTTOM, AND PENETRATIONS, AND INSTALL PUTTY PADS AROUND ELECTRICAL BOXES WHERE PARTITION CONTAINS ACOUSTICAL INSULATION.
- ALL TELECOMMUNICATION ROOMS ARE TO HAVE EXPOSED STRUCTURE UNLESS NOTED OTHERWISE, NO CEILINGS SPECIFIED.

FLOOR PLAN LEGEND

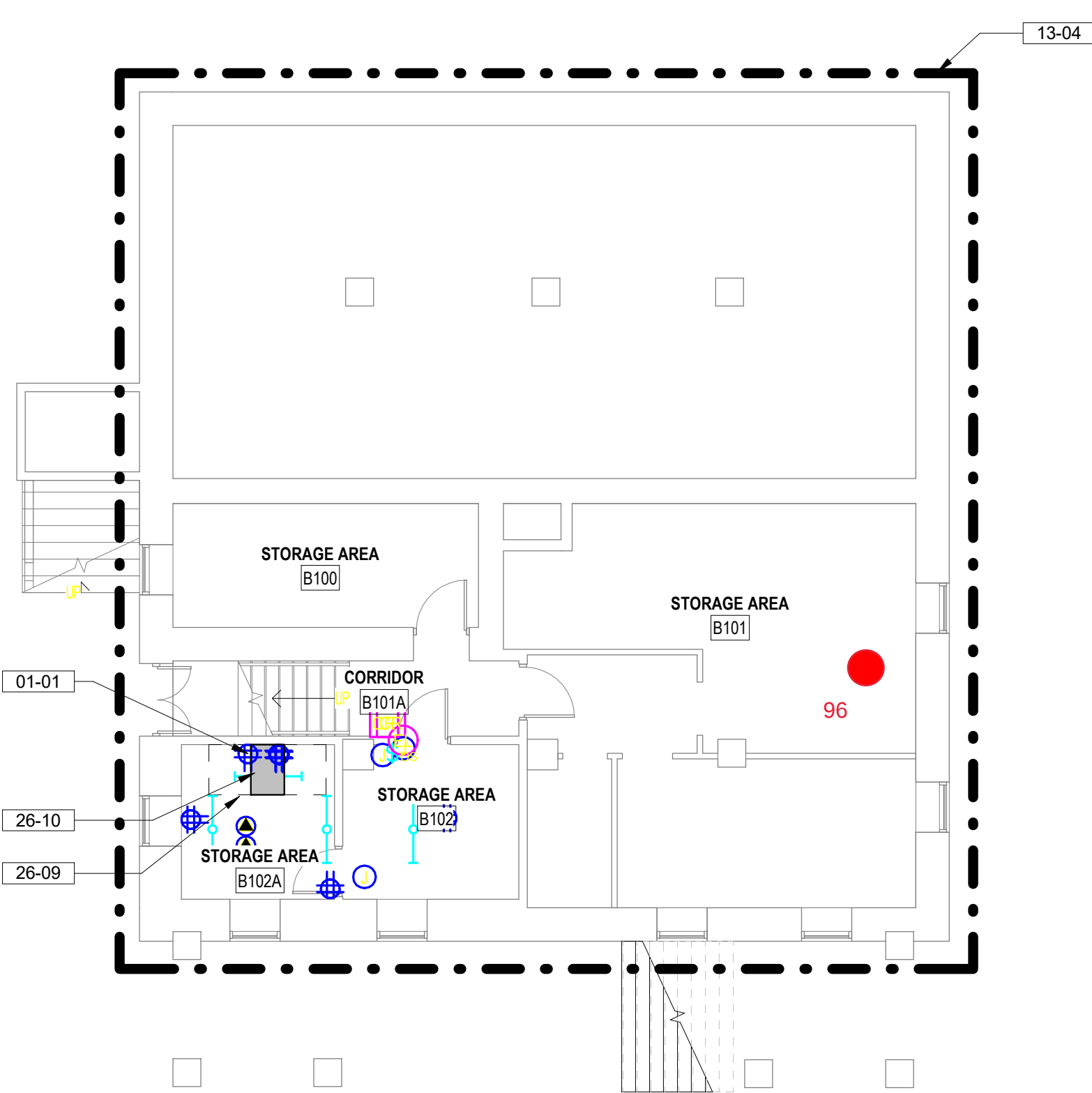
- CARD READER, REF TELECOM DRAWINGS
- DATA PORT, REF TELECOM DRAWINGS
- OUTLET, REF ELEC DRAWINGS
- WIRELESS ACCESS POINT, REF TELECOM DRAWINGS
- ELEC PANEL, REF ELEC DRAWINGS
- STRIP LIGHT FIXTURE, REF ELEC DRAWINGS

KEYNOTES

- 01-01 CLEAN UP AREA AROUND PROPOSED WALL MOUNTED CABINET LOCATION; COORDINATE WITH C.O.R. FOR RELOCATION OR REMOVAL OF INSTALLATION OBSTRUCTING ITEMS.
- 13-04 ICRA CLASS I, SEE SPECS FOR WORKING HOURS RESTRICTIONS
- 26-09 30" CLEARANCE AT WALL MOUNTED SERVER RACK SHOWN DASHED
- 26-10 WALL MOUNTED TELECOM CABINET, SEE TELECOM DRAWINGS

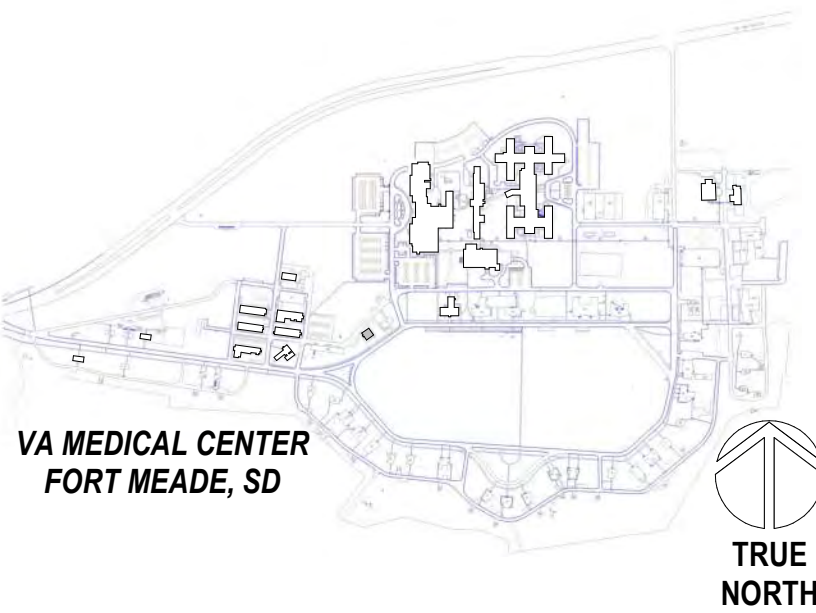


1 LEVEL 1 FLOOR PLAN
1/8" = 1'-0"



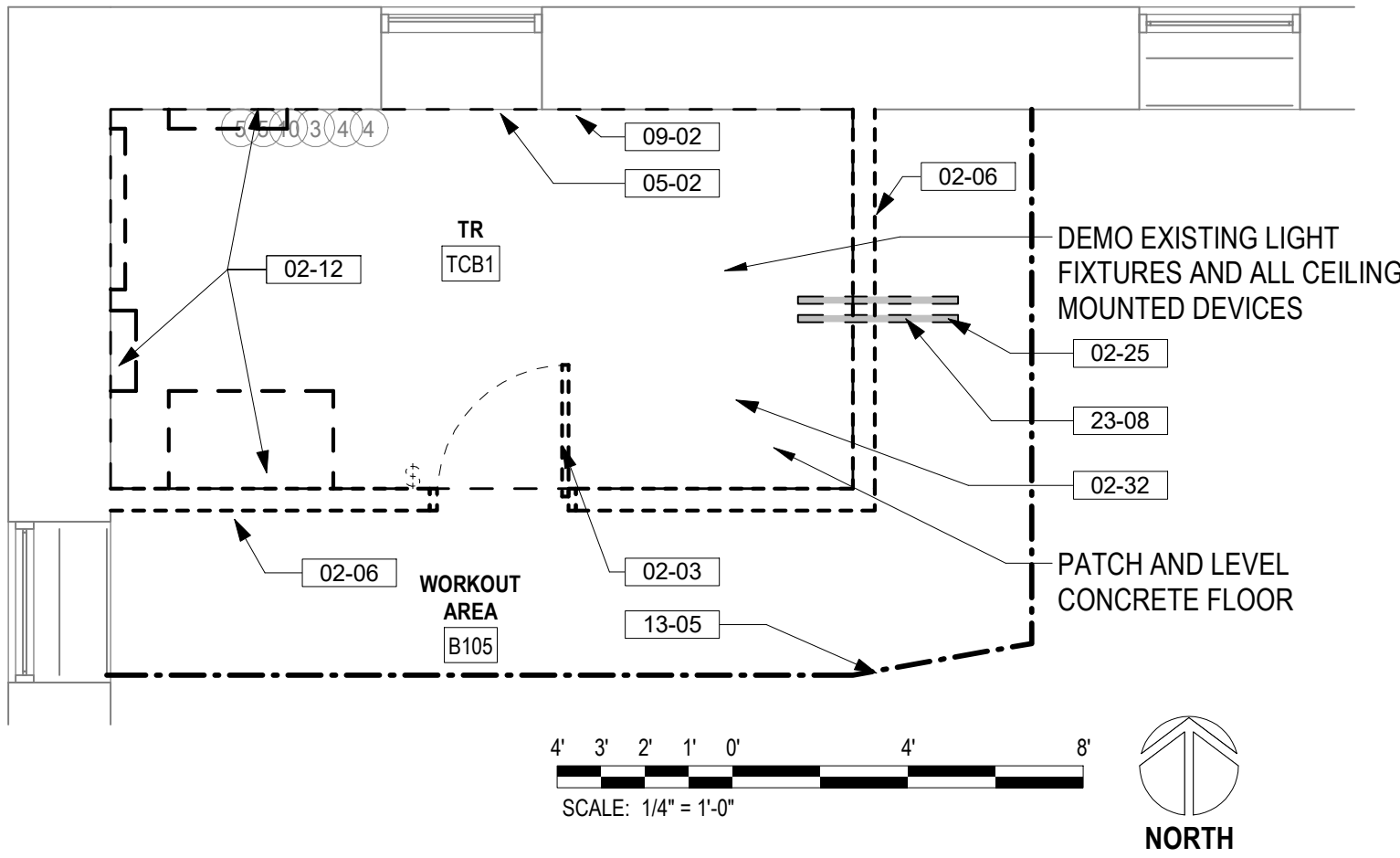
2 BASEMENT FLOOR PLAN
1/8" = 1'-0"

PROJECT KEY PLAN

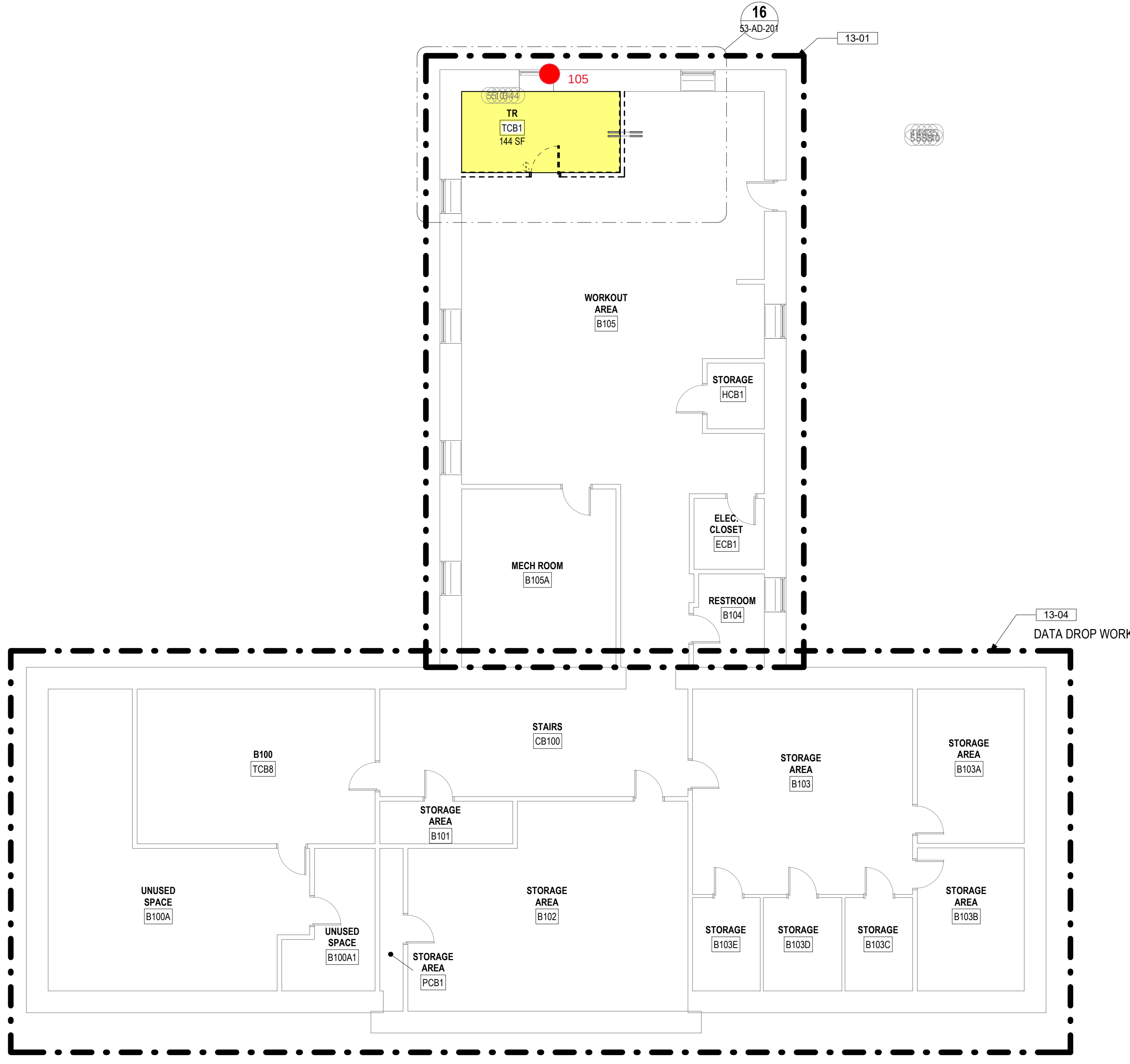


	CONSULTANT		ARCHITECT/ENGINEER OF RECORD		STAMP	PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)	DRAWING TITLE 50-FLOOR PLANS	PHASE 95% CD	PROJECT TITLE EHRM INFRASTRUCTURE UPGRADES		PROJECT NUMBER 568-21-701	
	A/E: GDM 1000 W STEUBEN ST. UNIT 3 BINGEN, WA 98605 541.436.4723 ADAM GOODIN, PE GDM ARCHITECTS • ENGINEERS		ARCHITECT A&E DESIGN 124 NORTH 29TH STREET, #100 BILLINGS, MONTANA 59101 406.248.2633 T. MARCELLO PIERROTTET, AIA ase						BUILDING NUMBER BLDG 50			
									DRAWING NUMBER 50-AE-201			
Revisions:		Date:				VA U.S. Department of Veterans Affairs	APPROVED: Project Director	FLS FULLY SPRINKLERED	LOCATION FORT MEADE, SOUTH DAKOTA	ISSUE DATE 03/08/2022	CHECKED BY TMP	DRAWN BY JPR

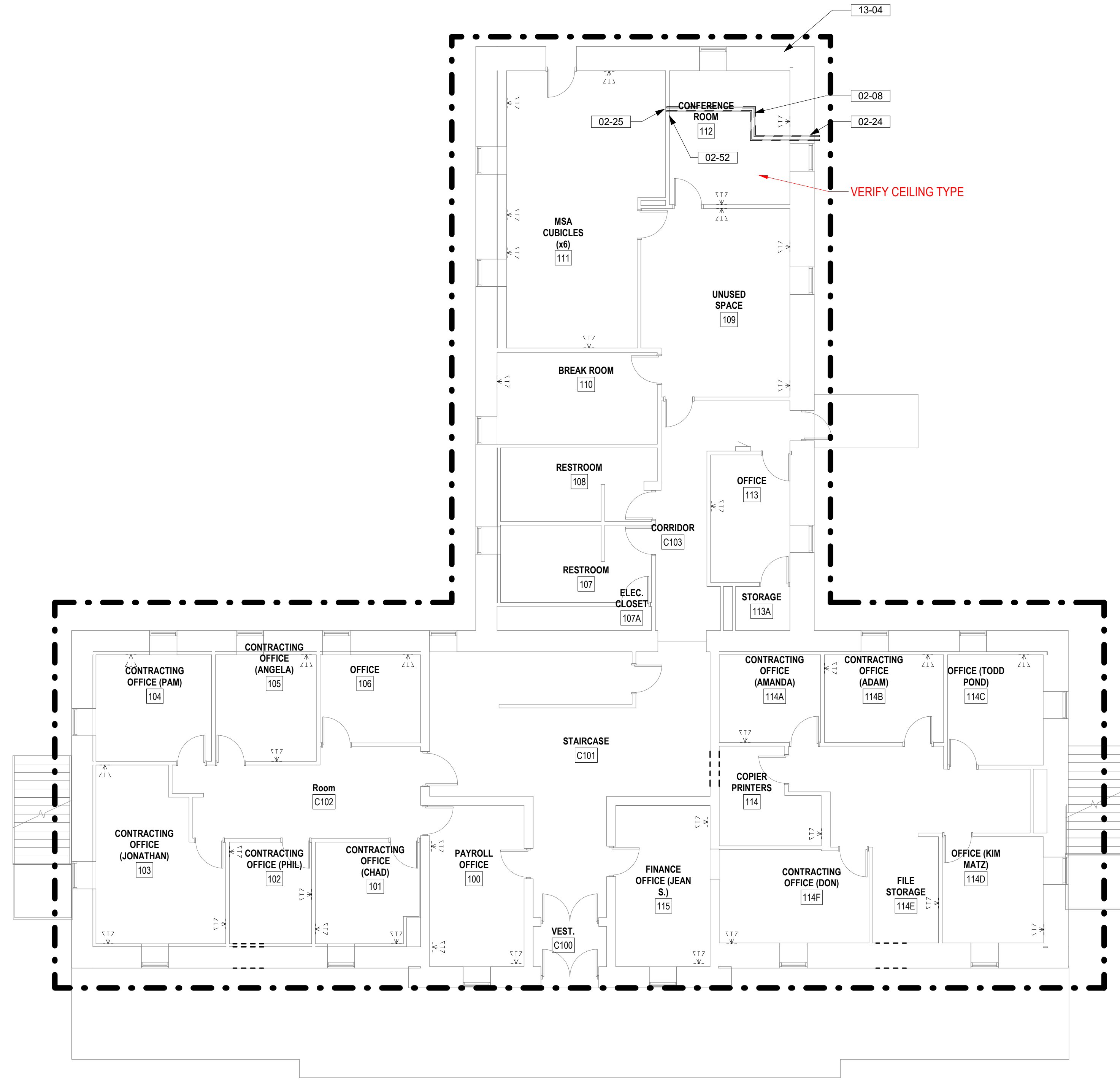
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VA FORM 08 - 6231



16 BASEMENT TCB1 DEMOLITION PLAN
1/4" = 1'-0"



1 53 - BASEMENT DEMOLITION FLOOR PLAN
1/8" = 1'-0"



3 53 - LEVEL 1 FLOOR PLAN
1/8" = 1'-0"

DEMOLITION LEGEND

- INDICATES BUILT ITEM TO BE REMOVED
- INDICATES LIGHT FIXTURE TO BE REMOVED
- INDICATES EXTENT OF ICRA CLASS SCOPE
- CABLE INSTALLATION ROUTE, FIELD VERIFY CONDITIONS PRIOR TO COMMENCEMENT OF WORK. SEE TELECOMM DRAWINGS FOR EXTENT OF WORK

DEMOLITION GENERAL NOTES

- REFER TO G SERIES FOR DEMOLITION NOTES & HAZARDOUS MATERIAL NOTES

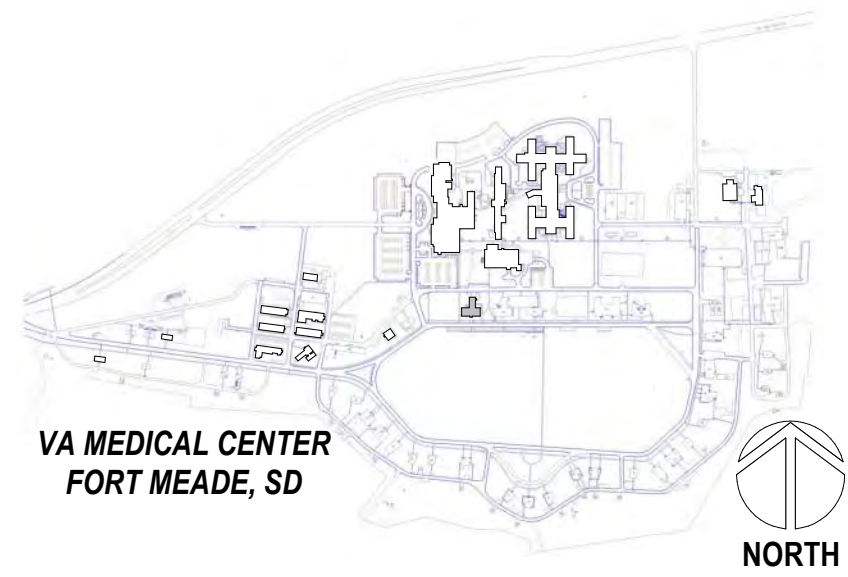
KEYNOTES

- CAREFULLY REMOVE EXISTING DOOR, FRAME AND HARDWARE, RETURN TO OWNER
- DEMO EXISTING WALL IN ITS ENTIRETY INCLUDING ANY WALL MOUNTED DEVICES. TERMINATE CONDUITS AT NEAREST J-BOX. PREP FLOOR TO RECEIVE NEW FINISH
- CAREFULLY REMOVE CEILING TILES AND OTHER CEILING MOUNTED DEVICES ALONG ABOVE CEILING WORK ROUTE. CAREFULLY STORE IN NON-TRAFFICKED AREA AND PREPARE FOR REINSTALLATION AT COMPLETION OF WORK
- DEMOMOVE/LOCATE EXISTING ELECTRICAL PANELS. SEE ELECTRICAL AND TELECOM DRAWINGS
- CORE DRILL THROUGH MASONRY WALL AS REQUIRED. PROVIDE OPENING 1/2" LARGER THAN CONDUIT SIZE. SEE MECHANICAL AND/OR TELECOM DRAWINGS FOR CONDUIT SIZE AND QUANTITIES. PATCH AND SEAL ALL NEW PENETRATIONS. APPLY APPROPRIATE HLTI FIRE RATED SEAL FOR TYPE OF PENETRATION AT RATED WALL CONDITION
- CORE DRILL THROUGH FLOOR NEW PIPE OR CONDUIT INSTALLATION. APPLY APPROPRIATE HLTI FIRE RATED SEAL FOR TYPE OF PENETRATION. SEE MEP OR TELECOM DRAWINGS FOR COORDINATION
- INSTALL SELF-LEVELING COMPOUND FULL EXTENT OF FLOORING REMOVAL. PREPARE TO RECEIVE NEW FINISHES IN TR ROOM. SEAL OTHERWISE
- DEMO MINIMUM AMOUNT OF WALL FOR INSTALLATION OF PIPE/CONDUIT. PATCH WITH COMPATIBLE MATERIAL TO THICKNESS FLUSH WITH EXISTING WALL. APPLY JOINT COMPOUND TO ACHIEVE A SMOOTH AND UNIFORM WALL. SKIM COAT FULL LENGTH OF WALL IF NECESSARY. PREPARE FOR NEW FINISHES
- SECURITY GRILL 2" x 2" x 10GA WIRE MESH WELDED TO 1 1/2" x 1 1/4" x 13GA ROLL FORMED ANGLE FRAME. PROVIDE 3" CLIPS. ANCHOR DIRECTLY THROUGH PLYWOOD ONTO EXISTING WALL
- PATCH ALL DAMAGED WORK ON EXISTING SURFACES ABOVE AND BELOW CEILING TILES. PAINT ALL WALLS. PROVIDE NEW RESILIENT 6TH RESILIENT WALL BASE
- ICRA CLASS II. SEE SPECS FOR WORKING HOURS RESTRICTIONS
- ICRA CLASS I. SEE SPECS FOR WORKING HOURS RESTRICTIONS
- INFECTION PREVENTION. FIRE RATED, 6MM PLASTIC BARRIER SEALED TOP, BOTTOM, AND SIDES. PROVIDE VESTIBULE AREA FOR DOWNING / UNDOING AND NEGATIVE PRESSURE WITHIN CONSTRUCTION AREA IN ICRA CLASS IV. SEE SPECS FOR OTHER ICRA CONSTRUCTION REQUIREMENTS
- NEW REFRIGERANT PIPE LINES ROUTING SHOWN FOR REFERENCE ONLY. SEE MECHANICAL DRAWINGS FOR ACTUAL ROUTING. CONTRACTOR TO REMOVE CEILING TILES ALONG ROUTE OUTSIDE OF TRS AND REPLACE WITHIN WORKING SHIFT. CONDUCT INFECTION PREVENTION MEASURES AS SPECIFIED

ROOM ALLOCATION LEGEND

- PROPOSED NEW CABINET / TR / MCR LOCATION
- PROPOSED EXPANSION TO TR
- EXISTING TR WITH POWER AND FIBER UPGRADES. SEE TELECOMM AND ELECTRICAL DRAWINGS
- ABANDONED ROOM
- ROOM TO REMAIN, NO WORK
- REMODEL REQUIRED DUE TO EHRM IMPACT

PROJECT KEY PLAN



Revisions:	Date:

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STAMP

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE
53-DEMOLITION FLOOR PLANS

APPROVED: Project Director

PHASE
95% CD

FLS
FULLY SPRINKLERED

PROJECT TITLE EHRM INFRASTRUCTURE UPGRADES		PROJECT NUMBER 568-21-701	
LOCATION FORT MEADE, SOUTH DAKOTA		BUILDING NUMBER BLDG 53	
ISSUE DATE 03/08/2022	CHECKED BY TMP	DRAWN BY JPR	DRAWING NUMBER 53-AD-201

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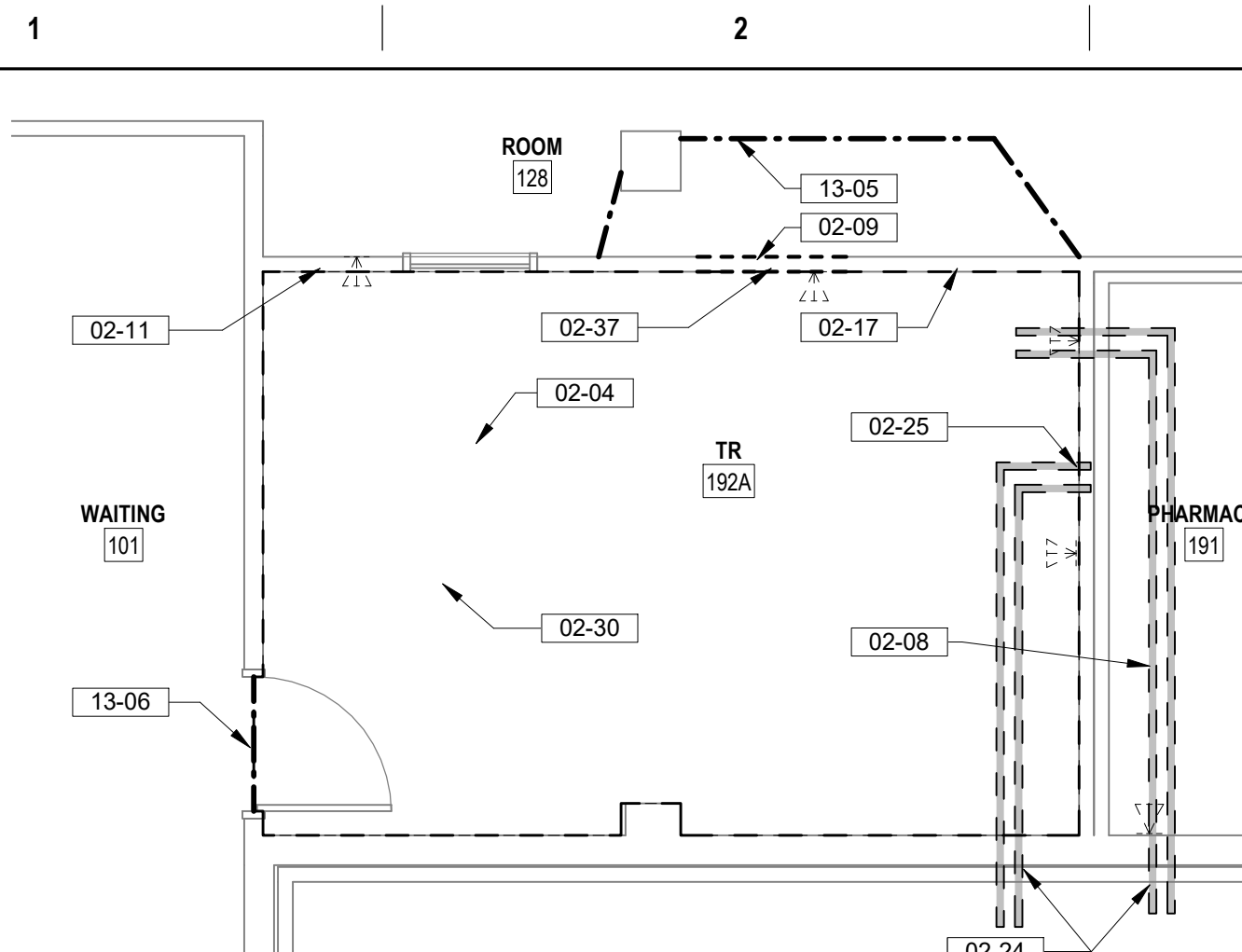
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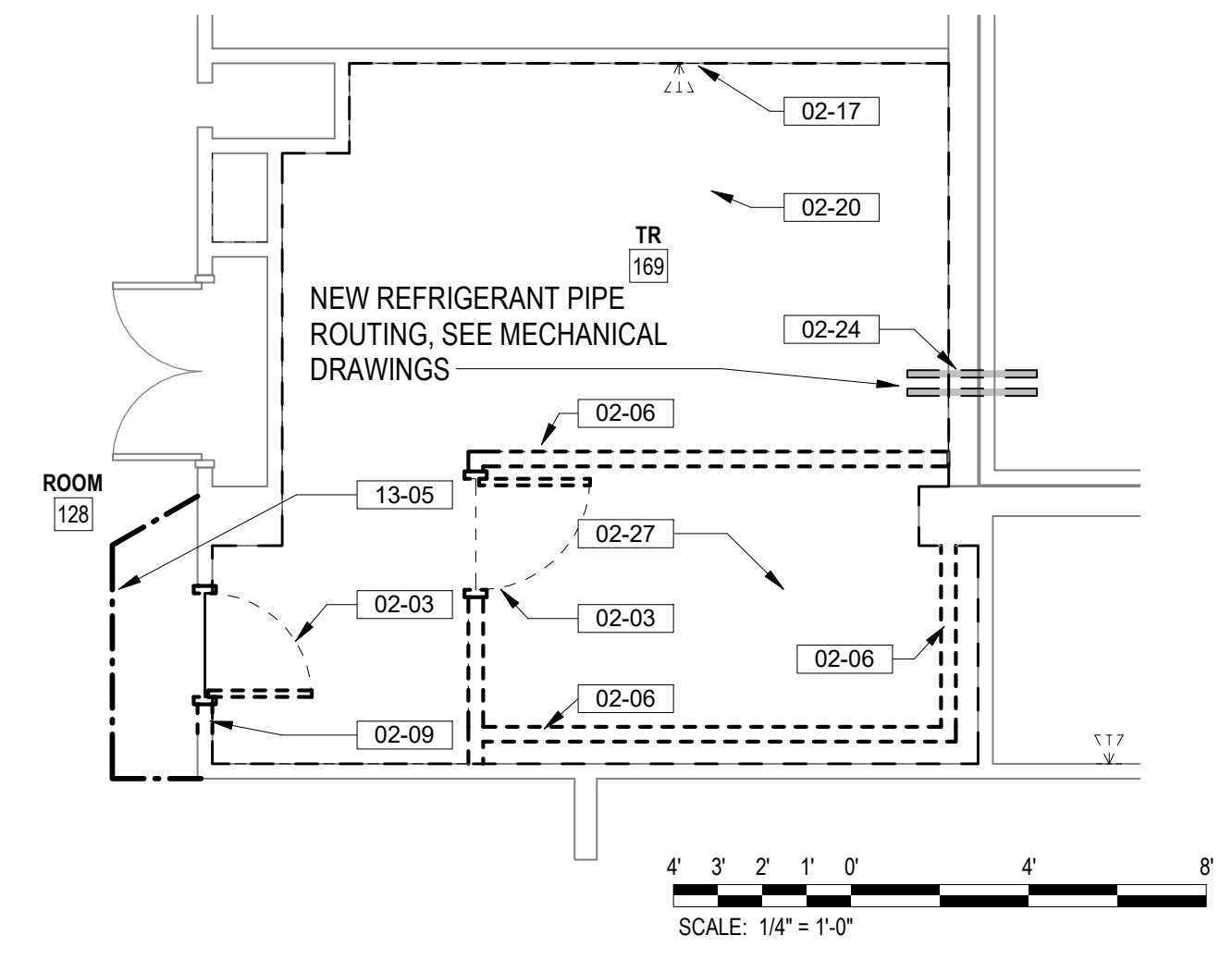
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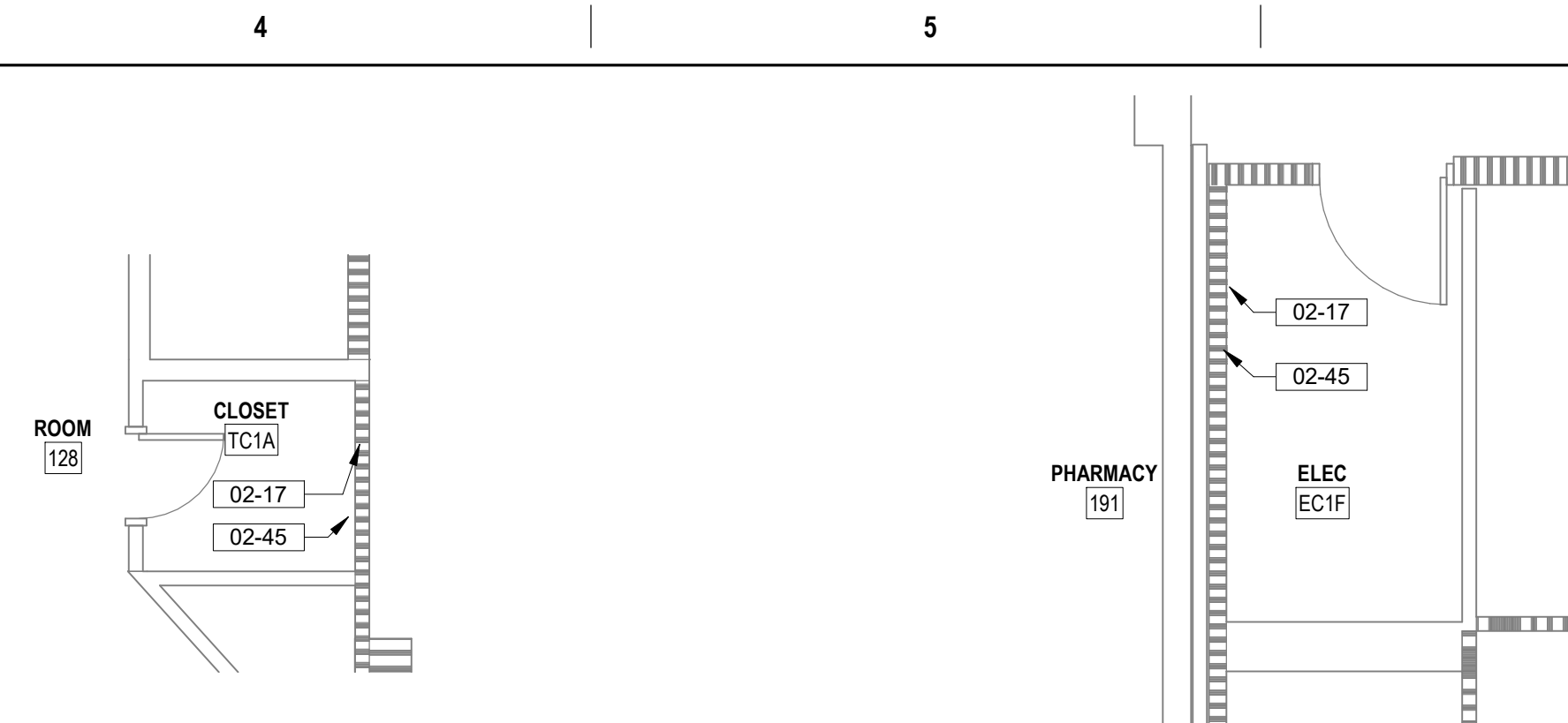
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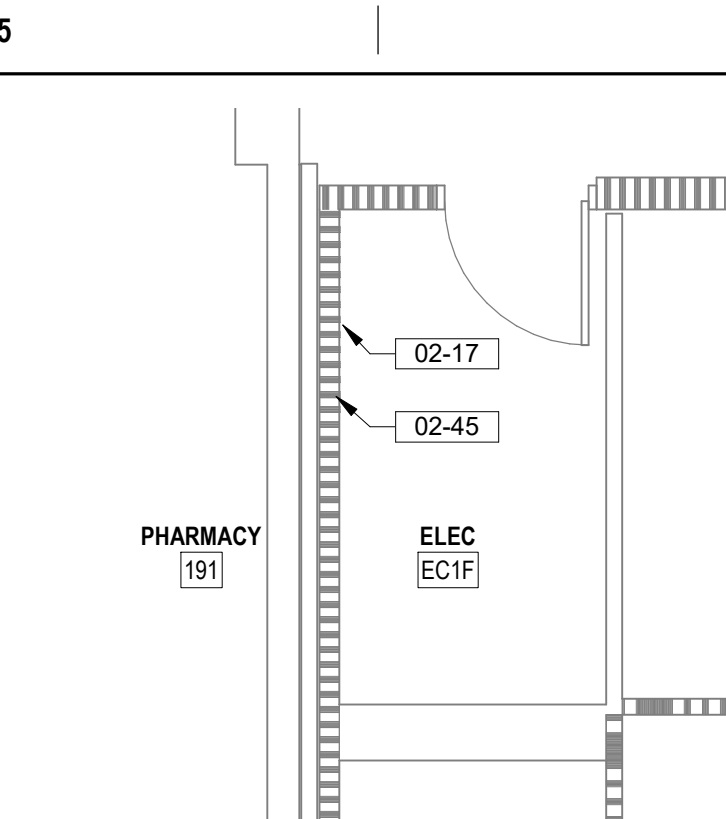
16 LEVEL 1 ROOM 192 DEMOLITION PLAN
1/4" = 1'-0"



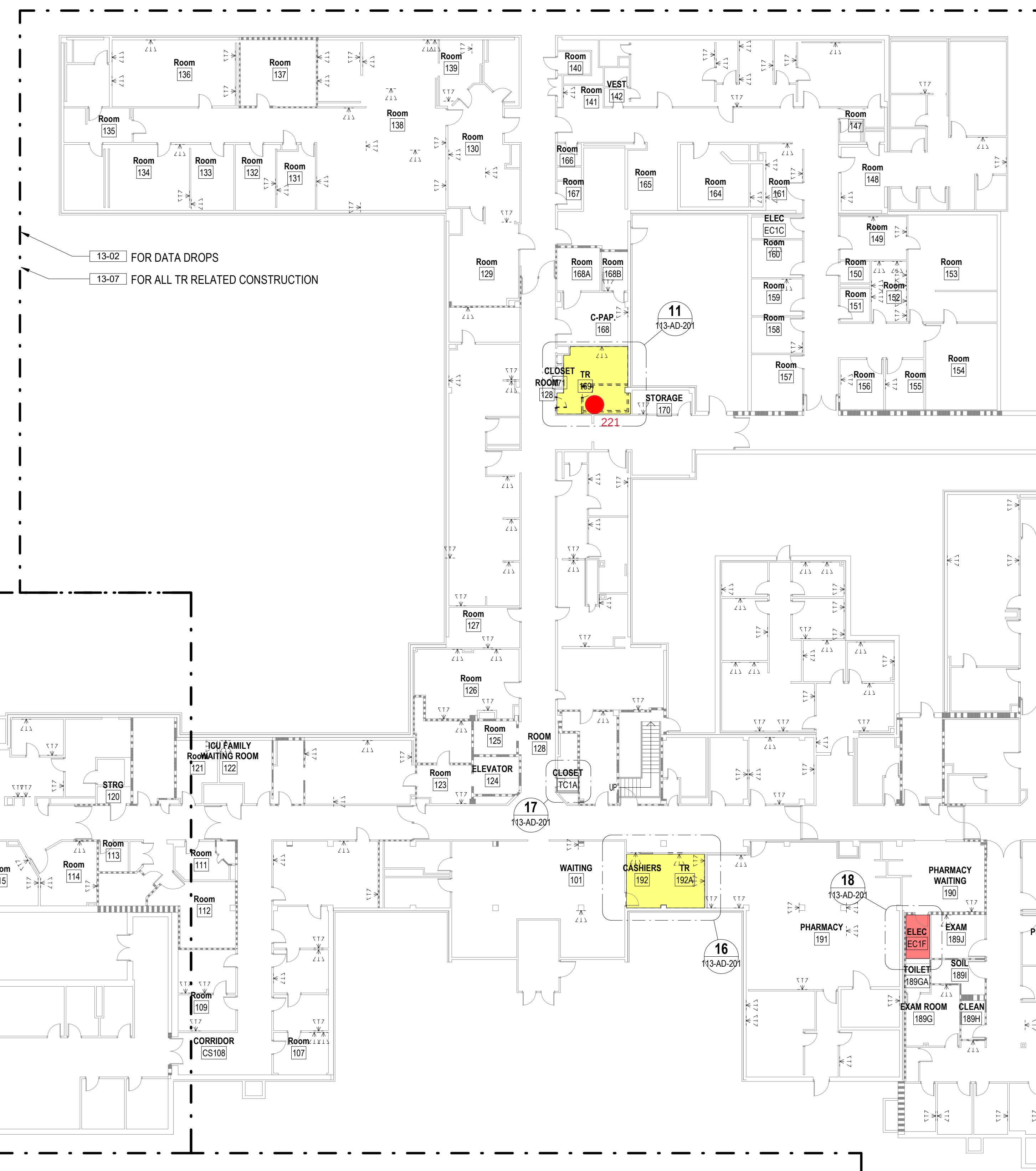
11 LEVEL 1 ROOM 169 DEMOLITION PLAN
1/4" = 1'-0"



17 EXISTING TC1A DEMO PLAN
1/4" = 1'-0"



18 LEVEL 1 EC1F DEMO PLAN
1/4" = 1'-0"



DEMOLITION GENERAL NOTES

- SEE G SERIES SHEETS FOR ALL DEMOLITION NOTES AND HAZARDOUS MATERIAL NOTES.
- IN HOSPITAL OCCUPANCY, CONTRACTORS ARE TO USE A CONSTRUCTION CONTAINMENT CUBE WITH HEPA VACUUM TO MAINTAIN NEGATIVE PRESSURE AS A MEANS TO ACCESS AREAS ABOVE CEILING TILES. THIS INCLUDES ALL PATIENT CORRIDORS AND ALL ACUTE CARE PATIENT AREAS. THIS IS IN CONJUNCTION WITH THE HOSPITAL'S INFECTION PREVENTION MEASURES AND ICRA PROTOCOLS.

KEYNOTES

- CAREFULLY REMOVE EXISTING DOOR, FRAME AND HARDWARE. RETURN TO OWNER.
- DEMO CARPET, BASE, AND ADHESIVES. PREPARE FLOOR FOR NEW STATIC DISSIPATIVE RESILIENT FLOORING AND BASE.
- DEMO EXISTING WALL IN ITS ENTIRETY INCLUDING ANY WALL MOUNTED DEVICES. TERMINATE CONDUITS AT NEAREST J-BOX, PREP FLOOR TO RECEIVE NEW FINISH.
- CAREFULLY REMOVE CEILING TILES AND OTHER CEILING MOUNTED DEVICES ALONG ABOVE CEILING WORK ROUTE. CAREFULLY STORE IN NON-TRAFFICED AREA AND PREPARE FOR REINSTALLATION AT COMPLETION OF WORK.
- DEMO WALL AS REQUIRED TO RECEIVE NEW DOOR AND FRAME.
- EXTENT OF DEMOLITION WORK SHOWN DASHED.
- PATCH/REPAIR ALL WALL DAMAGE TO UNDERSIDE OF STRUCTURAL DECK AND PREPARE FOR NEW FINISHES IF SPECIFIED, TYP. EXTEND WALL TO DECK IF NOT IN PLACE. PATCH FIRE RATED WALLS WITH APPROPRIATE FIRE RATED SYSTEMS TO MAINTAIN EXISTING WALL INTEGRITY.
- DEMO FLOOR & FLOOR BASE, PATCH WALLS, PREPARE FOR NEW FINISHES.
- CORE DRILL THROUGH MASONRY WALL AS REQUIRED. PROVIDE OPENING 12" LARGER THAN CONDUIT SIZE. SEE MECHANICAL AND/OR TELECOM DRAWINGS FOR CONDUIT SIZE AND QUANTITIES. PATCH AND SEAL ALL NEW PENETRATIONS. APPLY APPROPRIATE HILTI FIRE RATED SEAL FOR TYPE OF PENETRATION AT RATED WALL CONDITION.
- CORE DRILL THROUGH FLOOR NEW PIPE OR CONDUIT INSTALLATION. APPLY APPROPRIATE HILTI FIRE RATED SEAL FOR TYPE OF PENETRATION. SEE MEP OR TELECOM DRAWINGS FOR COORDINATION.
- DEMO EXISTING TILE FLOOR. APPLY SELF-LEVELING COMPOUND AND PREPARE TO RECEIVE NEW FLOORING.
- DEMO EXISTING CEILING TILE, LIGHT FIXTURES AND ANY CEILING MOUNTED DEVICES. REMOVE EXISTING SPRINKLER HEADS AND TURN UP DISCHARGE PIPE. PROVIDE NEW FIRE SUPPRESSION HEADS AT EXPOSED CONDITIONS.
- DEMO EXISTING WINDOW AND PERIMETER AS REQUIRED FOR INSTALLATION OF NEW DOOR OR DOOR OPENING.
- CONTRACTOR TO PATCH WALLS SMOOTH ALL WORK RESULTING IN THE REMOVAL OF TELECOM OR ELECTRICAL DEVICES IN ROOM. PATCH ONLY, NO PAINT.
- ICRA CLASS III. SEE SPECS FOR WORKING HOURS RESTRICTIONS.
- ICRA CLASS IV. SEE SPECS FOR WORKING HOURS RESTRICTIONS.
- INFECTION PREVENTION, FIRE RATED, 6MM PLASTIC BARRIER SEALED TOP, BOTTOM, AND SIDES. PROVIDE VESTIBULE AREA FOR GOWNING / UNGOWNING AND NEGATIVE PRESSURE WITHIN CONSTRUCTION AREA IN ICRA CLASS IV. SEE SPECS FOR OTHER ICRA CONSTRUCTION REQUIREMENTS.
- SEAL PERIMETER OF DOOR TO MAINTAIN NEGATIVE PRESSURE WITHIN CONSTRUCTION AREA. PROTECT FINISH DURING CONSTRUCTION.
- ICRA CLASS III / IV. VERIFY WITH C.O.R., SEE SPECS FOR WORKING HOURS RESTRICTIONS.

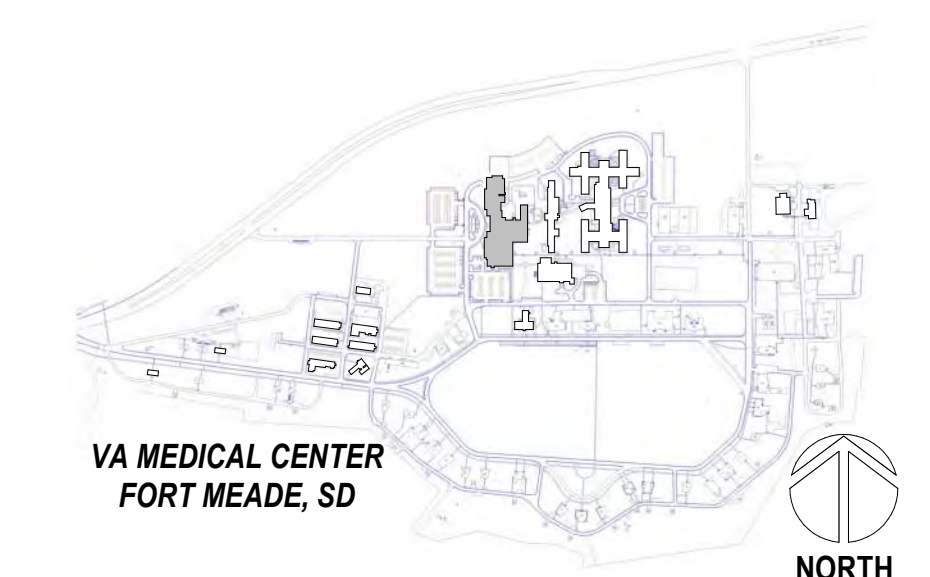
DEMOLITION LEGEND

- INDICATES BUILT ITEM TO BE REMOVED
- INDICATES LIGHT FIXTURE TO BE REMOVED
- INDICATES EXTENT OF ICRA CLASS SCOPE
- CABLE INSTALLATION ROUTE. FIELD VERIFY CONDITIONS PRIOR TO COMMENCEMENT OF WORK, SEE TELECOM DRAWINGS FOR EXTENT OF WORK

ROOM ALLOCATION LEGEND

- PROPOSED NEW CABINET / TR / MCR LOCATION
- PROPOSED EXPANSION TO TR
- EXISTING TR WITH POWER AND FIBER UPGRADES. SEE TELECOM AND ELECTRICAL DRAWINGS
- ABANDONED ROOM
- ROOM TO REMAIN, NO WORK
- REMODEL REQUIRED DUE TO EHRM IMPACT

PROJECT KEY PLAN

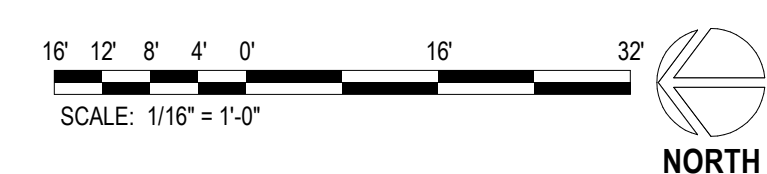


VA MEDICAL CENTER
FORT MEADE, SD



FIRST FLOOR PLAN

1 1/16" = 1'-0"



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STAMP

PROGRAM CONTRACTING ACTIVITY CENTRAL (PCAC)

VA U.S. Department of Veterans Affairs

DRAWING TITLE
113-LEVEL 1 DEMOLITION PLAN

APPROVED: Project Director

PHASE
95% CD

FLS
FULLY SPRINKLERED

PROJECT TITLE
EHRM INFRASTRUCTURE UPGRADES

LOCATION
FORT MEADE, SOUTH DAKOTA

ISSUE DATE
03/08/2022

CHECKED BY
TMP

DRAWN BY
JPR

PROJECT NUMBER
568-21-701

BUILDING NUMBER
BLDG 113

DRAWING NUMBER
113-AD-201

PROJECT KEY PLAN

-
- VA MEDICAL CENTER
FORT MEADE, SD
- A detailed site plan of the VA Medical Center in Fort Meade, South Dakota. The plan shows a large central building complex, several parking lots with individual parking spaces marked, and various smaller structures. A north arrow is located in the bottom right corner, pointing upwards.

16' 12' 8' 4' 0' 16' 32'

SCALE: 1/16" = 1'-0"



PROJECT NUMBER
568-21-701

BUILDING NUMBER
BLDG 148

DRAWING NUMBER
148-AD-201

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FLOOR PLAN NOTES

1. SEE G SERIES SHEETS FOR BALANCE OF PLAN GENERAL NOTES.
2. REFER TO STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. ALL INFORMATION REGARDING EXISTING CONDITIONS IS BASED UPON OWNER-SUPPLIED DOCUMENTS AND MAY NOT PRECISELY REFLECT FIELD CONDITIONS.
3. PROVIDE ALL BACKING FOR MILLWORK, GRAB BARS, AND ANY AND ALL WALL MOUNTED EQUIPMENT OR ACCESSORIES; COORDINATE LOCATIONS.
4. ALL DIMENSIONS ARE FROM STRUCTURAL OR UNFINISHED FACE OF STUD, UNLESS OTHERWISE NOTED.
5. PROVIDE A SMOOTH AND LEVEL FINISH FLOOR, TYP. PATCH AND REPAIR ALL INCONSISTENCIES IN FLOOR ELEVATIONS.
6. PATCH AND REPAIR ANY / ALL WALL SURFACES AS REQUIRED TO PROVIDE SUITABLE SUBSTRATE FOR FINISHES.
7. REFER TO DOOR AND FRAME SCHEDULE FOR DOORS REQUIRING ADA ACCESS CONTROL.
8. PROVIDE ACOUSTICAL SEALANT AROUND WALL EDGES, TOP AND BOTTOM, AND PENETRATIONS, AND INSTALL PUTTY PADS AROUND ELECTRICAL BOXES WHERE PARTITION CONTAINS ACOUSTICAL INSULATION.
9. ALL TELECOMMUNICATION ROOMS ARE TO HAVE EXPOSED STRUCTURE UNLESS NOTED OTHERWISE, NO CEILINGS SPECIFIED.

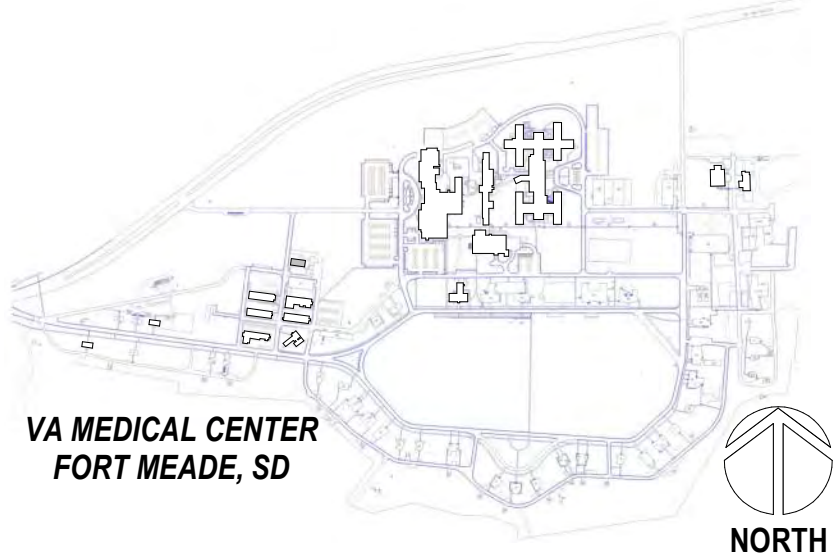
FLOOR PLAN LEGEND

-  CARD READER, REF TELECOM DRAWINGS
-  DATA PORT, REF TELECOM DRAWINGS
-  OUTLET, REF ELEC DRAWINGS
-  WIRELESS ACCESS POINT, REF TELECOM DRAWINGS
-  ELEC PANEL, REF ELEC DRAWINGS
-  STRIP LIGHT FIXTURE, REF ELEC DRAWINGS

KEYNOTES

- 01-01 CLEAN UP AREA AROUND PROPOSED WALL MOUNTED CABINET LOCATION; COORDINATE WITH C.O.R. FOR RELOCATION OR REMOVAL OF INSTALLATION OBSTRUCTING ITEMS.
- 08-03 ADA DOOR CLEARANCES SHOWN DASHED
- 09-10 PAINT FULL LENGTH OF WALL TO NEAREST EXTERIOR OR INTERIOR CORNER, COLOR TO MATCH EXISTING WALLS.
- 09-18 6" HIGH COVERED RUBBER WALL BASE, COLOR TO BE SELECTED FROM MANUFACTURER'S STANDARD SELECTION
- 09-28 PAINT ENTIRE ROOM, COLOR TO MATCH EXISTING
- 13-04 ICRA CLASS I, SEE SPECS FOR WORKING HOURS RESTRICTIONS
- 26-09 30" CLEARANCE AT WALL MOUNTED SERVER RACK SHOWN DASHED
- 26-10 WALL MOUNTED TELECOM CABINET, SEE TELECOM DRAWINGS

PROJECT KEY PLAN



2 T171 - LEVEL 1 FLOOR PLAN
1/4" = 1'-0"

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PROGRAM
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ACTIVITY
CENTRAL (PCAC)

 U.S. Department
of Veterans Affairs

DRAWING TITLE
T171-FLOOR PLANS

APPROVED: Project Director

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FLS
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PROJECT TITLE
EHRM INFRASTRUCTURE
UPGRADES

LOCATION
FORT MEADE, SOUTH DAKOTA

ISSUE DATE
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PROJECT NUMBER
568-21-701

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DRAWING NUMBER
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DEMOLITION LEGEND

- INDICATES BUILT ITEM TO BE REMOVED
- INDICATES LIGHT FIXTURE TO BE REMOVED
- INDICATES EXTENT OF ICRA CLASS SCOPE
- CABLE INSTALLATION ROUTE, FIELD VERIFY CONDITIONS PRIOR TO COMMENCEMENT OF WORK. SEE TELECOMM DRAWINGS FOR EXTENT OF WORK

DEMOLITION GENERAL NOTES

1. REFER TO G SERIES FOR DEMOLITION NOTES & HAZARDOUS MATERIAL NOTES

KEYNOTES

- 02-15 PROTECT EXISTING WINDOW DURING CONSTRUCTION
- 02-42 DEMO EXISTING WINDOW AND PERIMETER TRIM, INFIL WITH METAL STUDS AND 5/8" TYPE 'X' GYPSUM AS REQUIRED TO MATCH EXISTING WALL THICKNESS; PREPARE TO RECEIVE NEW FINISHES.
- 13-04 ICRA CLASS I, SEE SPECS FOR WORKING HOURS RESTRICTIONS

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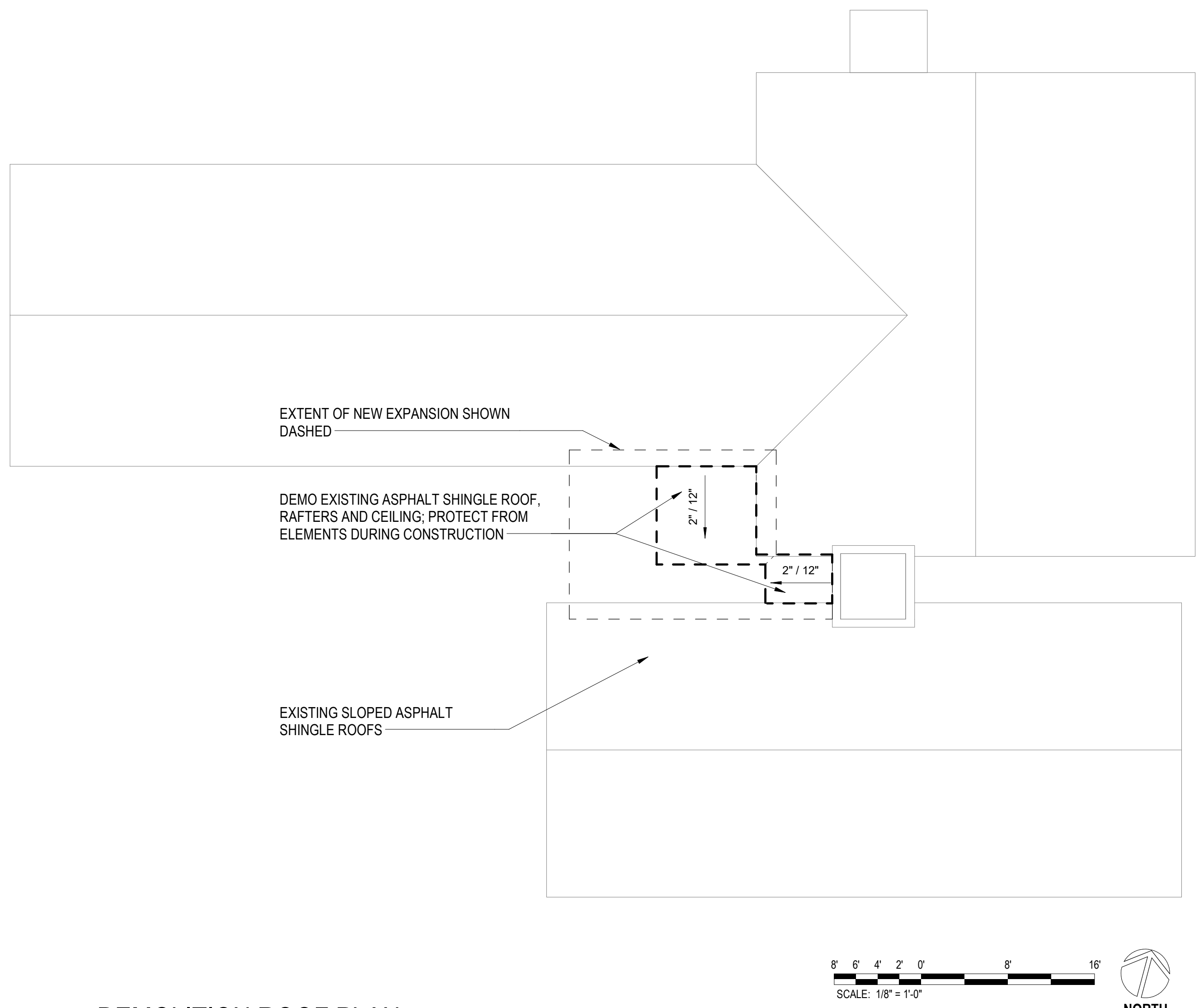
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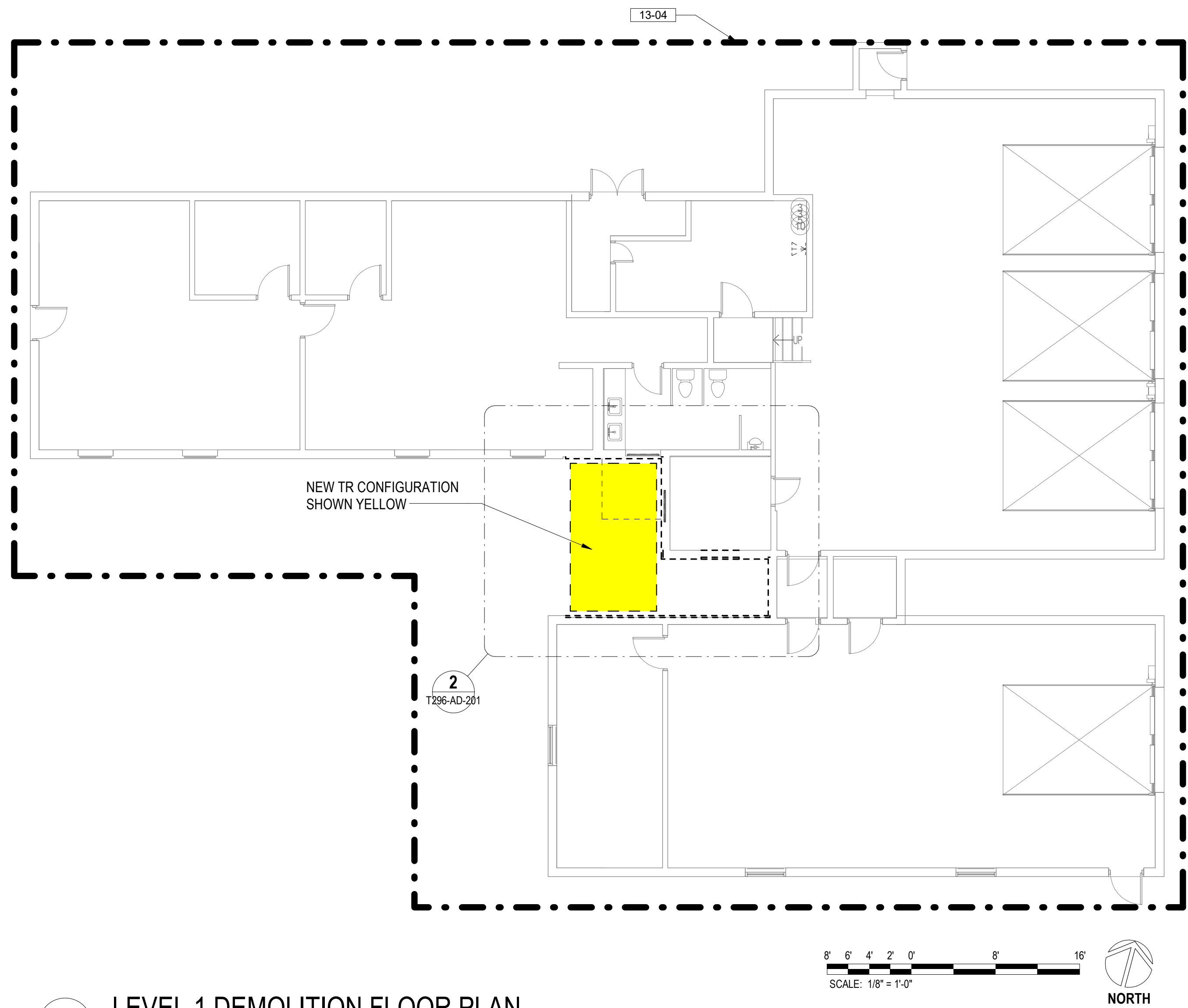
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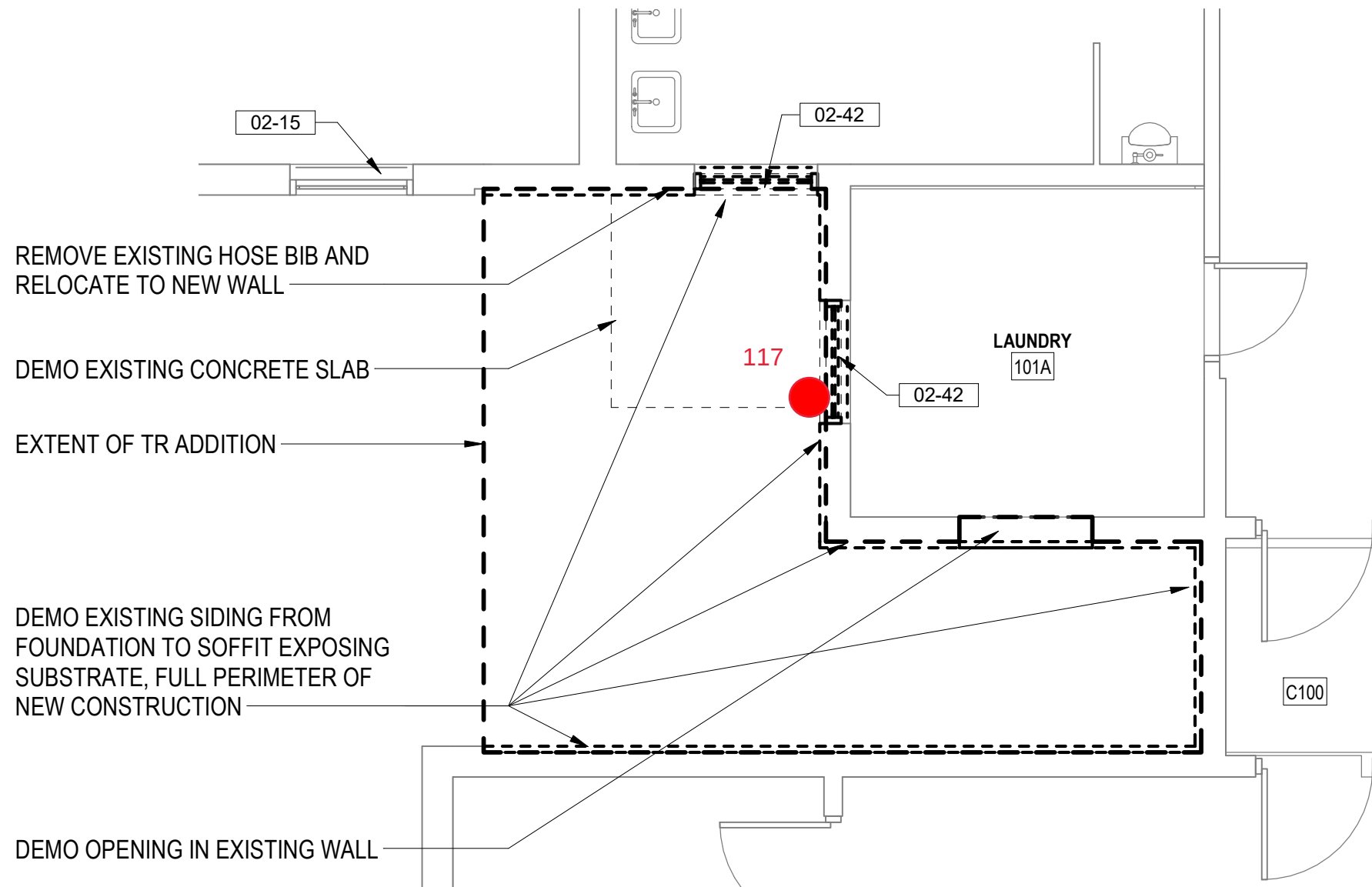


133 DEMOLITION ROOF PLAN



3 LEVEL 1 DEMOLITION FLOOR PLAN

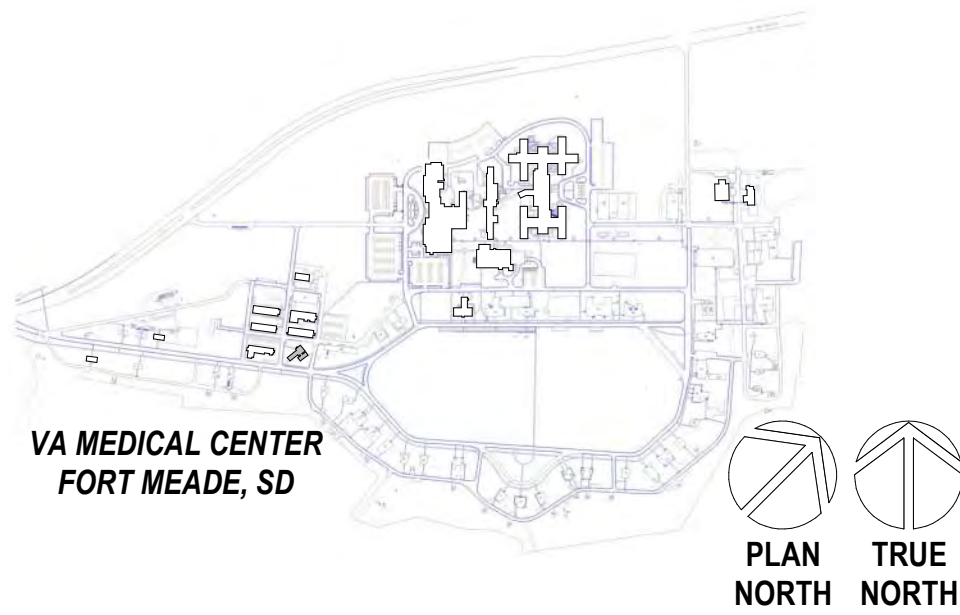
2 ENLARGED DEMOLITION PLAN



ROOM ALLOCATION LEGEND

- PROPOSED NEW TR LOCATION
- PROPOSED EXPANSION TO TR
- EXISTING TR TO BE UPDATED
- ABANDONED ROOM
- ROOM TO REMAIN, NO WORK
- REMODEL REQUIRED DUE TO EHRM IMPACT

PROJECT KEY PLAN



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PROGRAM
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ACTIVITY
CENTRAL (PCAC)

VA U.S. Department
of Veterans Affairs

DRAWING TITLE
T296-LEVEL 1 DEMOLITION PLAN

APPROVED: Project Director

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PROJECT TITLE
EHRM INFRASTRUCTURE
UPGRADES

LOCATION
FORT MEADE, SOUTH DAKOTA

ISSUE DATE
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PROJECT NUMBER
568-21-701

BUILDING NUMBER
BLDG T296

DRAWING NUMBER
T296-AD-201

Appendix A

Explanation of Tables

Appendix A - TABLE FORMAT EXPLANATION

The field data and the laboratory results are presented in the following tabular format:

Appendix B: Material Identification Inventory

- A room by room inventory of material types, quantity, conditions and potential for future disturbance.

Appendix C: Material Sample Analysis

- Indicates the location of bulk sample collection, material description and approximate percentage and type of fibers present.

MATERIAL IDENTIFICATION INVENTORY KEY

Floor, Location, Room – The floor, location, and room refers to where the material was located.

Material Code (Mat'l Code) - Asbestos-containing materials are categorized into three main types:

- 1) Surfacing Material (S): Material in a building that is sprayed-on, troweled-on, or otherwise applied to surfaces.
- 2) Thermal System Insulation (T): Material applied to pipes, fittings, tanks, ducts, etc., to prevent heat loss or gain or serve as condensation control.
- 3) Miscellaneous Material (M): Material on interior structural components, structural members or fixtures, but not including surfacing materials and thermal insulators (e.g., floor and ceiling tiles).

Material Identification - Description of the material found in the location. (NOTE: Pipe diameters are approximate, outside diameters of the insulating materials).

Asbestos Content - This column specifies whether or not the bulk sample, or referenced bulk sample, for the described material tested contains >1% asbestos. ND means "No Asbestos Detected", NS means "Material Is Not Suspect", PRE means "Presumed Asbestos-Containing Material"; NT means "Not Tested". TR means "Trace" (trace = <1%).

Reference Sample Number - The sample number refers to the number assigned to the set of samples collected for the homogeneous material described (refer to Appendix C).

Quantity - The amount of material present. The parameters of each quantity expressed as follows:

- 1) Square Feet (SF)
- 2) Linear Feet (LF)
- 3) Each (EA)

Physical Assessment - This column is divided into two sections describing the condition of the material at the time of the survey.

The first column expressed the friability of the material as follows:

- 1) Friable (F) - The material can be pulverized and reduced to a powder by manual pressure when dry; this could include damaged non-friable materials.
- 2) Non-Friable (N) - The material can not be crumbled using hand pressure.

The second column expressed the conditions of the material at the time of the survey as follows:

- N - Not Damaged
- D - Damaged, the material has deteriorated or sustained physical injury such that it is not intact, less than 25% localized damage or less than 10% overall damage.
- S - Significantly Damaged, the damage is extensive and severe, the asbestos-containing material has sustained greater than 25% localized damage or greater than 10% overall damage.

Damage Potential - This is a group of four columns that address the potential for the material to be disturbed/damaged in the future as follows:

- L - Low potential for damage
 - M - Moderate potential for damage
 - H - High potential for damage or significant damage
- 1) Air Erosion (Air): The potential for air erosion to a material is determined by the movement of air in the area of the material and the relationship between the friability of the material and its location in respect to air plenums and air streams.
 - 2) Vibrational Damage (Vib): This type of damage potential is determined by the presence of sounds, motors, mechanical equipment or other vibrational disturbances.
 - 3) Accessibility (Acc): This column indicates the general use patterns of the area and the potential for contact with the material abbreviated as follows:
 - L - accessed less than once per month
 - M - routine access by Operations and Maintenance Workers, between once per week to once per month
 - H - generally accessible, routine contact by any building occupant, access more than once per week

MATERIAL SAMPLE ANALYSIS KEY

CHAIN OF CUSTODY

Sample Numbers: The sample number refers to the number assigned to the set of samples taken from a single homogeneous material. The letter following the number identifies samples individually within a homogeneous sample series (e.g. "A", "B", and "C" for three samples of one floor tile type).

Description: This column is a written description of the material that was sampled.

Notes – The floor, location, and room refers to where the material was located.

Sample Type : Bulk samples are identified by the letter B.

LAB RESULTS: ASBESTOS PLM REPORT: METHOD 600/R-93-116

Location: Represents the sample number and material description from the Chain of Custody.

Percent and Type Asbestos: This is a detailed breakdown of approximate percentage and mineral species of asbestos found during bulk sample analysis.

Percent and Type Non-Asbestos and Percent Non-Fibrous Constituents: Listing of approximate percentage of the remaining.

ASBESTOS BUILDING SURVEY METHODS

The asbestos survey was conducted in accordance with 29CFR1926.1101, 40 CFR Part 61 and state or local requirements. All surveys are conducted by accredited inspectors.

The asbestos survey included identifying friable and non-friable, asbestos-containing building materials (ACBM), on an area-by-area basis, assessment of friability, current condition and potential for future disturbance of the material, an estimate of the amount of ACBM, and an overall condition rating of the material.

AET identified and categorized suspect materials into three groups: 1) thermal system insulation (T) including pipe, HVAC insulation and fitting insulation; 2) sprayed-on or troweled-on surfacing material (S) including acoustical plaster, soundproofing, fireproofing, and decorative materials; and 3) miscellaneous materials (M) including ceiling tile and floor tile.

The inspector performed a visual estimation of the quantity of asbestos-containing materials and the current condition of these materials in all accessible areas. Factors included in the condition assessment are adhesion of the material to the underlying substrate, deterioration of the outer covering, delamination, contact damage, and materials disintegration.

Friability and potential for future damage of asbestos materials was also assessed by the inspector. Damage potential was evaluated by observation of conditions most likely to result in disturbance of asbestos-containing materials. These conditions are:

Air Erosion -- A direct air stream moving across the material erodes the material, thereby creating airborne fibers. The potential for air erosion is determined by the relationship between the friability of the material and its location in respect to air plenums and air streams.

Vibrational Damage - determined by the presence of noise, physical movement and mechanical vibrations, which can create ambient fiber release.

Accessibility - If the material can be reached, it is accessible and subject to accidental or intentional contact damage.

Bulk samples of suspect materials were collected in a random and unbiased manner. Representative bulk samples of suspect materials were collected to determine the extent of ACBM present throughout the building. Sampling was completed in accordance with 40CFR763 (AHERA).

Sampling procedures utilized by the accredited inspector minimized fiber dispersal and conformed with applicable regulations. Suspect asbestos-containing materials were analyzed by a NVLAP accredited laboratory using the Environmental Protection Agency (EPA) recommended polarized light microscopy (PLM) with dispersion staining analytical technique.

The Environmental Protection Agency (EPA) requires that any sample with an asbestos content estimated to be less than 10 percent by a method other than point counting, such as visual estimation, shall be repeated using the point counting technique with PLM. However, if the laboratory detects asbestos in the samples and estimates the amount by visual estimation to be less than 10 percent, the owner or operator of the building may elect to treat the material as asbestos-containing. A sample in which no asbestos is detected does not require repeat analysis using point counting techniques with PLM. Samples analyzed for this survey with values less than 10 percent have not been point counted and have been assumed to contain asbestos greater than 1 percent.

Appendix B

Material Identification and Inventory

Appendix B - Materials Inventory Report

Client Name: GDM
 Project Number: P-0011150
 Project Manager: Bruce A. Boehm Carlson
 Sample Set Name: 1

Building Number: 113
 Building Name Black Hills Health Care System
 Building Address 1: 113 Camanche Road
 Building Address 2:
 City, State Zip: Fort Meade, SD 57741

Area Location Room Number	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 110 Floor 01 102	316 110FW	Concrete Building 110 Floor/Walls	M	NS			Non-Friable		0	NA
Notes: Located throughout the building.										
Building 110 Floor 01 102	321 110G	Caulk Building 110 Gray	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 110 Floor 01 102	321 110W	Caulk Building 110 White	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 110 Floor 01 102	329 110WC	Wood Building 110 Walls and Ceiling	M	NS			Non-Friable		0	NA
Notes: Located throughout the building.										
Building 113 Basement B01	202 113W	4-8 Fiberglass Pipe Insulation Building 113 White	T	NS			Non-Friable		0	NA
Notes: Located throughout the building.										

Client Name: GDM**Project Number: P-0011150****Project Manager: Bruce A. Boehm Carlson****Sample Set Name: 1****Building Number: 113****Building Name Black Hills Health Care System****Building Address 1: 113 Camanche Road****Building Address 2:****City, State Zip: Fort Meade, SD 57741**

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 113	303	2x4 Ceiling Tile	M	ND			Friable		7	7
Basement	113PHF	Building 113 Pinhole Fissure								
B01										
Notes: Located throughout the building.										
Building 113	308	Base Cove & Mastic	M	ND			Non-Friable			
Basement	113LBR	Building 113 Light Brown								
B01										
Notes: Located throughout the building.										
Building 113	316	Concrete	M	NS			Non-Friable		0	NA
Basement	113FWC	Building 113 Floors/Walls/Ceilings								
B01										
Notes: Located throughout the building.										
Building 113	302	2x2 Ceiling Tile	M	ND			Friable		7	7
Basement	113W	Building 113 White								
B29										
Notes: Located throughout the building.										
Building 113	308	Base Cove & Mastic	M	ND			Non-Friable			
Basement	1136BG	Building 113 6" Beige								
B29										
Notes: Located throughout the building.										

Client Name: GDM**Project Number: P-0011150****Project Manager: Bruce A. Boehm Carlson****Sample Set Name: 1****Building Number: 113****Building Name Black Hills Health Care System****Building Address 1: 113 Camanche Road****Building Address 2:****City, State Zip: Fort Meade, SD 57741**

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 113	310	12x12 Floor Tile &	M	ND			Non-Friable			
Basement	113LGM	Building 113 Light Gray Mottled								
B29										
Notes: Located in various rooms throughout the building.										
Building 113	311	9x9 Floor Tile & Mastic	M	YES	11 SF		Non-Friable			
Basement	113BGBRS	Building 113 Beige w/ Brown Streaks								
TCBA										
Notes: Only the tile contains asbestos, the mastic is non-detect.										
Building 113	312	Mastic - Floor Tile	M	ND			Non-Friable			
Basement	113T	Building 113 Tan								
TCBA										
Notes: Located throughout the building.										
Building 113	109	Plaster	S	ND			Friable		7	7
Floor 01	113WC	Building 113 Walls and Ceiling								
169										
Notes: Located throughout the building.										
Building 113	302	2x2 Ceiling Tile	M	ND			Friable		7	7
Floor 01	113 PHC	Building 113 Pinhole Crater								
169										
Notes: Located throughout the building.										

Client Name: GDM**Project Number: P-0011150****Project Manager: Bruce A. Boehm Carlson****Sample Set Name: 1****Building Number: 113****Building Name Black Hills Health Care System****Building Address 1: 113 Camanche Road****Building Address 2:****City, State Zip: Fort Meade, SD 57741**

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 113 Floor 01 169	530 113BRB	Odd Sized Vinyl Floor Tile Building 113 Brown Board	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 113 Floor 01 169A	315 1131BL	Ceramic Tile Building 113 1" Blue	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 113 Floor 01 169A	315 113LY	Ceramic Tile Building 113 4" Light Yellow	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 113 Floor 01 192A	109 113WC	Plaster Building 113 Walls and Ceiling	S	ND			Friable		7	7
Notes: Located throughout the building.										
Building 113 Floor 01 192A	222 113HW	0-4" Fibrous Pipe Fittings Building 113 Hard White	T	YES	15 EA		Friable		7	7
Notes:										

Client Name: GDM**Project Number: P-0011150****Project Manager: Bruce A. Boehm Carlson****Sample Set Name: 1****Building Number: 113****Building Name Black Hills Health Care System****Building Address 1: 113 Camanche Road****Building Address 2:****City, State Zip: Fort Meade, SD 57741**

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 113 Floor 01 192A	302 113WF	2x2 Ceiling Tile Building 113 White Fiber	M	ND			Friable		7	7
Notes: Located throughout the building.										
Building 113 Floor 01 192A	309 113T	Mastic - Carpet Building 113 Tan	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 113 Floor 01 192A	509 113BRF	Adhesive Building 113 Black Raised Floor	M	PRE	156 SF		Non-Friable		0	NA
Notes: Located in the south two thirds of Rm. 192A under raised wood flooring that could not be accessed without causing significant damage.										
Building 113 Floor 01 EC1C	104 113G	Spray Applied Fireproofing Building 113 Gray	S	ND			Friable		7	7
Notes: Located throughout the building.										
Building 113 Floor 01 EC1C	201 113W	0-4 Fiberglass Pipe Insulation Building 113 White	T	NS			Friable		7	7
Notes: Located throughout the building.										

Client Name: GDM**Project Number: P-0011150****Project Manager: Bruce A. Boehm Carlson****Sample Set Name: 1****Building Number: 113****Building Name Black Hills Health Care System****Building Address 1: 113 Camanche Road****Building Address 2:****City, State Zip: Fort Meade, SD 57741**

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 113	305	Sheetrock & Taping Compound	M	ND			Friable		7	7
Floor 01	113WC	Building 113 Walls and Ceiling								
EC1C										
Notes: Located throughout the building.										
Building 113	321	Caulk	M	ND			Non-Friable			
Floor 01	113R	Building 113 Red								
EC1C										
Notes: Located throughout the building.										
Building 113	310	12x12 Floor Tile &	M	ND			Non-Friable			
Floor 01	113WBGB	Building 113 White w/ Beige Blotches								
EC1E										
Notes: Located throughout the building.										
Building 113	109	Plaster	S	ND			Friable		7	7
Floor 01	113WC	Building 113 Walls and Ceiling								
TC1A										
Notes: Located throughout the building.										
Building 113	309	Mastic - Carpet	M	ND			Non-Friable			
Floor 01	113BR	Building 113 Brown								
TC1A										
Notes: Located throughout the building.										

Client Name: GDM**Project Number: P-0011150****Project Manager: Bruce A. Boehm Carlson****Sample Set Name: 1****Building Number: 113****Building Name Black Hills Health Care System****Building Address 1: 113 Camanche Road****Building Address 2:****City, State Zip: Fort Meade, SD 57741**

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 113 Floor 01 TC1A	310 113GM	12x12 Floor Tile & Building 113 Gray Mottled	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 113 Floor 01 TC1A	315 1136BR	Ceramic Tile Building 113 6" Brown	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 113 Floor 01 TCS103	104 113W	Spray Applied Fireproofing Building 113 White	S	ND			Friable		7	7
Notes: Located throughout the building.										
Building 113 Floor 01 TCS103	242 113B	0-4 Foam Pipe Insulation Building 113 Black	T	NS			Non-Friable		0	NA
Notes: Located throughout the building.										
Building 113 Floor 01 TCS103	305 113WC	Sheetrock & Taping Compound Building 113 Walls and Ceiling	M	ND			Friable		7	7
Notes: Located throughout the building.										

Client Name: GDM**Project Number: P-0011150****Project Manager: Bruce A. Boehm Carlson****Sample Set Name: 1****Building Number: 113****Building Name Black Hills Health Care System****Building Address 1: 113 Camanche Road****Building Address 2:****City, State Zip: Fort Meade, SD 57741**

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 113 Floor 01 TCS103	308 1134BG	Base Cove & Mastic Building 113 4" Beige	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 113 Floor 01 TCS103	310 113TM	12x12 Floor Tile & Building 113 Tan Mottled	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 113 Floor 02 TC2A	310 113PM	12x12 Floor Tile & Building 113 Pink Mottled	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 113 Floor 02 TC2A	321 113GP	Caulk Building 113 Gray Penetration	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 137 Exterior 104	316 137FWC	Concrete Building 137 Floors/Walls/Ceilings	M	NS			Non-Friable		0	NA
Notes: Located throughout the building.										

Client Name: GDM**Project Number: P-0011150****Project Manager: Bruce A. Boehm Carlson****Sample Set Name: 1****Building Number: 113****Building Name Black Hills Health Care System****Building Address 1: 113 Camanche Road****Building Address 2:****City, State Zip: Fort Meade, SD 57741**

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 137 Exterior 104	320 137T	Brick & Mortar Building 137 Tan	M	ND			Non-Friable			
Notes:										
Building 137 Exterior 104	321 137EW	Caulk Building 137 Exterior White	M	ND			Non-Friable			
Notes:										
Building 137 Exterior 104	322 137D	Steel Building 137 Deck	M	NS			Non-Friable		0	NA
Notes: Located throughout the building.										
Building 137 Floor 01 104	202 137W	4-8 Fiberglass Pipe Insulation Building 137 White	T	NS			Non-Friable		0	NA
Notes: Located throughout the building.										
Building 137 Floor 01 104	234 137W	Duct Insulation Building 137 White	T	ND			Friable		7	7
Notes:										
Building 137 Floor 01 104	321 137G	Caulk Building 137 Gray	M	ND			Non-Friable			
Notes:										

Client Name: GDM**Project Number: P-0011150****Project Manager: Bruce A. Boehm Carlson****Sample Set Name: 1****Building Number: 113****Building Name Black Hills Health Care System****Building Address 1: 113 Camanche Road****Building Address 2:****City, State Zip: Fort Meade, SD 57741**

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability	Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 145 Floor 01 122B	109 145WC	Plaster Building 145 Walls and Ceiling	S	ND			Friable			7	7
Notes: Located throughout the building.											
Building 145 Floor 01 122B	201 145W	0-4 Fiberglass Pipe Insulation Building 145 White	T	NS			Non-Friable			0	NA
Notes: Located throughout the building.											
Building 145 Floor 01 122B	222 145HW	0-4" Fibrous Pipe Fittings Building 145 Hard White	T	YES	1 EA		Friable	SD		1	1
Notes:											
Building 145 Floor 01 122B	315 1451MG	Ceramic Tile Building 145 1" Multi-Gray	M	ND			Non-Friable				
Notes: Located throughout the building.											
Building 145 Floor 01 122B	315 1454LY	Ceramic Tile Building 145 4" Light Yellow	M	ND			Non-Friable				
Notes: Located throughout the building.											

Client Name: GDM**Project Number: P-0011150****Project Manager: Bruce A. Boehm Carlson****Sample Set Name: 1****Building Number: 113****Building Name Black Hills Health Care System****Building Address 1: 113 Camanche Road****Building Address 2:****City, State Zip: Fort Meade, SD 57741**

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 145 Floor 01 122B	316 145FWC	Concrete Building 145 Floors/Walls/Ceilings	M	NS			Non-Friable		0	NA
Notes: Located throughout the building.										
Building 145 Floor 01 122B	355 145MC	Terra Cotta Blocks Building 145 Multiple Colors	M	NS			Non-Friable		0	NA
Notes: Located throughout the building.										
Building 145 Floor 01 132	109 145WC	Plaster Building 145 Walls and Ceiling	S	ND			Friable		7	7
Notes: Located throughout the building.										
Building 145 Floor 01 132	301 145WMPH	1x1 Ceiling Tile Building 145 White Metal Pencil Holes	M	NS			Non-Friable		0	NA
Notes:										
Building 145 Floor 01 132	308 1456T	Base Cove & Mastic Building 145 6" Tan	M	ND			Non-Friable			
Notes: Located throughout the building.										

Client Name: GDM**Project Number: P-0011150****Project Manager: Bruce A. Boehm Carlson****Sample Set Name: 1****Building Number: 113****Building Name Black Hills Health Care System****Building Address 1: 113 Camanche Road****Building Address 2:****City, State Zip: Fort Meade, SD 57741**

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 145 Floor 01 132	310 145TGS	12x12 Floor Tile & Building 145 Tan w/ Gray Streaks	M	YES	1374 SF		Non-Friable			
Notes: Only the black mastic contains asbestos, the tile is non-detect.										
Building 145 Floor 01 132	321 145W	Caulk Building 145 White	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 145 Floor 01 132	336 145T	Paper Building 145 Tan	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 145 Floor 01 137C	303 145PHF	2x4 Ceiling Tile Building 145 Pinhole Fissure	M	ND			Friable		7	7
Notes: Located throughout the building.										
Building 145 Floor 01 137C	308 1456G	Base Cove & Mastic Building 145 6" Gray	M	ND			Non-Friable			
Notes: Located throughout the building.										

Client Name: GDM**Project Number: P-0011150****Project Manager: Bruce A. Boehm Carlson****Sample Set Name: 1****Building Number: 113****Building Name Black Hills Health Care System****Building Address 1: 113 Camanche Road****Building Address 2:****City, State Zip: Fort Meade, SD 57741**

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Room Number										
Building 145 Floor 01	310 145CBS	12x12 Floor Tile & Building 145 Cream w/ Beige Streaks	M	YES	36 SF		Non-Friable			
137C										
Notes: Located in Fl. 01 Rms. TC1A (17 SF) and 137C (36 SF) for an approximate total of 53 SF. Only the black mastic contains asbestos, the tile is non-detect.										
Building 145 Floor 01	311 145GPBS	9x9 Floor Tile & Mastic Building 145 Gray w/ Pink and Black Streaks	M	YES	666 SF		Non-Friable			
137C										
Notes: Both the tile and mastic contain asbestos.										
Building 145 Floor 01	321 145BP	Caulk Building 145 Black Penetration	M	ND			Non-Friable			
137C										
Notes: Located throughout the building.										
Building 145 Floor 01	321 145HW	Caulk Building 145 Hard White	M	ND			Friable		7	7
137C										
Notes: Located throughout the building.										
Building 145 Floor 01	509 145BR	Adhesive Building 145 Brown	M	ND			Non-Friable			
137C										
Notes: Located throughout the building.										

Client Name: GDM**Project Number: P-0011150****Project Manager: Bruce A. Boehm Carlson****Sample Set Name: 1****Building Number: 113****Building Name Black Hills Health Care System****Building Address 1: 113 Camanche Road****Building Address 2:****City, State Zip: Fort Meade, SD 57741**

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 145 Floor 01 139B	236 145W	Vibration Joints Building 145 White	T	ND			Non-Friable			
Notes: Located throughout the building.										
Building 145 Floor 01 139B	303 145PHC	2x4 Ceiling Tile Building 145 Pinhole Crater	M	ND			Friable		7	7
Notes: Located throughout the building.										
Building 145 Floor 01 139B	308 1454G	Base Cove & Mastic Building 145 4" Gray	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 145 Floor 01 139B	310 145GWS	12x12 Floor Tile & Building 145 Gray w/ White Streaks	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 145 Floor 01 139B	321 145GD	Caulk Building 145 Gray Duct	M	ND			Non-Friable			
Notes: Located throughout the building.										

Client Name: GDM**Project Number: P-0011150****Project Manager: Bruce A. Boehm Carlson****Sample Set Name: 1****Building Number: 113****Building Name Black Hills Health Care System****Building Address 1: 113 Camanche Road****Building Address 2:****City, State Zip: Fort Meade, SD 57741**

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 145 Floor 01 TC1A	109 145WC	Plaster Building 145 Walls and Ceiling	S	ND			Friable		7	7
Notes: Located throughout the building.										
Building 145 Floor 01 TC1A	305 145WC	Sheetrock & Taping Compound Building 145 Walls and Ceiling	M	ND			Friable		7	7
Notes: Located throughout the building.										
Building 145 Floor 01 TC1A	310 145CBS	12x12 Floor Tile & Building 145 Cream w/ Beige Streaks	M	YES	17 SF		Non-Friable			
Notes: Located in Fl. 01 Rms. TC1A (17 SF) and 137C (36 SF) for an approximate total of 53 SF. Only the black mastic contains asbestos, the tile is non-detect.										
Building 145 Floor 01 TC1A	321 145R	Caulk Building 145 Red	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 145 Floor 02 229A	109 145WC	Plaster Building 145 Walls and Ceiling	S	ND			Friable		7	7
Notes: Located throughout the building.										

Client Name: GDM**Project Number: P-0011150****Project Manager: Bruce A. Boehm Carlson****Sample Set Name: 1****Building Number: 113****Building Name Black Hills Health Care System****Building Address 1: 113 Camanche Road****Building Address 2:****City, State Zip: Fort Meade, SD 57741**

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 145 Floor 02 229A	302 145PHF	2x2 Ceiling Tile Building 145 Pinhole Fissure	M	ND			Friable		7	7
Notes: Located throughout the building.										
Building 145 Floor 02 229A	312 145YB	Mastic - Floor Tile Building 145 Yellow and Black	M	YES	99 SF		Non-Friable			
Notes:										
Building 145 Floor 02 229A	315 1456BR	Ceramic Tile Building 145 6" Brown	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 145 Floor 02 229A	330 145LOS	Carpet Building 145 Loose	M	NS			Non-Friable		0	NA
Notes:										
Building 145 Floor 02 TC2A	109 145WC	Plaster Building 145 Walls and Ceiling	S	ND			Friable		7	7
Notes: Located throughout the building.										

Client Name: GDM**Project Number: P-0011150****Project Manager: Bruce A. Boehm Carlson****Sample Set Name: 1****Building Number: 113****Building Name Black Hills Health Care System****Building Address 1: 113 Camanche Road****Building Address 2:****City, State Zip: Fort Meade, SD 57741**

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 145 Floor 02 TC2A	310 145WRBS	12x12 Floor Tile & Building 145 White w/ Red and Black Streaks	M	YES	9 SF		Non-Friable			
Notes: Only the black mastic contains asbestos, the tile is non-detect.										
Building 145 Floor 02 TC2A	321 145GP	Caulk Building 145 Gray Penetration	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 145 Floor 03 329	302 145PHC	2x2 Ceiling Tile Building 145 Pinhole Crater	M	ND			Friable		7	7
Notes: Located throughout the building.										
Building 145 Floor 03 329	308 1456BG	Base Cove & Mastic Building 145 6" Beige	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 145 Floor 03 329	309 145BR	Mastic - Carpet Building 145 Brown	M	ND			Non-Friable			
Notes: Located throughout the building.										

Client Name: GDM**Project Number: P-0011150****Project Manager: Bruce A. Boehm Carlson****Sample Set Name: 1****Building Number: 113****Building Name Black Hills Health Care System****Building Address 1: 113 Camanche Road****Building Address 2:****City, State Zip: Fort Meade, SD 57741**

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 145 Floor 03 329	310 145W	12x12 Floor Tile & Building 145 White	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 146 Floor 01 108	309 146T	Mastic - Carpet Building 146 Tan	M	YES	99 SF		Non-Friable			
Notes: Located throughout the building.										
Building 146 Floor 01 108	316 146FWC	Concrete Building 146 Floors/Walls/Ceilings	M	NS			Non-Friable		0	NA
Notes: Located throughout the building.										
Building 146 Floor 01 117	109 146WC	Plaster Building 146 Walls and Ceiling	S	ND			Friable		7	7
Notes: Located throughout the building.										
Building 146 Floor 01 117	201 146W	0-4 Fiberglass Pipe Insulation Building 146 White	T	NS			Non-Friable		0	NA
Notes: Located throughout the building.										

Client Name: GDM**Project Number: P-0011150****Project Manager: Bruce A. Boehm Carlson****Sample Set Name: 1****Building Number: 113****Building Name Black Hills Health Care System****Building Address 1: 113 Camanche Road****Building Address 2:****City, State Zip: Fort Meade, SD 57741**

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 146 Floor 01 117	222 146HW	0-4" Fibrous Pipe Fittings Building 146 Hard White	T	ND	1 EA		Friable		7	7
Notes: Located throughout the building.										
Building 146 Floor 01 117	308 1466T	Base Cove & Mastic Building 146 6" Tan	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 146 Floor 01 117	321 146GP	Caulk Buildign 146 Gray Penetration	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 146 Floor 01 117	321 146R	Caulk Building 146 Red	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 146 Floor 01 117	336 146T	Paper Building 146 Tan	M	ND			Friable		7	7
Notes: Located throughout the building.										
Building 146 Floor 01 117	530 14616T	Odd Sized Vinyl Floor Tile Building 146 16" Tan	M	ND			Non-Friable			
Notes: Located throughout the building.										

Client Name: GDM**Project Number: P-0011150****Project Manager: Bruce A. Boehm Carlson****Sample Set Name: 1****Building Number: 113****Building Name Black Hills Health Care System****Building Address 1: 113 Camanche Road****Building Address 2:****City, State Zip: Fort Meade, SD 57741**

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 147 Floor 01 109	303 147PHC	2x4 Ceiling Tile Building 147 Pinhole Crater	M	ND			Friable		7	7
Notes: Located throughout the building.										
Building 147 Floor 01 109	303 147PHD	2x4 Ceiling Tile Building 147 Pinhole Divot	M	ND			Friable		7	7
Notes: Located throughout the building.										
Building 147 Floor 01 109	308 1474G	Base Cove & Mastic Building 147 4" Gray	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 147 Floor 01 109	309 147BR	Mastic - Carpet Building 147 Brown	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 147 Floor 01 109	316 147FWC	Concrete Building 147 Floors/Walls/Ceilings	M	NS			Non-Friable		0	NA
Notes: Located throughout the building.										

Client Name: GDM**Project Number: P-0011150****Project Manager: Bruce A. Boehm Carlson****Sample Set Name: 1****Building Number: 113****Building Name Black Hills Health Care System****Building Address 1: 113 Camanche Road****Building Address 2:****City, State Zip: Fort Meade, SD 57741**

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 147 Floor 01 109	321 147G	Caulk Building 147 Gray	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 148 Floor 01 A114A	109 148WC	Plaster Building 148 Walls and Ceiling	S	ND			Friable		7	7
Notes: Located throughout the building.										
Building 148 Floor 01 A114A	315 148LBRBS	Ceramic Tile Building 148 Light Brown w/ Black Specks	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 148 Floor 01 A114A	316 148FWC	Concrete Building 148 Floors/Walls/Ceilings	M	NS			Non-Friable		0	NA
Notes: Located throughout the building.										
Building 148 Floor 01 A114A	321 148W	Caulk Building 148 White	M	ND			Non-Friable			
Notes: Located throughout the building.										

Client Name: GDM**Project Number: P-0011150****Project Manager: Bruce A. Boehm Carlson****Sample Set Name: 1****Building Number: 113****Building Name Black Hills Health Care System****Building Address 1: 113 Camanche Road****Building Address 2:****City, State Zip: Fort Meade, SD 57741**

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 148 Floor 01 ATC2	109 148WC	Plaster Building 148 Walls and Ceiling	S	ND			Friable		7	7
Notes: Located throughout the building.										
Building 148 Floor 01 ATC2	315 1481Y	Ceramic Tile Building 148 1" Yellow	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 148 Floor 01 ATC2	315 1484W	Ceramic Tile Building 148 4" Yellow	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 148 Floor 01 ATC2	321 148R	Caulk Buildign 148 Red	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 148 Floor 01 C106A	302 148WF	2x2 Ceiling Tile Building 148 White Fiber	M	ND			Friable		7	7
Notes: Located throughout the building.										
Building 148 Floor 01 C106A	308 1484BL	Base Cove & Mastic Building 148 4" Blue	M	ND			Non-Friable			
Notes: Located throughout the building.										

Client Name: GDM**Project Number: P-0011150****Project Manager: Bruce A. Boehm Carlson****Sample Set Name: 1****Building Number: 113****Building Name Black Hills Health Care System****Building Address 1: 113 Camanche Road****Building Address 2:****City, State Zip: Fort Meade, SD 57741**

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 148 Floor 01 C106A	309 148BGOB	Mastic - Carpet Building 148 Beige Over Black	M	YES	176 SF		Non-Friable			
Notes: Located throughout the building.										
Building 148 Floor 01 CTC1	202 148W	4-8 Fiberglass Pipe Insulation Building 148 White	T	NS			Non-Friable		0	NA
Notes: Located throughout the building.										
Building 148 Floor 01 CTC1	308 1484B	Base Cove & Mastic Building 148 4" Black	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 148 Floor 01 F108	310 148WTS	12x12 Floor Tile & Building 148 White w/ Tan Streaks	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 148 Floor 01 FTC1	303 148PHBW	2x4 Ceiling Tile Building 148 Pinhole Birdwing	M	ND			Friable		7	7
Notes: Located throughout the building.										

Client Name: GDM**Project Number: P-0011150****Project Manager: Bruce A. Boehm Carlson****Sample Set Name: 1****Building Number: 113****Building Name Black Hills Health Care System****Building Address 1: 113 Camanche Road****Building Address 2:****City, State Zip: Fort Meade, SD 57741**

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 148	305	Sheetrock & Taping Compound	M	TR	240 SF		Friable		7	7
Floor 01	148WC	Building 148 Walls and Ceiling								
FTC1										
Notes: Located throughout the building. Point count result was 0.5% asbestos.										
Building 148	308	Base Cove & Mastic	M	ND			Non-Friable			
Floor 01	1484BR	Buildig 148 4" Brown								
FTC1										
Notes: Located throughout the building.										
Building 359	305	Sheetrock & Taping Compound	M	ND			Friable		7	7
Floor 01	359WC	Building 359 Walls and Ceiling								
W. Garage Space										
Notes: Located throughout the building.										
Building 359	316	Concrete	M	NS			Non-Friable		0	NA
Floor 01	359FW	Building 359 Floors/Walls								
W. Garage Space										
Notes: Located throughout the building.										
Building 359	329	Wood	M	NS			Non-Friable		0	NA
Floor 01	359WC	Building 359 Walls and Ceiling								
W. Garage Space										
Notes: Located throughout the building.										

Client Name: GDM**Project Number: P-0011150****Project Manager: Bruce A. Boehm Carlson****Sample Set Name: 1****Building Number: 113****Building Name Black Hills Health Care System****Building Address 1: 113 Camanche Road****Building Address 2:****City, State Zip: Fort Meade, SD 57741**

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 40	305	Sheetrock & Taping Compound	M	ND			Friable		7	7
Floor 01	40WC	Building 40 Walls and Ceiling								
102										
Notes: Located throughout the building.										
Building 40	316	Concrete	M				Non-Friable			
Floor 01	40F	Building 40 Floors								
102										
Notes: Located throughout the building.										
Building 46	316	Concrete	M	NS			Non-Friable		0	NA
Basement	46FW	Building 46 Floors/Walls								
B101										
Notes: Located throughout the building.										
Building 46	329	Wood	M	NS			Non-Friable		0	NA
Basement	46WLS	Building 46 Walls								
B101										
Notes: Located throughout the building.										
Building 50	316	Concrete	M	NS			Non-Friable		0	NA
Basement	50F	Building 50 Floor								
B101										
Notes: Located throughout the building.										
Building 50	321	Caulk	M	ND			Non-Friable			
Basement	50W	Building 50 White								
B101										
Notes: Located throughout the building.										

Client Name: GDM**Project Number: P-0011150****Project Manager: Bruce A. Boehm Carlson****Sample Set Name: 1****Building Number: 113****Building Name Black Hills Health Care System****Building Address 1: 113 Camanche Road****Building Address 2:****City, State Zip: Fort Meade, SD 57741**

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 50	329	Wood	M	NS			Non-Friable		0	NA
Basement B101	50C	Building 50 Ceiling								
Notes: Located throughout the building.										
Building 50	333	Stone/Brick/Terra Cotta Block	M	NS			Non-Friable		0	NA
Basement B101	50G	Building 50 Gray								
Notes: Located throughout the building.										
Building 53	109	Plaster	S	ND			Friable		7	7
Basement B108	53WC	Building 53 Walls and Ceiling								
Notes: Located throughout the building.										
Building 53	316	Concrete	M	NS			Non-Friable		0	NA
Basement B108	53FWC	Building 53 Floors/Walls/Ceiling								
Notes: Located throughout the building.										
Building 53	329	Wood	M	NS			Non-Friable		0	NA
Basement B108	53WLS	Building 53 Walls								
Notes: Located throughout the building.										

Client Name: GDM**Project Number: P-0011150****Project Manager: Bruce A. Boehm Carlson****Sample Set Name: 1****Building Number: 113****Building Name Black Hills Health Care System****Building Address 1: 113 Camanche Road****Building Address 2:****City, State Zip: Fort Meade, SD 57741**

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 53 Floor 01 112	303 53PHD	2x4 Ceiling Tile Building 53 Pinhole Divot	M	ND			Friable		7	7
Notes: Located throughout the building. Only the ceiling tile was scheduled to be impacted so no other materials were tested.										
Building 53 Floor 01 112	329 53F	Wood Building 53 Floor	M	NS			Non-Friable		0	NA
Notes: Located throughout the building.										
Building 85 Floor 01 106	316 85FWC	Concrete Building 85 Floors/Walls/Ceilings	M	NS			Non-Friable		0	NA
Notes: Located throughout the building. No materials were sampled as none were scheduled to be impacted.										
Building 85 Floor 01 106	329 85FWC	Wood Building 85 Floors/Walls/Ceilings	M	NS			Non-Friable		0	NA
Notes: Located throughout the building. No materials were sampled as none were scheduled to be impacted.										
Building 88 Floor 01 100A	305 88WC	Sheetrock & Taping Compound Building 88 Walls and Ceiling	M	ND			Friable		7	7
Notes: Located throughout the building.										

Client Name: GDM**Project Number: P-0011150****Project Manager: Bruce A. Boehm Carlson****Sample Set Name: 1****Building Number: 113****Building Name Black Hills Health Care System****Building Address 1: 113 Camanche Road****Building Address 2:****City, State Zip: Fort Meade, SD 57741**

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 88 Floor 01 100A	308 884B	Base Cove & Mastic Building 88 4" Black	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 88 Floor 01 100A	310 88TBRS	12x12 Floor Tile & Building 88 Tan w/ Brown Streaks	M	YES	30 SF		Non-Friable			
Notes: Both the tile and mastic contain asbestos.										
Building 88 Floor 01 100A	321 88R	Caulk Building 88 Red	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building 88 Floor 01 100A	329 88FWC	Wood Building 88 Floors/Walls/Ceilings	M	NS			Non-Friable		0	NA
Notes: Located throughout the building.										
Building 88 Floor 01 B102D	311 88BRPP	9x9 Floor Tile & Mastic Building 88 Brown w/ Pink Patches	M	YES	144 SF		Non-Friable			
Notes: Both the tile and mastic contain asbestos.										

Client Name: GDM**Project Number: P-0011150****Project Manager: Bruce A. Boehm Carlson****Sample Set Name: 1****Building Number: 113****Building Name Black Hills Health Care System****Building Address 1: 113 Camanche Road****Building Address 2:****City, State Zip: Fort Meade, SD 57741**

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 88 Floor 01 B102D	316 88F	Concrete Building 88 Floor	M	NS			Non-Friable		0	NA
Notes: Located throughout the building.										
Building 88 Floor 01 B102D	351 88NWC	Paneling Building 88 Nailed Walls and Ceiling	M	NS			Non-Friable		0	NA
Notes:										
Building 89 Floor 02 200	251 89BR	Blown-in Insulation Building 89 Brown	T	ND			Friable		7	7
Notes: Located throughout the building.										
Building 89 Floor 02 200	329 89FWC	Wood Building 89 Floors/Walls/Ceiling	M	NS			Non-Friable		0	NA
Notes: Located throughout the building.										
Building 90 Floor 01 109	107 90BPY	Decorative Wall Texture Building 90 Bumpy	S	TR	420 SF		Friable		7	7
Notes: The point count results were all 0.25% asbestos.										

Client Name: GDM**Project Number: P-0011150****Project Manager: Bruce A. Boehm Carlson****Sample Set Name: 1****Building Number: 113****Building Name Black Hills Health Care System****Building Address 1: 113 Camanche Road****Building Address 2:****City, State Zip: Fort Meade, SD 57741**

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 90	305	Sheetrock & Taping Compound	M	ND			Friable		7	7
Floor 01	90WC	Building 90 Walls and Ceiling								
109										
Notes: Located throughout the building.										
Building 90	308	Base Cove & Mastic	M	ND			Non-Friable			
Floor 01	904BG	Building 90 4" Beige								
109										
Notes: Located throughout the building.										
Building 90	309	Mastic - Carpet	M	ND			Non-Friable			
Floor 01	90T	Building 90 Tan								
109										
Notes: Located throughout the building.										
Building 90	310	12x12 Floor Tile &	M	YES	110 SF		Non-Friable			
Floor 01	90WM	Building 90 White Mottled								
109										
Notes: Located under the carpet. Only the black mastic contains asbestos, the tile is non-detect.										
Building 90	316	Concrete	M	NS			Non-Friable		0	NA
Floor 01	90F	Building 90 Floor								
109										
Notes: Located throughout the building.										

Client Name: GDM**Project Number: P-0011150****Project Manager: Bruce A. Boehm Carlson****Sample Set Name: 1****Building Number: 113****Building Name Black Hills Health Care System****Building Address 1: 113 Camanche Road****Building Address 2:****City, State Zip: Fort Meade, SD 57741**

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building 90 Floor 01 109	321 90GP	Caulk Building 90 Gray Penetration	M	YES	1 SF		Non-Friable			
Notes: Located in the north wall.										
Building 90 Floor 02 200	202 90W	4-8 Fiberglass Pipe Insulation Building 90 White	T	NS			Non-Friable		0	NA
Notes: Located throughout the building.										
Building 90 Floor 02 200	329 90FWC	Wood Building 90 Floor/Walls/Ceilings	M	NS			Non-Friable		0	NA
Notes: Located throughout the building.										
Building T171 Floor 01 100	303 T171PHD	2x4 Ceiling Tile Building T171 Pinhole Divot	M	ND			Friable		7	7
Notes: Located throughout the building.										
Building T171 Floor 01 100	305 T171WC	Sheetrock & Taping Compound Building T171 Walls and Ceiling	M	TR	60 SF		Friable		7	7
Notes: Located in Fl. 01 Rms. 100 (60 SF) and 101B (360 SF) for an approximate total of 420 SF. The point count results were 0.25% asbestos in both rooms.										

Client Name: GDM**Project Number: P-0011150****Project Manager: Bruce A. Boehm Carlson****Sample Set Name: 1****Building Number: 113****Building Name Black Hills Health Care System****Building Address 1: 113 Camanche Road****Building Address 2:****City, State Zip: Fort Meade, SD 57741**

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building T171 Floor 01 100	321 T171R	Caulk Building T171 Red	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building T171 Floor 01 100	329 T171FWC	Wood Building T171 Floors/Walls/Ceilings	M	NS			Non-Friable		0	NA
Notes: Located throughout the building.										
Building T171 Floor 01 101B	303 T171PHC	2x4 Ceiling Tile Building T171 Pinhole Crater	M	ND			Friable		7	7
Notes: Located throughout the building.										
Building T171 Floor 01 101B	305 T171WC	Sheetrock & Taping Compound Building T171 Walls and Ceiling	M	TR	360 SF		Friable		7	7
Notes: Located in Fl. 01 Rms. 100 (60 SF) and 101B (360 SF) for an approximate total of 420 SF. The point count results were 0.25% asbestos in both rooms.										
Building T171 Floor 01 101B	308 T171T	Base Cove & Mastic Building T171 Tan	M	ND			Non-Friable			
Notes: Located throughout the building.										

Client Name: GDM**Project Number: P-0011150****Project Manager: Bruce A. Boehm Carlson****Sample Set Name: 1****Building Number: 113****Building Name Black Hills Health Care System****Building Address 1: 113 Camanche Road****Building Address 2:****City, State Zip: Fort Meade, SD 57741**

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building T171 Floor 01 101B	316 T171F	Concrete Building T171 Floor	M	NS			Non-Friable		0	NA
Notes: Located throughout the building.										
Building T171 Floor 01 101B	321 T171W	Caulk Building T171 White	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building T171 Floor 01 101B	530 T171T	Odd Sized Vinyl Floor Tile Building T171 Tan	M	ND			Non-Friable			
Notes: Located throughout the building.										
Building T296 Exterior 101A	316 T296ESB	Concrete Building T296 Exterior Slab and Block	M	NS			Non-Friable		0	NA
Notes:										
Building T296 Exterior 101A	321 T296EW	Caulk Building T296 Exterior White	M	ND			Non-Friable			
Notes: Located throughout the building.										

Client Name: GDM**Project Number: P-0011150****Project Manager: Bruce A. Boehm Carlson****Sample Set Name: 1****Building Number: 113****Building Name Black Hills Health Care System****Building Address 1: 113 Camanche Road****Building Address 2:****City, State Zip: Fort Meade, SD 57741**

Area Location	Material ID Subcat ID	Material ID Description Subcategory Description	Material Code	Asbestos Content	Quantity	Lead Paint	Physical Assessment: Friability Condition	Damage Potential: Water Air Vib Acc	Cond Rating	AHERA Rating
Building T296 Exterior	401 T296WV	Siding Building T296 White Vinyl	M	NS			Non-Friable		0	NA
101A										
Notes: Includes a foam underlayment.										
Building T296 Floor 01	305 T296WC	Sheetrock & Taping Compound Building T296 Walls and Ceiling	M	ND			Friable		7	7
101										
Notes: Located throughout the building.										
Building T296 Floor 01	316 T296F	Concrete Building T296 Floor	M	NS			Non-Friable		0	NA
101										
Notes: Located throughout the building.										
Building T296 Floor 01	322 T296D	Steel Building T296 Deck	M	NS			Non-Friable		0	NA
101										
Notes:										
Building T296 Floor 01	329 T296W	Wood Building T296 Walls	M	NS			Non-Friable		0	NA
101										
Notes: Located throughout the building.										

Appendix C

Asbestos Laboratory Analytical Results

Appendix C



EMLab P&K

Report for:

Bruce Boehm Carlson
American Engineering Testing Inc
550 Cleveland Avenue N.
Saint Paul, MN 55114

REVIEWED*By Bruce A. Boehm Carlson at 3:26 pm, Apr 05, 2022*

Regarding: Project: P-0011150; GDM Black Hills Health Care
EML ID: 2886110

Approved by:

A handwritten signature in black ink, appearing to read "Balu", with a stylized flourish at the end.

Approved Signatory
Balu Krishnan

Dates of Analysis:

Asbestos PLM: 03-29-2022 and 03-30-2022

Service SOPs: Asbestos PLM (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1267)
NVLAP Lab Code 200844-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the samples as received and tested. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

Eurofins EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Eurofins EMLab P&K

3000 Lincoln Drive East, Suite A, Marlton, NJ 08053
(866) 871-1984 Fax (856) 334-1040 www.emlab.com

Client: American Engineering Testing Inc
C/O: Bruce Boehm Carlson
Re: P-0011150; GDM Black Hills Health Care

Date of Sampling: 03-24-2022
Date of Receipt: 03-28-2022 and 03-29-2022
Date of Report: 03-30-2022

ASBESTOS PLM REPORT

Total Samples Submitted: 147

Total Samples Analyzed: 147

Total Samples with Layer Asbestos Content > 1%: 18

Location: 104-113G-A, Spray Applied Fireproofing

Lab ID-Version‡: 13843920-1

Sample Layers	Asbestos Content
Gray Fireproofing	ND
Composite Non-Asbestos Content:	65% Mineral Wool
Sample Composite Homogeneity:	Good

Location: 104-113G-B, Spray Applied Fireproofing

Lab ID-Version‡: 13843921-1

Sample Layers	Asbestos Content
Gray Fireproofing	ND
Composite Non-Asbestos Content:	65% Mineral Wool
Sample Composite Homogeneity:	Good

Location: 104-113G-C, Spray Applied Fireproofing

Lab ID-Version‡: 13843922-1

Sample Layers	Asbestos Content
Gray Fireproofing	ND
Composite Non-Asbestos Content:	65% Mineral Wool
Sample Composite Homogeneity:	Good

Location: 104-113W-A, Spray Applied Fireproofing

Lab ID-Version‡: 13843923-1

Sample Layers	Asbestos Content
White Fireproofing	ND
Composite Non-Asbestos Content:	25% Cellulose 10% Vermiculite
Sample Composite Homogeneity:	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. Eurofins EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Eurofins EMLab P&K

3000 Lincoln Drive East, Suite A, Marlton, NJ 08053
(866) 871-1984 Fax (856) 334-1040 www.emlab.com

Client: American Engineering Testing Inc
C/O: Bruce Boehm Carlson
Re: P-0011150; GDM Black Hills Health Care

Date of Sampling: 03-24-2022
Date of Receipt: 03-28-2022 and 03-29-2022
Date of Report: 03-30-2022

ASBESTOS PLM REPORT**Location: 104-113W-B, Spray Applied Fireproofing**

Lab ID-Version‡: 13843924-1

Sample Layers	Asbestos Content
White Fireproofing	ND
Composite Non-Asbestos Content:	25% Cellulose 10% Vermiculite
Sample Composite Homogeneity:	Good

Location: 104-113W-C, Spray Applied Fireproofing

Lab ID-Version‡: 13843925-1

Sample Layers	Asbestos Content
White Fireproofing	ND
Composite Non-Asbestos Content:	25% Cellulose 10% Vermiculite
Sample Composite Homogeneity:	Good

Location: 107-90BPY-A, Decorative Wall Texture

Lab ID-Version‡: 13843926-1

Sample Layers	Asbestos Content
Off-White Texture with Paint	< 1% Chrysotile
Sample Composite Homogeneity:	Good

Location: 107-90BPY-B, Decorative Wall Texture

Lab ID-Version‡: 13843927-1

Sample Layers	Asbestos Content
Off-White Texture with Paint	< 1% Chrysotile
Sample Composite Homogeneity:	Good

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Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Eurofins EMLab P&K

3000 Lincoln Drive East, Suite A, Marlton, NJ 08053
(866) 871-1984 Fax (856) 334-1040 www.emlab.com

Client: American Engineering Testing Inc
C/O: Bruce Boehm Carlson
Re: P-0011150; GDM Black Hills Health Care

Date of Sampling: 03-24-2022
Date of Receipt: 03-28-2022 and 03-29-2022
Date of Report: 03-30-2022

ASBESTOS PLM REPORT**Location: 107-90BPY-C, Decorative Wall Texture**

Lab ID-Version‡: 13843928-1

Sample Layers	Asbestos Content
Off-White Texture with Paint	< 1% Chrysotile
Sample Composite Homogeneity: Good	

Location: 109-113WC-A, Plaster

Lab ID-Version‡: 13843929-1

Sample Layers	Asbestos Content
White Skim Coat with Paint	ND
Gray Plaster	ND
Sample Composite Homogeneity: Good	

Location: 109-113WC-B, Plaster

Lab ID-Version‡: 13843930-1

Sample Layers	Asbestos Content
White Skim Coat with Paint	ND
Gray Plaster	ND
Sample Composite Homogeneity: Good	

Location: 109-113WC-C, Plaster

Lab ID-Version‡: 13843931-1

Sample Layers	Asbestos Content
Gray Plaster	ND
Sample Composite Homogeneity: Good	

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C/O: Bruce Boehm Carlson
Re: P-0011150; GDM Black Hills Health Care

Date of Sampling: 03-24-2022
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Date of Report: 03-30-2022

ASBESTOS PLM REPORT**Location: 109-145WC-A, Plaster**

Lab ID-Version‡: 13843932-1

Sample Layers	Asbestos Content
White Skim Coat with Paint	ND
Gray Plaster	ND
Sample Composite Homogeneity: Good	

Location: 109-145WC-B, Plaster

Lab ID-Version‡: 13843933-1

Sample Layers	Asbestos Content
White Skim Coat with Paint	ND
Gray Plaster	ND
Sample Composite Homogeneity: Good	

Location: 109-145WC-C, Plaster

Lab ID-Version‡: 13843934-1

Sample Layers	Asbestos Content
White Skim Coat with Paint	ND
Gray Plaster	ND
Sample Composite Homogeneity: Good	

Location: 109-145WC-D, Plaster

Lab ID-Version‡: 13843935-1

Sample Layers	Asbestos Content
Gray Plaster	ND
Sample Composite Homogeneity: Good	

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ASBESTOS PLM REPORT**Location: 109-145WC-E, Plaster**

Lab ID-Version‡: 13843936-1

Sample Layers	Asbestos Content
Gray Plaster	ND
Sample Composite Homogeneity: Good	

Location: 109-146WC-A, Plaster

Lab ID-Version‡: 13843937-1

Sample Layers	Asbestos Content
Gray Plaster	ND
Sample Composite Homogeneity: Good	

Location: 109-146WC-B, Plaster

Lab ID-Version‡: 13843938-1

Sample Layers	Asbestos Content
Gray Plaster	ND
Sample Composite Homogeneity: Good	

Location: 109-146WC-C, Plaster

Lab ID-Version‡: 13843939-1

Sample Layers	Asbestos Content
Gray Plaster	ND
Sample Composite Homogeneity: Good	

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ASBESTOS PLM REPORT**Location: 109-148WC-A, Plaster**

Lab ID-Version‡: 13843940-1

Sample Layers	Asbestos Content
White Skim Coat with Paint	ND
Gray Plaster	ND
Sample Composite Homogeneity: Good	

Location: 109-148WC-B, Plaster

Lab ID-Version‡: 13843941-1

Sample Layers	Asbestos Content
White Skim Coat with Paint	ND
Gray Plaster	ND
Sample Composite Homogeneity: Good	

Location: 109-148WC-C, Plaster

Lab ID-Version‡: 13843942-1

Sample Layers	Asbestos Content
White Skim Coat with Paint	ND
Gray Plaster	ND
Sample Composite Homogeneity: Good	

Location: 109-53WC-A, Plaster

Lab ID-Version‡: 13843943-1

Sample Layers	Asbestos Content
Gray Plaster with Paint	ND
Sample Composite Homogeneity: Good	

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ASBESTOS PLM REPORT**Location: 109-53WC-B, Plaster**

Lab ID-Version‡: 13843944-1

Sample Layers	Asbestos Content
Gray Plaster with Paint	ND
Sample Composite Homogeneity:	Good

Location: 109-53WC-C, Plaster

Lab ID-Version‡: 13843945-1

Sample Layers	Asbestos Content
Gray Plaster with Paint	ND
Sample Composite Homogeneity:	Good

Location: 222-113HW-A, 0-4" Fibrous Pipe Fittings

Lab ID-Version‡: 13843946-1

Sample Layers	Asbestos Content
Off-White Insulation	10% Chrysotile
Beige Wrap	ND
Composite Non-Asbestos Content:	30% Mineral Wool 25% Cellulose
Sample Composite Homogeneity:	Good

Location: 222-113HW-B, 0-4" Fibrous Pipe Fittings

Lab ID-Version‡: 13843947-1

Sample Layers	Asbestos Content
Off-White Insulation	10% Chrysotile
Composite Non-Asbestos Content:	30% Mineral Wool 3% Cellulose
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT**Location: 222-113HW-C, 0-4" Fibrous Pipe Fittings**

Lab ID-Version‡: 13843948-1

Sample Layers	Asbestos Content
Off-White Insulation	10% Chrysotile
Composite Non-Asbestos Content:	30% Mineral Wool 3% Cellulose
Sample Composite Homogeneity:	Good

Location: 222-145HW-A, 0-4" Fibrous Pipe Fittings

Lab ID-Version‡: 13843949-1

Sample Layers	Asbestos Content
White Insulation	3% Amosite
Beige Wrap	ND
Composite Non-Asbestos Content:	30% Mineral Wool 20% Cellulose
Sample Composite Homogeneity:	Good

Location: 222-145HW-B, 0-4" Fibrous Pipe Fittings

Lab ID-Version‡: 13843950-1

Sample Layers	Asbestos Content
White Insulation	3% Amosite
Beige Wrap	ND
Composite Non-Asbestos Content:	30% Mineral Wool 20% Cellulose
Sample Composite Homogeneity:	Good

Location: 222-145HW-C, 0-4" Fibrous Pipe Fittings

Lab ID-Version‡: 13843951-1

Sample Layers	Asbestos Content
White Insulation	3% Amosite
Beige Wrap	ND
Composite Non-Asbestos Content:	30% Mineral Wool 20% Cellulose
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT**Location: 222-146HW-A, 0-4" Fibrous Pipe Fittings**

Lab ID-Version‡: 13843952-1

Sample Layers	Asbestos Content
White Insulation	ND
Composite Non-Asbestos Content:	35% Mineral Wool
Sample Composite Homogeneity:	Good

Location: 222-146HW-B, 0-4" Fibrous Pipe Fittings

Lab ID-Version‡: 13843953-1

Sample Layers	Asbestos Content
White Insulation	ND
Composite Non-Asbestos Content:	35% Mineral Wool
Sample Composite Homogeneity:	Good

Location: 222-146HW-C, 0-4" Fibrous Pipe Fittings

Lab ID-Version‡: 13843954-1

Sample Layers	Asbestos Content
White Insulation	ND
Composite Non-Asbestos Content:	35% Mineral Wool
Sample Composite Homogeneity:	Good

Location: 234-137W-A, Duct Insulation

Lab ID-Version‡: 13843955-1

Sample Layers	Asbestos Content
Yellow Insulation	ND
Beige Tape / Silver Foil	ND
Composite Non-Asbestos Content:	40% Mineral Wool 10% Cellulose
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT**Location: 234-137W-B, Duct Insulation**

Lab ID-Version‡: 13843956-1

Sample Layers	Asbestos Content
Yellow Insulation	ND
Beige Tape / Silver Foil	ND
Composite Non-Asbestos Content:	40% Mineral Wool 10% Cellulose
Sample Composite Homogeneity:	Good

Location: 234-137W-C, Duct Insulation

Lab ID-Version‡: 13843957-1

Sample Layers	Asbestos Content
Yellow Insulation	ND
Beige Tape / Silver Foil	ND
Composite Non-Asbestos Content:	40% Mineral Wool 10% Cellulose
Sample Composite Homogeneity:	Good

Location: 236-145W-A, Vibration Joints

Lab ID-Version‡: 13843958-1

Sample Layers	Asbestos Content
White Non-Fibrous Material	ND
Composite Non-Asbestos Content:	10% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 251-89BR-A, Blown-In Insulation

Lab ID-Version‡: 13843959-1

Sample Layers	Asbestos Content
Brown Insulation	ND
Composite Non-Asbestos Content:	95% Cellulose
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT**Location: 251-89BR-B, Blown-In Insulation**

Lab ID-Version‡: 13843960-1

Sample Layers	Asbestos Content
Brown Insulation	ND
Composite Non-Asbestos Content:	95% Cellulose
Sample Composite Homogeneity:	Good

Location: 251-89BR-C, Blown-In Insulation

Lab ID-Version‡: 13843961-1

Sample Layers	Asbestos Content
Brown Insulation	ND
Composite Non-Asbestos Content:	95% Cellulose
Sample Composite Homogeneity:	Good

Location: 302-113 PHC-A, 2x2 Ceiling Tile

Lab ID-Version‡: 13843962-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	50% Cellulose 30% Mineral Wool
Sample Composite Homogeneity:	Good

Location: 302-113W-A, 2x2 Ceiling Tile

Lab ID-Version‡: 13843963-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT**Location: 302-113WF-A, 2x2 Ceiling Tile**

Lab ID-Version‡: 13843964-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	65% Mineral Wool
Sample Composite Homogeneity:	Good

Location: 302-145PHC-A, 2x2 Ceiling Tile

Lab ID-Version‡: 13843965-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	50% Cellulose 15% Mineral Wool
Sample Composite Homogeneity:	Good

Location: 302-145PHF-A, 2x2 Ceiling Tile

Lab ID-Version‡: 13843966-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	50% Cellulose 25% Mineral Wool
Sample Composite Homogeneity:	Good

Location: 302-148WF-A, 2x2 Ceiling Tile

Lab ID-Version‡: 13843967-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	50% Cellulose 25% Mineral Wool
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT**Location: 303-113PHF-A, 2x4 Ceiling Tile**

Lab ID-Version‡: 13843968-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	50% Cellulose 25% Mineral Wool
Sample Composite Homogeneity:	Good

Location: 303-145PHC-A, 2x4 Ceiling Tile

Lab ID-Version‡: 13843969-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	50% Cellulose 30% Mineral Wool
Sample Composite Homogeneity:	Good

Location: 303-145PHF-A, 2x4 Ceiling Tile

Lab ID-Version‡: 13847937-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	50% Cellulose 30% Mineral Wool
Sample Composite Homogeneity:	Good

Location: 303-147PHC-A, 2x4 Ceiling Tile

Lab ID-Version‡: 13843970-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	50% Cellulose 30% Mineral Wool
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT**Location: 303-147PHD-A, 2x4 Ceiling Tile**

Lab ID-Version‡: 13843971-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	50% Cellulose 30% Mineral Wool
Sample Composite Homogeneity:	Good

Location: 303-148PHBW-A, 2x4 Ceiling Tile

Lab ID-Version‡: 13843972-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	50% Cellulose 15% Mineral Wool
Sample Composite Homogeneity:	Good

Location: 303-53PHD-A, 2x4 Ceiling Tile

Lab ID-Version‡: 13843973-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	50% Cellulose 15% Mineral Wool
Sample Composite Homogeneity:	Good

Location: 303-T171PHC-A, 2x4 Ceiling Tile

Lab ID-Version‡: 13843974-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	50% Cellulose 15% Mineral Wool
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT**Location: 303-T171PHD-A, 2x4 Ceiling Tile**

Lab ID-Version‡: 13843975-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	50% Cellulose 15% Mineral Wool
Sample Composite Homogeneity:	Good

Location: 305-113WC-A, Sheetrock & Taping Compound

Lab ID-Version‡: 13843976-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
White Joint Compound	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Good

Location: 305-113WC-B, Sheetrock & Taping Compound

Lab ID-Version‡: 13843977-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
White Joint Compound	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Good

Location: 305-145WC-A, Sheetrock & Taping Compound

Lab ID-Version‡: 13843978-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
White Joint Compound	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT**Location: 305-148WC-A, Sheetrock & Taping Compound**

Lab ID-Version‡: 13843980-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Beige Tape	ND
Off-White Joint Compound	< 1% Chrysotile
Composite Asbestos Fibrous Content:	< 1% Asbestos
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Good

Comments: Composite asbestos content provided is only for Drywall/Joint compound. Composite content provided for this analysis has been performed by following the NESHAP guidelines.

Location: 305-359WC-A, Sheetrock & Taping Compound

Lab ID-Version‡: 13843981-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Good

Location: 305-40WC-A, Sheetrock & Taping Compound

Lab ID-Version‡: 13843982-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Good

Location: 305-88WC-A, Sheetrock & Taping Compound

Lab ID-Version‡: 13843983-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Beige Tape	ND
White Joint Compound	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT**Location: 305-90WC-A, Sheetrock & Taping Compound**

Lab ID-Version‡: 13843984-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
White Joint Compound with Paint	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Good

Location: 305-T171WC-A, Sheetrock & Taping Compound

Lab ID-Version‡: 13843985-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Off-White Joint Compound with Paint	< 1% Chrysotile
Composite Asbestos Fibrous Content:	< 1% Asbestos
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Good

Comments: Composite asbestos content provided is only for Drywall/Joint compound. Composite content provided for this analysis has been performed by following the NESHAP guidelines.

Location: 305-T171WC-B, Sheetrock & Taping Compound

Lab ID-Version‡: 13843986-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Off-White Joint Compound with Paint	< 1% Chrysotile
Composite Asbestos Fibrous Content:	< 1% Asbestos
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Good

Comments: Composite asbestos content provided is only for Drywall/Joint compound. Composite content provided for this analysis has been performed by following the NESHAP guidelines.

Location: 305-T296WC-A, Sheetrock & Taping Compound

Lab ID-Version‡: 13843987-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
White Joint Compound with Paint	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT**Location: 308-1134BG-A, Base Cove & Mastic**

Lab ID-Version‡: 13843988-1

Sample Layers	Asbestos Content
Gray Baseboard	ND
Beige Mastic	ND
Sample Composite Homogeneity: Good	

Location: 308-1136BG-A, Base Cove & Mastic

Lab ID-Version‡: 13843989-1

Sample Layers	Asbestos Content
Gray Baseboard	ND
Beige Mastic	ND
Sample Composite Homogeneity: Good	

Location: 308-113LBR-A, Base Cove & Mastic

Lab ID-Version‡: 13843990-1

Sample Layers	Asbestos Content
Light Brown Baseboard	ND
White Mastic	ND
Sample Composite Homogeneity: Good	

Location: 308-1454G-A, Base Cove & Mastic

Lab ID-Version‡: 13843991-1

Sample Layers	Asbestos Content
Gray Baseboard	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Good	

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ASBESTOS PLM REPORT**Location: 308-1456BG-A, Base Cove & Mastic**

Lab ID-Version‡: 13843992-1

Sample Layers	Asbestos Content
Gray Baseboard	ND
Beige Mastic	ND
Sample Composite Homogeneity: Good	

Location: 308-1456G-A, Base Cove & Mastic

Lab ID-Version‡: 13843993-1

Sample Layers	Asbestos Content
Gray Baseboard	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Good	

Location: 308-1456T-A, Base Cove & Mastic

Lab ID-Version‡: 13843994-1

Sample Layers	Asbestos Content
Tan Baseboard	ND
Dark Brown Mastic	ND
Composite Non-Asbestos Content: 2% Talc	
Sample Composite Homogeneity: Good	

Location: 308-1466T-A, Base Cove & Mastic

Lab ID-Version‡: 13843995-1

Sample Layers	Asbestos Content
Tan Baseboard	ND
Transparent Mastic	ND
Sample Composite Homogeneity: Good	

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ASBESTOS PLM REPORT**Location: 308-1474G-A, Base Cove & Mastic**

Lab ID-Version‡: 13843996-1

Sample Layers	Asbestos Content
Gray Baseboard	ND
White Mastic	ND
Sample Composite Homogeneity: Good	

Location: 308-1484B-A, Base Cove & Mastic

Lab ID-Version‡: 13843997-1

Sample Layers	Asbestos Content
Black Baseboard	ND
Dark Brown Mastic	ND
Sample Composite Homogeneity: Good	

Location: 308-1484BL-A, Base Cove & Mastic

Lab ID-Version‡: 13843998-1

Sample Layers	Asbestos Content
Blue Baseboard	ND
Beige Mastic	ND
White Joint Compound	ND
Sample Composite Homogeneity: Good	

Location: 308-1484BR-A, Base Cove & Mastic

Lab ID-Version‡: 13843999-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Good	

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ASBESTOS PLM REPORT**Location: 308-884B-A, Base Cove & Mastic**

Lab ID-Version‡: 13844000-1

Sample Layers	Asbestos Content
Black Baseboard	ND
Dark Brown Mastic	ND
Sample Composite Homogeneity: Good	

Location: 308-904BG-A, Base Cove & Mastic

Lab ID-Version‡: 13844001-1

Sample Layers	Asbestos Content
Gray Baseboard	ND
Yellow Mastic	ND
Gray Leveling Compound	ND
Sample Composite Homogeneity: Good	

Location: 308-T171T-A, Base Cove & Mastic

Lab ID-Version‡: 13844002-1

Sample Layers	Asbestos Content
Tan Baseboard	ND
Transparent Mastic	ND
Sample Composite Homogeneity: Good	

Location: 309-113BR-A, Mastic - Carpet

Lab ID-Version‡: 13844003-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
Brown Fibrous Material	ND
White Mastic	ND
Composite Non-Asbestos Content:	60% Cellulose 25% Mineral Wool
Sample Composite Homogeneity: Good	

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ASBESTOS PLM REPORT**Location: 309-113T-A, Mastic - Carpet**

Lab ID-Version‡: 13844004-1

Sample Layers	Asbestos Content
Tan Mastic	ND
Sample Composite Homogeneity: Good	

Location: 309-145BR-A, Mastic - Carpet

Lab ID-Version‡: 13844005-1

Sample Layers	Asbestos Content
Brown Mastic	ND
Green Mastic	ND
Sample Composite Homogeneity: Good	

Location: 309-146T-A, Mastic - Carpet

Lab ID-Version‡: 13844006-1

Sample Layers	Asbestos Content
Tan Mastic	ND
Transparent Mastic	ND
Black Mastic	2% Chrysotile
Sample Composite Homogeneity: Good	

Location: 309-147BR-A, Mastic - Carpet

Lab ID-Version‡: 13844007-1

Sample Layers	Asbestos Content
Brown Mastic	ND
Sample Composite Homogeneity: Good	

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ASBESTOS PLM REPORT**Location: 309-148BGOB-A, Mastic - Carpet**

Lab ID-Version‡: 13844008-1

Sample Layers	Asbestos Content
Beige Mastic	ND
Black Mastic	2% Chrysotile
Sample Composite Homogeneity: Good	

Location: 309-90T-A, Mastic - Carpet

Lab ID-Version‡: 13844009-1

Sample Layers	Asbestos Content
Tan Mastic	ND
Sample Composite Homogeneity: Good	

Location: 310-113GM-A, 12x12 Floor Tile & Mastic

Lab ID-Version‡: 13844010-1

Sample Layers	Asbestos Content
Gray Floor Tile	ND
Black Mastic	ND
Sample Composite Homogeneity: Good	

Location: 310-113LGM-A, 12x12 Floor Tile & Mastic

Lab ID-Version‡: 13844011-1

Sample Layers	Asbestos Content
Light Gray Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Good	

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ASBESTOS PLM REPORT**Location: 310-113PM-A, 12x12 Floor Tile & Mastic**

Lab ID-Version‡: 13844012-1

Sample Layers	Asbestos Content
Pink Floor Tile	ND
Black Mastic	ND
Composite Non-Asbestos Content:	2% Polyethylene
Sample Composite Homogeneity:	Good

Location: 310-113TM-A, 12x12 Floor Tile & Mastic

Lab ID-Version‡: 13844013-1

Sample Layers	Asbestos Content
Tan Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Good

Location: 310-113WBGB-A, 12x12 Floor Tile & Mastic

Lab ID-Version‡: 13844014-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Good

Location: 310-145CBS-A, 12x12 Floor Tile & Mastic

Lab ID-Version‡: 13844015-1

Sample Layers	Asbestos Content
Cream Floor Tile	ND
Tan Mastic	ND
Black Mastic	3% Chrysotile
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT**Location: 310-145GWS-A, 12x12 Floor Tile & Mastic**

Lab ID-Version‡: 13844016-1

Sample Layers	Asbestos Content
Gray Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Good	

Location: 310-145TGS-A, 12x12 Floor Tile & Mastic

Lab ID-Version‡: 13844017-1

Sample Layers	Asbestos Content
Tan Floor Tile	ND
Black Mastic	3% Chrysotile
Sample Composite Homogeneity: Good	

Location: 310-145W-A, 12x12 Floor Tile & Mastic

Lab ID-Version‡: 13844018-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Black Mastic	ND
Sample Composite Homogeneity: Good	

Location: 310-145WRBS-A, 12x12 Floor Tile & Mastic

Lab ID-Version‡: 13844019-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Black Mastic	3% Chrysotile
Sample Composite Homogeneity: Good	

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ASBESTOS PLM REPORT**Location: 310-148WTS-A, 12x12 Floor Tile & Mastic**

Lab ID-Version‡: 13844020-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Good	

Location: 310-88TBRS-A, 12x12 Floor Tile & Mastic

Lab ID-Version‡: 13844021-1

Sample Layers	Asbestos Content
Tan Floor Tile	6% Chrysotile
Black Mastic	3% Chrysotile
Sample Composite Homogeneity: Good	

Location: 310-90WM-A, 12x12 Floor Tile & Mastic

Lab ID-Version‡: 13844022-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Yellow Mastic	ND
Black Mastic	3% Chrysotile
Sample Composite Homogeneity: Good	

Location: 311-113BGBRS-A, 9x9 Floor Tile & Mastic

Lab ID-Version‡: 13844023-1

Sample Layers	Asbestos Content
Beige Floor Tile	5% Chrysotile
Black Mastic	ND
Sample Composite Homogeneity: Good	

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ASBESTOS PLM REPORT**Location: 311-145GPBS-A, 9x9 Floor Tile & Mastic**

Lab ID-Version‡: 13844024-1

Sample Layers	Asbestos Content
Gray Floor Tile	8% Chrysotile
Black Mastic	3% Chrysotile
Sample Composite Homogeneity: Good	

Location: 311-88BRPP-A, 9x9 Floor Tile & Mastic

Lab ID-Version‡: 13844025-1

Sample Layers	Asbestos Content
Brown Floor Tile	10% Chrysotile
Black Mastic	3% Chrysotile
Sample Composite Homogeneity: Good	

Location: 312-113T-A, Mastic - Floor Tile

Lab ID-Version‡: 13844026-1

Sample Layers	Asbestos Content
Gray Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Good	

Location: 312-145YB-A, Mastic - Floor Tile

Lab ID-Version‡: 13844027-1

Sample Layers	Asbestos Content
Black/Yellow Mastic	2% Chrysotile
Sample Composite Homogeneity: Good	

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ASBESTOS PLM REPORT**Location: 315-1131BL-A, Ceramic Tile**

Lab ID-Version‡: 13844028-1

Sample Layers	Asbestos Content
Blue Ceramic Tile	ND
Gray Grout	ND
Sample Composite Homogeneity: Good	

Location: 315-1136BR-A, Ceramic Tile

Lab ID-Version‡: 13844029-1

Sample Layers	Asbestos Content
Brown Ceramic Tile	ND
Gray Grout	ND
Sample Composite Homogeneity: Good	

Location: 315-113LY-A, Ceramic Tile

Lab ID-Version‡: 13844030-1

Sample Layers	Asbestos Content
Yellow Ceramic Tile	ND
White Grout	ND
Gray Mortar	ND
Sample Composite Homogeneity: Good	

Location: 315-1451MG-A, Ceramic Tile

Lab ID-Version‡: 13844031-1

Sample Layers	Asbestos Content
Gray Ceramic Tile	ND
Gray Mortar	ND
Sample Composite Homogeneity: Good	

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Eurofins EMLab P&K

3000 Lincoln Drive East, Suite A, Marlton, NJ 08053
(866) 871-1984 Fax (856) 334-1040 www.emlab.com

Client: American Engineering Testing Inc
C/O: Bruce Boehm Carlson
Re: P-0011150; GDM Black Hills Health Care

Date of Sampling: 03-24-2022
Date of Receipt: 03-28-2022 and 03-29-2022
Date of Report: 03-30-2022

ASBESTOS PLM REPORT**Location: 315-1454LY-A, Ceramic Tile**

Lab ID-Version‡: 13844032-1

Sample Layers	Asbestos Content
Yellow Ceramic Tile	ND
Tan Grout	ND
Sample Composite Homogeneity: Good	

Location: 315-1456BR-A, Ceramic Tile

Lab ID-Version‡: 13844033-1

Sample Layers	Asbestos Content
Brown Ceramic Tile	ND
Sample Composite Homogeneity: Good	

Location: 315-1481Y-A, Ceramic Tile

Lab ID-Version‡: 13844034-1

Sample Layers	Asbestos Content
Yellow Ceramic Tile	ND
Gray Grout	ND
Sample Composite Homogeneity: Good	

Location: 315-1484W-A, Ceramic Tile

Lab ID-Version‡: 13844035-1

Sample Layers	Asbestos Content
White Ceramic Tile	ND
White Grout	ND
Sample Composite Homogeneity: Good	

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Date of Sampling: 03-24-2022
Date of Receipt: 03-28-2022 and 03-29-2022
Date of Report: 03-30-2022

ASBESTOS PLM REPORT**Location: 315-148LBRBS-A, Ceramic Tile**

Lab ID-Version‡: 13844036-1

Sample Layers	Asbestos Content
Brown Ceramic Tile	ND
Gray Grout	ND
Sample Composite Homogeneity: Good	

Location: 320-137T-A, Brick & Mortar

Lab ID-Version‡: 13844037-1

Sample Layers	Asbestos Content
Red Brick	ND
Gray Mortar	ND
Sample Composite Homogeneity: Good	

Location: 321-110G-A, Caulk

Lab ID-Version‡: 13844038-1

Sample Layers	Asbestos Content
Gray Caulk	ND
Sample Composite Homogeneity: Good	

Location: 321-110W-A, Caulk

Lab ID-Version‡: 13844039-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity: Good	

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Date of Sampling: 03-24-2022
Date of Receipt: 03-28-2022 and 03-29-2022
Date of Report: 03-30-2022

ASBESTOS PLM REPORT**Location: 321-113GP-A, Caulk**

Lab ID-Version‡: 13844040-1

Sample Layers	Asbestos Content
Gray Caulk	ND
Sample Composite Homogeneity: Good	

Location: 321-113R-A, Caulk

Lab ID-Version‡: 13844041-1

Sample Layers	Asbestos Content
Red Caulk	ND
Sample Composite Homogeneity: Good	

Location: 321-137EW-A, Caulk

Lab ID-Version‡: 13844042-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity: Good	

Location: 321-137G-A, Caulk

Lab ID-Version‡: 13844043-1

Sample Layers	Asbestos Content
Gray Caulk	ND
Sample Composite Homogeneity: Good	

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Date of Sampling: 03-24-2022
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Date of Report: 03-30-2022

ASBESTOS PLM REPORT**Location: 321-145BP-A, Caulk**

Lab ID-Version‡: 13844044-1

Sample Layers	Asbestos Content
Black Caulk	ND
Sample Composite Homogeneity: Good	

Location: 321-145GD-A, Caulk

Lab ID-Version‡: 13844045-1

Sample Layers	Asbestos Content
Gray Caulk	ND
Sample Composite Homogeneity: Good	

Location: 321-145GP-A, Caulk

Lab ID-Version‡: 13844046-1

Sample Layers	Asbestos Content
Gray Caulk	ND
Sample Composite Homogeneity: Good	

Location: 321-145HW-A, Caulk

Lab ID-Version‡: 13844047-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity: Good	

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Date of Report: 03-30-2022

ASBESTOS PLM REPORT**Location: 321-145R-A, Caulk**

Lab ID-Version‡: 13844048-1

Sample Layers	Asbestos Content
Red Caulk	ND
Sample Composite Homogeneity: Good	

Location: 321-145W-A, Caulk

Lab ID-Version‡: 13844049-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity: Good	

Location: 321-146GP-A, Caulk

Lab ID-Version‡: 13844050-1

Sample Layers	Asbestos Content
Gray Caulk	ND
Sample Composite Homogeneity: Good	

Location: 321-146R-A, Caulk

Lab ID-Version‡: 13844051-1

Sample Layers	Asbestos Content
Red Caulk	ND
Sample Composite Homogeneity: Good	

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Date of Report: 03-30-2022

ASBESTOS PLM REPORT**Location: 321-147G-A, Caulk**

Lab ID-Version‡: 13844052-1

Sample Layers	Asbestos Content
Gray Caulk	ND
Sample Composite Homogeneity: Good	

Location: 321-148R-A, Caulk

Lab ID-Version‡: 13844053-1

Sample Layers	Asbestos Content
Red Caulk	ND
Sample Composite Homogeneity: Good	

Location: 321-148W-A, Caulk

Lab ID-Version‡: 13844054-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity: Good	

Location: 321-50W-A, Caulk

Lab ID-Version‡: 13844055-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity: Good	

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Date of Sampling: 03-24-2022
Date of Receipt: 03-28-2022 and 03-29-2022
Date of Report: 03-30-2022

ASBESTOS PLM REPORT**Location: 321-88R-A, Caulk**

Lab ID-Version‡: 13844056-1

Sample Layers	Asbestos Content
Red Caulk	ND
Sample Composite Homogeneity: Good	

Location: 321-90GP-A, Caulk

Lab ID-Version‡: 13844057-1

Sample Layers	Asbestos Content
Gray Caulk	3% Chrysotile
Sample Composite Homogeneity: Good	

Location: 321-T171R-A, Caulk

Lab ID-Version‡: 13844058-1

Sample Layers	Asbestos Content
Red Caulk	ND
Sample Composite Homogeneity: Good	

Location: 321-T171W-A, Caulk

Lab ID-Version‡: 13844059-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity: Good	

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Date of Sampling: 03-24-2022
Date of Receipt: 03-28-2022 and 03-29-2022
Date of Report: 03-30-2022

ASBESTOS PLM REPORT**Location: 321-T296EW-A, Caulk**

Lab ID-Version‡: 13844060-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 336-145T-A, Paper

Lab ID-Version‡: 13844061-1

Sample Layers	Asbestos Content
Tan Paper	ND
Composite Non-Asbestos Content:	30% Cellulose
Sample Composite Homogeneity:	Good

Location: 336-146T-A, Paper

Lab ID-Version‡: 13844062-1

Sample Layers	Asbestos Content
Tan Paper	ND
Composite Non-Asbestos Content:	30% Cellulose
Sample Composite Homogeneity:	Good

Location: 509-145BR-A, Adhesive

Lab ID-Version‡: 13844063-1

Sample Layers	Asbestos Content
Brown Adhesive	ND
Sample Composite Homogeneity:	Good

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C/O: Bruce Boehm Carlson
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Date of Sampling: 03-24-2022
Date of Receipt: 03-28-2022 and 03-29-2022
Date of Report: 03-30-2022

ASBESTOS PLM REPORT**Location: 530-113BRB-A, Odd Sized Vinyl Floor Tile**

Lab ID-Version‡: 13844064-1

Sample Layers	Asbestos Content
Brown Sheet Flooring	ND
Brown Caulk	ND
Sample Composite Homogeneity: Good	

Location: 530-14616T-A, Odd Sized Vinyl Floor Tile

Lab ID-Version‡: 13844065-1

Sample Layers	Asbestos Content
Tan Sheet Flooring	ND
Transparent Mastic	ND
Sample Composite Homogeneity: Good	

Location: 530-T171T-A, Odd Sized Vinyl Floor Tile

Lab ID-Version‡: 13844066-1

Sample Layers	Asbestos Content
Tan Sheet Flooring	ND
Transparent Mastic	ND
Sample Composite Homogeneity: Good	

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EMLab P&K

Report for:

Bruce Boehm Carlson
American Engineering Testing Inc
550 Cleveland Avenue N.
Saint Paul, MN 55114

REVIEWED*By Bruce A. Boehm Carlson at 3:26 pm, Apr 05, 2022*

Regarding: Project: P-0011150; GDM Black Hills Health Care
EML ID: 2886110

Approved by:

Approved Signatory
Balu Krishnan

Dates of Analysis:

Asbestos-EPA 400 point count: 03-31-2022

Service SOPs: Asbestos-EPA 400 point count (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1262)
NVLAP Lab Code 200844-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the samples as received and tested.

Eurofins EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

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Client: American Engineering Testing Inc
C/O: Bruce Boehm Carlson
Re: P-0011150; GDM Black Hills Health Care

Date of Sampling: 03-24-2022
Date of Receipt: 03-29-2022
Date of Report: 03-31-2022

ASBESTOS POINT COUNT REPORT

Location:	107-90BPY-A Decorative Wall Texture		
Total Points Counted:	400		
Lab ID-Version‡:	13854702-1		
Sample Layers	Asbestos Type	Asbestos Points Counted	Asbestos Concentration (%)
Off-White Texture with Paint	Chrysotile	1	0.25
Layer Totals:		1	0.25

Location:	107-90BPY-B Decorative Wall Texture		
Total Points Counted:	400		
Lab ID-Version‡:	13854703-1		
Sample Layers	Asbestos Type	Asbestos Points Counted	Asbestos Concentration (%)
Off-White Texture with Paint	Chrysotile	1	0.25
Layer Totals:		1	0.25

Location:	107-90BPY-C Decorative Wall Texture		
Total Points Counted:	400		
Lab ID-Version‡:	13854704-1		
Sample Layers	Asbestos Type	Asbestos Points Counted	Asbestos Concentration (%)
Off-White Texture with Paint	Chrysotile	1	0.25
Layer Totals:		1	0.25

The analytical sensitivity is 1 asbestos point. The limit of detection is 1 asbestos point divided by the total number of points counted and multiplied by 100.

The results relate only to the items tested. Interpretation is left to the company and/or persons who conducted the field work. The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government.

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Re: P-0011150; GDM Black Hills Health Care

Date of Sampling: 03-24-2022
Date of Receipt: 03-29-2022
Date of Report: 03-31-2022

ASBESTOS POINT COUNT REPORT

Location:	305-148WC-A Sheetrock & Taping Compound		
Total Points Counted:	400		
Lab ID-Version‡:	13854705-1		
Sample Layers	Asbestos Type	Asbestos Points Counted	Asbestos Concentration (%)
Off-White Joint Compound	Chrysotile	2	0.5
Layer Totals:		2	0.5

Location:	305-T171WC-A Sheetrock & Taping Compound		
Total Points Counted:	400		
Lab ID-Version‡:	13854706-1		
Sample Layers	Asbestos Type	Asbestos Points Counted	Asbestos Concentration (%)
Off-White Joint Compound with Paint	Chrysotile	1	0.25
Layer Totals:		1	0.25

Location:	305-T171WC-B Sheetrock & Taping Compound		
Total Points Counted:	400		
Lab ID-Version‡:	13854707-1		
Sample Layers	Asbestos Type	Asbestos Points Counted	Asbestos Concentration (%)
Off-White Joint Compound with Paint	Chrysotile	1	0.25
Layer Totals:		1	0.25

The analytical sensitivity is 1 asbestos point. The limit of detection is 1 asbestos point divided by the total number of points counted and multiplied by 100.

The results relate only to the items tested. Interpretation is left to the company and/or persons who conducted the field work. The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government.

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002886110

Dataset: C:\Users\boehmcarlson\Desktop\Active and Past Projects\Active\P-0011150 GDM - Fort

Chain of Custody, Sample Set 1

Project Number	P-0011150	Building Number	113	Address 1	113 Comanche Road
Client Name	GDM	Building Name	Black Hills Health Ctr	Address 2	
Project Manager	Bruce A. Boehm Carlson	City, State, Zip	Fort Meade	SD	57741

State Samples From	SD	Total Number of Samples	147	Temperature Upon Receipt (C)			
Sampled By	Bruce A. Boehm Carlson	3/24/2022	Survey Date(s) <table border="1"> <tr> <td>Survey Date</td> <td>3/24/2022</td> </tr> </table>			Survey Date	3/24/2022
Survey Date	3/24/2022						
Received By							
Relinquished By 1	Bruce A. Boehm Carlson	3/25/2022					
Relinquished By 2	<i>[Signature]</i>						
Relinquished By 3							
Turnaround Time (Due Date)	Standard	3/30/2022					
Received in Lab By	SM XX 913A	3/28/22					
Analyzed By							

Notes: 147 bulk samples for asbestos PLM analysis.
 PO No.: 18334-315



**AMERICAN
ENGINEERING
TESTING, INC.**

American Engineering
Testing, Inc.
550 Cleveland Avenue North
St. Paul, MN 55114

Total List of Samples. Project Number P-0011150

Sample Number	Location Description	Material Description	Material Sub Description
104-113G-A	Building 113 Floor 01 EC1C	Spray Applied Fireproofing	Building 113 Gray
104-113G-B	Building 113 Floor 01 EC1C	Spray Applied Fireproofing	Building 113 Gray
104-113G-C	Building 113 Floor 01 EC1C	Spray Applied Fireproofing	Building 113 Gray
104-113W-A	Building 113 Floor 01 TCS103	Spray Applied Fireproofing	Building 113 White
104-113W-B	Building 113 Floor 01 TCS103	Spray Applied Fireproofing	Building 113 White
104-113W-C	Building 113 Floor 01 TCS103	Spray Applied Fireproofing	Building 113 White
107-90BPY-A	Building 90 Floor 01 109	Decorative Wall Texture	Building 90 Bumpy
107-90BPY-B	Building 90 Floor 01 109	Decorative Wall Texture	Building 90 Bumpy
107-90BPY-C	Building 90 Floor 01 109	Decorative Wall Texture	Building 90 Bumpy
109-113WC-A	Building 113 Floor 01 TC1A	Plaster	Building 113 Walls and Ceiling
109-113WC-B	Building 113 Floor 01 192A	Plaster	Building 113 Walls and Ceiling
109-113WC-C	Building 113 Floor 01 169	Plaster	Building 113 Walls and Ceiling
109-145WC-A	Building 145 Floor 01 TC1A	Plaster	Building 145 Walls and Ceiling
109-145WC-B	Building 145 Floor 01 122B	Plaster	Building 145 Walls and Ceiling
109-145WC-C	Building 145 Floor 02 TC2A	Plaster	Building 145 Walls and Ceiling
109-145WC-D	Building 145 Floor 01 132	Plaster	Building 145 Walls and Ceiling
109-145WC-E	Building 145 Floor 02 229A	Plaster	Building 145 Walls and Ceiling
109-146WC-A	Building 146 Floor 01 117	Plaster	Building 146 Walls and Ceiling
109-146WC-B	Building 146 Floor 01 117	Plaster	Building 146 Walls and Ceiling
109-146WC-C	Building 146 Floor 01 117	Plaster	Building 146 Walls and Ceiling
109-148WC-A	Building 148 Floor 01 ATC2	Plaster	Building 148 Walls and Ceiling
109-148WC-B	Building 148 Floor 01 A114A	Plaster	Building 148 Walls and Ceiling
109-148WC-C	Building 148 Floor 01 A114A	Plaster	Building 148 Walls and Ceiling
109-53WC-A	Building 53 Basement B108	Plaster	Building 53 Walls and Ceiling
109-53WC-B	Building 53 Basement B108	Plaster	Building 53 Walls and Ceiling
109-53WC-C	Building 53 Basement B108	Plaster	Building 53 Walls and Ceiling

Friday, March 25, 2022

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Sample Number	Location Description	Material Description	Material Sub Description
222-113HW-A	Building 113 Floor 01 192A	0-4" Fibrous Pipe Fittings	Building 113 Hard White
222-113HW-B	Building 113 Floor 01 192A	0-4" Fibrous Pipe Fittings	Building 113 Hard White
222-113HW-C	Building 113 Floor 01 192A	0-4" Fibrous Pipe Fittings	Building 113 Hard White
222-145HW-A	Building 145 Floor 01 122B	0-4" Fibrous Pipe Fittings	Building 145 Hard White
222-145HW-B	Building 145 Floor 01 122B	0-4" Fibrous Pipe Fittings	Building 145 Hard White
222-145HW-C	Building 145 Floor 01 122B	0-4" Fibrous Pipe Fittings	Building 145 Hard White
222-146HW-A	Building 146 Floor 01 117	0-4" Fibrous Pipe Fittings	Building 146 Hard White
222-146HW-B	Building 146 Floor 01 117	0-4" Fibrous Pipe Fittings	Building 146 Hard White
222-146HW-C	Building 146 Floor 01 117	0-4" Fibrous Pipe Fittings	Building 146 Hard White
234-137W-A	Building 137 Floor 01 104	Duct Insulation	Building 137 White
234-137W-B	Building 137 Floor 01 104	Duct Insulation	Building 137 White
234-137W-C	Building 137 Floor 01 104	Duct Insulation	Building 137 White
236-145W-A	Building 145 Floor 01 139B	Vibration Joints	Building 145 White
251-89BR-A	Building 89 Floor 02 200	Blown-in Insulation	Building 89 Brown
251-89BR-B	Building 89 Floor 02 200	Blown-in Insulation	Building 89 Brown
251-89BR-C	Building 89 Floor 02 200	Blown-in Insulation	Building 89 Brown
302-113PHC-A	Building 113 Floor 01 169	2x2 Ceiling Tile	Building 113 Pinhole Crater
302-113W-A	Building 113 Basement B29	2x2 Ceiling Tile	Building 113 White
302-113WFA	Building 113 Floor 01 192A	2x2 Ceiling Tile	Building 113 White Fiber
302-145PHC-A	Building 145 Floor 03 329	2x2 Ceiling Tile	Building 145 Pinhole Crater
302-145PHF-A	Building 145 Floor 02 229A	2x2 Ceiling Tile	Building 145 Pinhole Fissure
302-148WFA	Building 148 Floor 01 C108A	2x2 Ceiling Tile	Building 148 White Fiber
303-113PHF-A	Building 113 Basement B01	2x4 Ceiling Tile	Building 113 Pinhole Fissure
303-145PHC-A	Building 145 Floor 01 139B	2x4 Ceiling Tile	Building 145 Pinhole Crater
303-145PHF-A	Building 145 Floor 01 137C	2x4 Ceiling Tile	Building 145 Pinhole Fissure
303-147PHC-A	Building 147 Floor 01 109	2x4 Ceiling Tile	Building 147 Pinhole Crater
303-147PHD-A	Building 147 Floor 01 109	2x4 Ceiling Tile	Building 147 Pinhole Divot
303-148PHBW-A	Building 148 Floor 01 FTC1	2x4 Ceiling Tile	Building 148 Pinhole Birdwing

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Sample Number	Location Description	Material Description	Material Sub Description
303-53PHD-A	Building 53 Floor 01 112	2x4 Ceiling Tile	Building 53 Pinhole Divot
303-T171PHC-A	Building T171 Floor 01 101B	2x4 Ceiling Tile	Building T171 Pinhole Crater
303-T171PHD-A	Building T171 Floor 01 100	2x4 Ceiling Tile	Building T171 Pinhole Divot
305-113WC-A	Building 113 Floor 01 EC1C	Sheetrock & Taping Compound	Building 113 Walls and Ceiling
305-113WC-B	Building 113 Floor 01 TCS103	Sheetrock & Taping Compound	Building 113 Walls and Ceiling
305-145WC-A	Building 145 Floor 01 TC1A	Sheetrock & Taping Compound	Building 145 Walls and Ceiling
305-148WC-A	Building 148 Floor 01 FTC1	Sheetrock & Taping Compound	Building 148 Walls and Ceiling
305-359WC-A	Building 359 Floor 01 W. Gara	Sheetrock & Taping Compound	Building 359 Walls and Ceiling
305-40WC-A	Building 40 Floor 01 102	Sheetrock & Taping Compound	Building 40 Walls and Ceiling
305-88WC-A	Building 88 Floor 01 100A	Sheetrock & Taping Compound	Building 88 Walls and Ceiling
305-90WC-A	Building 90 Floor 01 109	Sheetrock & Taping Compound	Building 90 Walls and Ceiling
305-T171WC-A	Building T171 Floor 01 101B	Sheetrock & Taping Compound	Building T171 Walls and Ceiling
305-T171WC-B	Building T171 Floor 01 100	Sheetrock & Taping Compound	Building T171 Walls and Ceiling
305-T296WC-A	Building T296 Floor 01 101	Sheetrock & Taping Compound	Building T296 Walls and Ceiling
308-1134BG-A	Building 113 Floor 01 TCS103	Base Cove & Mastic	Building 113 4" Beige
308-1136BG-A	Building 113 Basement B29	Base Cove & Mastic	Building 113 6" Beige
308-113LBRA	Building 113 Basement B01	Base Cove & Mastic	Building 113 Light Brown
308-1454G-A	Building 145 Floor 01 139B	Base Cove & Mastic	Building 145 4" Gray
308-1456BG-A	Building 145 Floor 03 329	Base Cove & Mastic	Building 145 6" Beige
308-1456G-A	Building 145 Floor 01 137C	Base Cove & Mastic	Building 145 6" Gray
308-1456T-A	Building 145 Floor 01 132	Base Cove & Mastic	Building 145 6" Tan
308-1466T-A	Building 146 Floor 01 117	Base Cove & Mastic	Building 146 6" Tan
308-1474G-A	Building 147 Floor 01 109	Base Cove & Mastic	Building 147 4" Gray
308-1484B-A	Building 148 Floor 01 CTC1	Base Cove & Mastic	Building 148 4" Black
308-1484BL-A	Building 148 Floor 01 C106A	Base Cove & Mastic	Building 148 4" Blue
308-1484BR-A	Building 148 Floor 01 FTC1	Base Cove & Mastic	Building 148 4" Brown
308-884B-A	Building 88 Floor 01 100A	Base Cove & Mastic	Building 88 4" Black
308-904BG-A	Building 90 Floor 01 109	Base Cove & Mastic	Building 90 4" Beige

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Sample Number	Location Description	Material Description	Material Sub Description
308-T171T-A	Building T171 Floor 01 101B	Base Cove & Mastic	Building T171 Tan
309-113BR-A	Building 113 Floor 01 TC1A	Mastic - Carpet	Building 113 Brown
309-113T-A	Building 113 Floor 01 192A	Mastic - Carpet	Building 113 Tan
309-145BR-A	Building 145 Floor 03 329	Mastic - Carpet	Building 145 Brown
309-146T-A	Building 146 Floor 01 108	Mastic - Carpet	Building 146 Tan
309-147BR-A	Building 147 Floor 01 109	Mastic - Carpet	Building 147 Brown
309-148BGOB-A	Building 148 Floor 01 C106A	Mastic - Carpet	Building 148 Beige Over Black
309-90T-A	Building 90 Floor 01 109	Mastic - Carpet	Building 90 Tan
310-113GM-A	Building 113 Floor 01 TC1A	12x12 Floor Tile & Mastic	Building 113 Gray Mottled
310-113LGM-A	Building 113 Basement B29	12x12 Floor Tile & Mastic	Building 113 Light Gray Mottle
310-113PM-A	Building 113 Floor 02 TC2A	12x12 Floor Tile & Mastic	Building 113 Pink Mottled
310-113TM-A	Building 113 Floor 01 TCS103	12x12 Floor Tile & Mastic	Building 113 Tan Mottled
310-113WBGB-A	Building 113 Floor 01 EC1E	12x12 Floor Tile & Mastic	Building 113 White w/ Beige Bl
310-145CBS-A	Building 145 Floor 01 TC1A	12x12 Floor Tile & Mastic	Building 145 Cream w/ Beige S
310-145GWS-A	Building 145 Floor 01 139B	12x12 Floor Tile & Mastic	Building 145 Gray w/ White Str
310-145TGS-A	Building 145 Floor 01 132	12x12 Floor Tile & Mastic	Building 145 Tan w/ Gray Strea
310-145W-A	Building 145 Floor 03 329	12x12 Floor Tile & Mastic	Building 145 White
310-145WRBS-A	Building 145 Floor 02 TC2A	12x12 Floor Tile & Mastic	Building 145 White w/ Red and
310-148WTS-A	Building 148 Floor 01 F108	12x12 Floor Tile & Mastic	Building 148 White w/ Tan Stre
310-88TBR-S-A	Building 88 Floor 01 100A	12x12 Floor Tile & Mastic	Building 88 Tan w/ Brown Stre
310-90WM-A	Building 90 Floor 01 109	12x12 Floor Tile & Mastic	Building 90 White Mottled
311-113BGBRS-A	Building 113 Basement TCBA	9x9 Floor Tile & Mastic	Building 113 Beige w/ Brown S
311-145GPBS-A	Building 145 Floor 01 137C	9x9 Floor Tile & Mastic	Building 145 Gray w/ Pink and
311-88BRPP-A	Building 88 Floor 01 B102D	9x9 Floor Tile & Mastic	Building 88 Brown w/ Pink Pate
312-113T-A	Building 113 Basement TCBA	Mastic - Floor Tile	Building 113 Tan
312-145YB-A	Building 145 Floor 02 229A	Mastic - Floor Tile	Building 145 Yellow and Black
315-1131BL-A	Building 113 Floor 01 169A	Ceramic Tile	Building 113 1" Blue
315-1136BR-A	Building 113 Floor 01 TC1A	Ceramic Tile	Building 113 6" Brown

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Sample Number	Location Description	Material Description	Material Sub Description
315-113LY-A	Building 113 Floor 01 169A	Ceramic Tile	Building 113 4" Light Yellow
315-1451MG-A	Building 145 Floor 01 122B	Ceramic Tile	Building 145 1" Multi-Gray
315-1454LY-A	Building 145 Floor 01 122B	Ceramic Tile	Building 145 4" Light Yellow
315-1456BR-A	Building 145 Floor 02 229A	Ceramic Tile	Building 145 6" Brown
315-1481Y-A	Building 148 Floor 01 ATC2	Ceramic Tile	Building 148 1" Yellow
315-1484W-A	Building 148 Floor 01 ATC2	Ceramic Tile	Building 148 4" Yellow
315-148LBRBS-A	Building 148 Floor 01 A114A	Ceramic Tile	Building 148 Light Brown w/ BI
320-137T-A	Building 137 Exterior 104	Brick & Mortar	Building 137 Tan
321-110G-A	Building 110 Floor 01 102	Caulk	Building 110 Gray
321-110W-A	Building 110 Floor 01 102	Caulk	Building 110 White
321-113GP-A	Building 113 Floor 02 TC2A	Caulk	Building 113 Gray Penetration
321-113R-A	Building 113 Floor 01 EC1C	Caulk	Building 113 Red
321-137EW-A	Building 137 Exterior 104	Caulk	Building 137 Exterior White
321-137G-A	Building 137 Floor 01 104	Caulk	Building 137 Gray
321-145BP-A	Building 145 Floor 01 137C	Caulk	Building 145 Black Penetration
321-145GD-A	Building 145 Floor 01 139B	Caulk	Building 145 Gray Duct
321-145GP-A	Building 145 Floor 02 TC2A	Caulk	Building 145 Gray Penetration
321-145HW-A	Building 145 Floor 01 137C	Caulk	Building 145 Hard White
321-145R-A	Building 145 Floor 01 TC1A	Caulk	Building 145 Red
321-145W-A	Building 145 Floor 01 132	Caulk	Building 145 White
321-146GP-A	Building 146 Floor 01 117	Caulk	Building 146 Gray Penetration
321-146R-A	Building 146 Floor 01 117	Caulk	Building 146 Red
321-147G-A	Building 147 Floor 01 109	Caulk	Building 147 Gray
321-148R-A	Building 148 Floor 01 ATC2	Caulk	Building 148 Red
321-148W-A	Building 148 Floor 01 A114A	Caulk	Building 148 White
321-50W-A	Building 50 Basement B101	Caulk	Building 50 White
321-88R-A	Building 88 Floor 01 100A	Caulk	Building 88 Red
321-90GP-A	Building 90 Floor 01 109	Caulk	Building 90 Gray Penetration

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Sample Number	Location Description	Material Description	Material Sub Description
321-T171R-A	Building T171 Floor 01 100	Caulk	Building T171 Red
321-T171W-A	Building T171 Floor 01 101B	Caulk	Building T171 White
321-T296EW-A	Building T296 Exterior 101A	Caulk	Building T296 Exterior White
336-145T-A	Building 145 Floor 01 132	Paper	Building 145 Tan
336-146T-A	Building 146 Floor 01 117	Paper	Building 146 Tan
509-145BR-A	Building 145 Floor 01 137C	Adhesive	Building 145 Brown
530-113BRB-A	Building 113 Floor 01 169	Odd Sized Vinyl Floor Tile	Building 113 Brown Board
530-14616T-A	Building 146 Floor 01 117	Odd Sized Vinyl Floor Tile	Building 146 16" Tan
530-T171T-A	Building T171 Floor 01 101B	Odd Sized Vinyl Floor Tile	Building T171 Tan

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Appendix D

Lead Testing Results



Appendix D - Lead Test Results

Black Hills Healthcare System
Fort Meade, VA
AET Project No. P-0011150

Project: GDM - Fort Meade VA Black Hills Health Care System						By: Bruce A. Boehm Carlson				
Project No.: P-0011150						Date: March 22-24, 2022				
Shot	Building	Fl.	Rm.	Side/Location	Component	Substrate	Color	Reading (mg/cm ²)	Quantity	Result
1			Calibration		Range <0.01	SRM 2570		0.00	NA	Pass
2			Calibration		1.04 ± 0.09	SRM 2573		1.00	NA	Pass
3			Calibration		3.58 ± 0.39	SRM 2571		3.60	NA	Pass
4	145	1	TC1A	South	Wall	Sheetrock	Cream	0.00	NA	Negative
5	145	1	TC1A	North	Wall	Terra Cotta Block	Lt. Green	0.80	NA	Negative
6	145	1	TC1A	North	Panel	Wood	Gray	0.01	NA	Negative
7	145	1	TC1A	North	Wall and Ceiling	Plaster	Lt. Tan	0.40	NA	Negative
8	145	1	TC1A	South	Door Frame	Metal	Army Green	0.00	NA	Negative
9	145	1	TC1A	South	Door	Wood	Med. Stain	0.00	NA	Negative
10	145	1	TC1A	South	Door Frame	Metal	Brown	0.00	NA	Negative
11	145	1	122B	Floor	1" Tile	Ceramic	Multi-Gray	0.00	NA	Negative
12	145	1	122B	North	4" Tile	Ceramic	Lt. Yellow	0.06	NA	Negative
13	145	1	122B	North	Wall	Plaster	White	0.00	NA	Negative
14	145	1	122B	South	Door Frame	Metal	Army Green	0.07	NA	Negative
15	145	1	122B	South	Door	Metal	Beige	0.00	NA	Negative
16	145	1	122B	North	Door	Metal	Cream	0.00	NA	Negative
17	145	1	122B	West	Heater	Metal	Cream	0.16	NA	Negative
18	145	2	TC2A	North	Wall	Terra Cotta Block	Tan	1.50	75 SF	Positive
19	145	2	TC2A	North	Wall	Plaster	White	0.01	NA	Negative
20	145	2	TC2A	North	Panel	Wood	Gray	0.00	NA	Negative
21	145	2	TC2A	South	Door Frame	Metal	Tan	0.02	NA	Negative
22	145	2	TC2A	South	Door Frame	Metal	Beige	0.00	NA	Negative
23	145	2	TC2A	South	Door	Wood	Med. Stain	0.00	NA	Negative
24	145	2	TC2A	West	Wall	Plaster	Yellow	0.01	NA	Negative
25	145	3	TC3A	North	Wall	Terra Cotta Block	Tan	1.60	75 SF	Positive
26	145	3	TC3A	West	Wall	Plaster	White	0.01	NA	Negative
27	145	3	TC3A	North	Panel	Wood	Gray	0.00	NA	Negative
28	145	3	TC3A	South	Door Frame	Metal	Blue	0.00	NA	Negative
29	145	3	TC3A	South	Door	Wood	Blonde	0.00	NA	Negative
30	145	3	TC3A	South	Door Frame	Metal	Beige	0.00	NA	Negative
31	145	1	132	West	Wall	Terra Cotta Block	Gray	0.40	NA	Negative
32	145	1	132	South	Wall	Terra Cotta Block	Lt. Blue	0.17	NA	Negative
33	145	1	132	South	Wall	Plaster	Tan	0.60	NA	Negative
34	145	1	132	West	Door Frame	Metal	Cream	0.28	NA	Negative
35	145	1	132	West	Door	Metal	White	0.00	NA	Negative
36	145	1	132	NA	Ceiling Tile	Metal	White	0.01	NA	Negative
37	145	1	132	NA	Ceiling	Plaster	White	0.00	NA	Negative
38	145	1	132	West	Wall	Sheetrock	Lt. Blue	0.00	NA	Negative
39	145	1	132	North	Door	Metal	Dk. Blue	0.05	NA	Negative
40	145	1	132	East	Window Frame	Metal	Cream	0.00	NA	Negative
41	145	1	137C	East	Wall	Plaster	Tan	0.00	NA	Negative
42	145	1	137C	North	Wall	Sheetrock	Tan	0.00	NA	Negative
43	145	1	137C	North	Door Frame	Metal	Gray	0.01	NA	Negative
44	145	1	139B	North	Wall	Sheetrock	Cream	0.00	NA	Negative
45	145	1	139B	East	Wall	Concrete	Cream	0.00	NA	Negative
46	145	1	139B	North	Door	Metal	White	0.00	NA	Negative
47	145	1	139B	West	Door	Wood	Blonde	0.00	NA	Negative
48	145	1	139B	East	Panel	Wood	Gray	0.00	NA	Negative
49	145	2	229A	South	6" Tile Base Cove	Ceramic	Brown	0.60	NA	Negative
50	145	2	229A	South	Wall	Plaster	Cream	0.30	NA	Negative
51	145	3	329	West	Wall	Sheetrock	Cream	0.00	NA	Negative
52	145	3	329	East	Wall	Plaster	Cream	0.60	NA	Negative
53	145	3	329	East	Door Frame	Metal	Brown	0.00	NA	Negative
54	145	3	329	East	Door	Wood	Blonde	0.00	NA	Negative
55	89	2	200	West	Panel	Wood	Gray	0.00	NA	Negative
56	90	2	200	West	Panel	Wood	Gray	0.00	NA	Negative
57	90	1	109	East	Wall	Sheetrock	Cream	0.00	NA	Negative
58	90	1	109	North	Window Trim	Wood	White	0.00	NA	Negative
59	90	1	109	North	Window Sash	Wood	White	0.00	NA	Negative
60	90	1	109	East	Door/Door Frame	Wood	Blonde	0.00	NA	Negative
61	88	1	100A	West	Panel	Wood	Gray	0.00	NA	Negative
62	88	1	100A	West	Wall	Sheetrock	White	0.00	NA	Negative
63	88	1	100A	East	Door/Door Frame	Metal	Brown	0.00	NA	Negative
64	88	1	B102D	East	Wall	Sheetrock	White	0.00	NA	Negative
65	88	1	B102D	East	Wall	Wood	White	0.00	NA	Negative
66	88	1	B102D	NA	Ceiling	Wood	Cream	0.01	NA	Negative
67	88	1	B102D	North	Window Trim	Wood	White	0.40	NA	Negative
68	88	1	B102D	North	Window Sash	Wood	White	0.11	NA	Negative
69	85	1	100A	South	Wall	Sheetrock	Cream	0.00	NA	Negative
70	359	1	W. Garage	West	Wall	Concrete	Tan	0.00	NA	Negative
71	T171	1	100	East	Wall	Sheetrock	White	0.00	NA	Negative
72	T171	1	100	East	Panel	Wood	Gray	0.00	NA	Negative
73	T171	1	101B	East	Wall	Sheetrock	Tan	0.06	NA	Negative

Project: GDM - Fort Meade VA Black Hills Health Care System						By: Bruce A. Boehm Carlson				
Project No.: P-0011150						Date: March 22-24, 2022				
Shot	Building	Fl.	Rm.	Side/Location	Component	Substrate	Color	Reading (mg/cm ²)	Quantity	Result
74	T171	1	101B	NA	Pipe	Metal	Tan	0.07	NA	Negative
75	T171	1	101B	South	Door/Door Frame	Wood	Tan	27.90	27 SF	Positive
76	T171	1	101B	North	Trim	Wood	Tan	0.02	NA	Negative
77	T171	1	101B	North	Window Trim	Wood	White	0.00	NA	Negative
78	T171	1	101B	North	Window Sash	Wood	White	0.00	NA	Negative
79	46	BSMT	B101	West	Wall	Concrete	White	0.00	NA	Negative
80	46	BSMT	B101	West	Window	Wood	White	5.50	5 SF	Positive
81	46	BSMT	B101	NA	Ceiling	Wood	White	0.01	NA	Negative
82	46	BSMT	B101	West	Panel	Wood	Gray	0.00	NA	Negative
83	40	1	102	West	Wall	Sheetrock	Lt. Tan	0.00	NA	Negative
84	40	1	102	South	Wall	Sheetrock	Tan	0.00	NA	Negative
85	40	1	102	South	Panel	Wood	Gray	0.00	NA	Negative
86	40	1	102A	East	Wall	Sheetrock	Blue	0.00	NA	Negative
87	40	1	102A	NA	Floor	Concrete	Gray	0.00	NA	Negative
88	40	1	102A	South	Wall	Brick	Lt. Gray	0.00	NA	Negative
89	40	1	102A	East	Wall	Sheetrock	White	0.04	NA	Negative
90	110	1	102	East	Wall	Concrete	Lt. Green	0.00	NA	Negative
91	110	1	102	West	Wall	Wood	Lt. Green	0.01	NA	Negative
92	110	1	102	NA	Ceiling	Wood	White	0.01	NA	Negative
93	110	1	102	South	Door	Wood	White	0.01	NA	Negative
94	110	1	102	NA	Floor	Concrete	Gray	0.14	NA	Negative
95	50	BSMT	B101	North	Panel	Wood	Gray	0.00	NA	Negative
96	50	BSMT	B101	NA	Ceiling	Wood	Gray	1.50	375 SF	Positive
97	146	1	117	NA	Ceiling	Plaster	Cream	0.00	NA	Negative
98	146	1	117	East	Wall	Plaster	Tan	0.00	NA	Negative
99	146	1	117	South	Door/Door Frame	Metal	Cream	0.00	NA	Negative
100	146	1	117	North	Panel	Wood	Gray	0.00	NA	Negative
101	146	1	108	North	Wall	Concrete	Tan	0.04	NA	Negative
102	146	1	108	North	Door/Door Frame	Metal	White	0.00	NA	Negative
103	53	Attic	TB2A	North	Panel	Wood	Gray	0.00	NA	Negative
104	53	BSMT	B108	North	Wall	Plaster	White	0.40	NA	Negative
105	53	BSMT	B108	North	Window	Wood	White	3.70	2 SF	Positive
106	53	BSMT	B108	West	Panel	Wood	Gray	0.00	NA	Negative
107	53	BSMT	B108	South	Panel	Wood	Dk. Stain	0.00	NA	Negative
108	53	BSMT	B108	South	Door	Wood	Blonde	0.00	NA	Negative
109	53	BSMT	B108	South	Door Frame	Wood	White	0.00	NA	Negative
110	53	BSMT	B108	North	Wall	Plaster	Gray	0.08	NA	Negative
111	53	BSMT	B108	NA	Floor	Concrete	Gray	0.14	NA	Negative
112	53	1	112	South	Wall	Plaster	Cream	0.00	NA	Negative
113	T296	1	101	NW	Wall	Sheetrock	White	0.00	NA	Negative
114	T296	1	101	SW	Panel	Wood	Gray	0.00	NA	Negative
115	T296	Exterior	Exterior	SW	Foundation	Concrete	Red	0.00	NA	Negative
116	T296	Exterior	Exterior	SW	Wall	Wood	White	0.14	NA	Negative
117	T296	Exterior	Exterior	SW	Window Frame	Metal	White	1.50	2 SF	Positive
118			Calibration		Range <0.01	SRM 2570		0.00	NA	Pass
119			Calibration		1.53 ± 0.09	SRM 2572		1.50	NA	Pass
120			Calibration		3.58 ± 0.39	SRM 2571		3.60	NA	Pass
121	137	1	104	NA	Floor	Concrete	Lt. Gray	0.00	NA	Negative
122	137	1	104	North	Wall	Concrete	White	0.00	NA	Negative
123	137	1	104	North	Duct	Fiberglass	Cream	0.00	NA	Negative
124	137	1	104	East	Pipe Insulation	Fiberglass	Purple	0.00	NA	Negative
125	137	1	104	NA	Ceiling	Metal	Lt. Gray	0.00	NA	Negative
126	137	1	104	North	Door/Door Frame	Metal	Cream	0.00	NA	Negative
127	137	1	100	North	Panel	Wood	Gray	0.00	NA	Negative
128	137	1	100	North	Wall	Terra Cotta Block	Tan	0.90	NA	Negative
129	147	1	109	North	Wall	Concrete	White	0.00	NA	Negative
130	147	1	109	West	Door/Door Frame	Metal	Gray	0.00	NA	Negative
131	147	1	109	South	Panel	Wood	Gray	0.00	NA	Negative
132	148	1	ATC2	NA	1" Tile Floor	Ceramic	Yellow	0.00	NA	Negative
133	148	1	ATC2	East	4" Tile Base Cove	Ceramic	White	3.20	11 SF	Positive
134	148	1	ATC2	East	Wall	Plaster	Cream	0.00	NA	Negative
135	148	1	ATC2	West	Panel	Wood	Gray	0.00	NA	Negative
136	148	1	ATC2	East	Door Frame	Metal	Cream	0.03	NA	Negative
137	148	1	ATC2	East	Door	Wood	Blonde	0.01	NA	Negative
138	148	1	ATC2	East	Door Frame	Metal	Beige	0.00	NA	Negative
139	148	1	FTC1	West	Wall	Sheetrock	Cream	0.06	NA	Negative
140	148	1	FTC1	East	Door Frame	Metal	Cream	0.00	NA	Negative
141	148	1	FTC1	East	Door	Wood	Blonde	0.00	NA	Negative
142	148	1	FTC1	West	Panel	Wood	Gray	0.00	NA	Negative
143	148	1	FTC1	NA	Floor	Concrete	Gray	0.05	NA	Negative
144	148	1	F108	North	Wall	Sheetrock	White	0.00	NA	Negative
145	148	1	F108	East	Door Frame	Metal	White	0.00	NA	Negative
146	148	1	F108	East	Door Frame	Metal	Beige	0.00	NA	Negative
147	148	1	F108	East	Door	Wood	Blonde	0.00	NA	Negative
148	148	1	CTC1	NA	Floor	Concrete	Gray	0.04	NA	Negative
149	148	1	CTC1	West	Panel	Wood	Lt. Gray	0.00	NA	Negative
150	148	1	CTC1	West	Panel	Wood	Gray	0.00	NA	Negative
151	148	1	CTC1	West	Wall	Sheetrock	Cream	0.01	NA	Negative

Project: GDM - Fort Meade VA Black Hills Health Care System						By: Bruce A. Boehm Carlson				
Project No.: P-0011150						Date: March 22-24, 2022				
Shot	Building	Fl.	Rm.	Side/Location	Component	Substrate	Color	Reading (mg/cm ²)	Quantity	Result
152	148	1	CTC1	East	Door Frame	Metal	Cream	0.10	NA	Negative
153	148	1	CTC1	East	Door Frame	Metal	Beige	0.01	NA	Negative
154	148	1	CTC1	East	Door	Wood	Blonde	0.00	NA	Negative
155	148	1	C106A	North	Wall	Sheetrock	Tan	0.00	NA	Negative
156	148	1	C106A	North	Door Frame	Metal	Tan	0.00	NA	Negative
157	148	1	C106A	North	Door	Wood	Blonde	0.00	NA	Negative
158	148	1	A114A	West	Wall	Plaster	Brown/White	0.01	NA	Negative
159	148	1	A114A	South	Wall	Sheetrock	Brown/White	0.01	NA	Negative
160	148	1	A114A	NA	Ceiling	Sheetrock	White	0.01	NA	Negative
161	148	1	A114A	West	Door Frame	Metal	White	0.04	NA	Negative
162	148	1	A114A	South	Door Frame	Metal	Beige	0.03	NA	Negative
163	148	1	A114A	South	Door	Metal	White	0.03	NA	Negative
164	148	1	A114A	South	Door	Metal	Beige	0.03	NA	Negative
165	148	1	A114A	West	Door	Metal	Cream	0.01	NA	Negative
166	148	1	A114A	NA	6" Floor Tile	Ceramic	Brown	0.00	NA	Negative
167	113	1	EC1C	West	Wall	Sheetrock	Cream	0.00	NA	Negative
168	113	1	EC1C	North	Panel	Wood	Gray	0.00	NA	Negative
169	113	1	EC1C	South	Door Frame	Metal	Cream	0.00	NA	Negative
170	113	1	EC1C	South	Door Frame	Metal	Beige	0.00	NA	Negative
171	113	1	EC1C	South	Door	Wood	Blonde	0.00	NA	Negative
172	113	1	EC1C	NA	Duct	Metal	Cream	0.00	NA	Negative
173	113	1	TC1A	West	Wall	Plaster	White	0.00	NA	Negative
174	113	1	TC1A	NA	6" Floor Tile	Ceramic	Brown	0.00	NA	Negative
175	113	1	TC1A	South	Panel	Wood	Gray	0.00	NA	Negative
176	113	1	TC1A	North	Door Frame	Metal	Cream	0.00	NA	Negative
177	113	1	TC1A	North	Door Frame	Metal	Beige	0.00	NA	Negative
178	113	1	TC1A	North	Door	Wood	Blonde	0.00	NA	Negative
179	113	1	EC1F	North	Wall	Plaster	Cream	0.00	NA	Negative
180	113	1	EC1F	West	Panel	Wood	Gray	0.01	NA	Negative
181	113	1	EC1F	East	Door Frame	Metal	Peach	0.00	NA	Negative
182	113	1	EC1F	East	Door Frame	Metal	Beige	0.00	NA	Negative
183	113	1	EC1F	East	Door	Wood	Blonde	0.00	NA	Negative
184	113	1	TCS103	East	Wall	Sheetrock	Cream	0.00	NA	Negative
185	113	1	TCS103	South	Panel	Wood	Gray	0.00	NA	Negative
186	113	1	TCS103	North	Door Frame	Metal	Beige	0.00	NA	Negative
187	113	1	TCS103	North	Door	Wood	Blonde	0.00	NA	Negative
188	113	1	TCBA	North	Wall	Sheetrock	White	0.00	NA	Negative
189	113	1	TCBA	West	Panel	Wood	Lt. Gray	0.00	NA	Negative
190	113	1	TCBA	East	Door Frame	Metal	Cream	0.00	NA	Negative
191	113	1	TCBA	East	Door	Wood	Blonde	0.00	NA	Negative
192	113	2	TC2A	West	Panel	Wood	Gray	0.00	NA	Negative
193	113	2	TC2A	North	Wall	Sheetrock	Lt. Green	0.00	NA	Negative
194	113	2	TC2A	South	Wall	Concrete	Lt. Green	0.00	NA	Negative
195	113	2	TC2A	East	Door Frame	Metal	Cream	0.00	NA	Negative
196	113	2	TC2A	East	Door	Wood	Cream	0.00	NA	Negative
197	113	BSMT	B29	East	Wall	Sheetrock	Cream	0.00	NA	Negative
198	113	BSMT	B29	NA	Ceiling	Sheetrock	White	0.00	NA	Negative
199	113	BSMT	B29	West	Wall	Concrete	Cream	0.04	NA	Negative
200	113	BSMT	B29	West	Door	Wood	Med. Stain	0.00	NA	Negative
201	113	BSMT	B29	West	Door Frame	Metal	White	0.16	NA	Negative
202	113	1	EC1E	North	Wall	Sheetrock	Cream	0.00	NA	Negative
203	113	1	EC1E	East	Door Frame	Metal	Beige	0.00	NA	Negative
204	113	1	EC1E	East	Door	Wood	Blonde	0.00	NA	Negative
205	113	1	EC1E	West	Panel	Wood	Gray	0.00	NA	Negative
206	113	1	192/192A	South	Wall	Sheetrock	Lt. Green	0.00	NA	Negative
207	113	1	192/192A	North	Wall	Plaster	Lt. Green	0.00	NA	Negative
208	113	1	192/192A	North	Door Frame	Metal	Beige	0.00	NA	Negative
209	113	1	192/192A	North	Door	Wood	Blonde	0.00	NA	Negative
210	113	1	192/192A	East	Wall	Sheetrock	Lt. Blue	0.00	NA	Negative
211	113	BSMT	B01	West	Wall	Concrete	Cream	0.00	NA	Negative
212	113	BSMT	B01	East	Wall	Plaster	Cream	0.00	NA	Negative
213	113	BSMT	B01	North	Wall	Sheetrock	Cream	0.00	NA	Negative
214	113	BSMT	B01	East	Door Frame	Metal	Cream	0.03	NA	Negative
215	113	BSMT	B01	East	Door	Wood	Blonde	0.00	NA	Negative
216	113	1	169	East	Wall	Plaster	Tan	0.30	NA	Negative
217	113	1	169	North	Door Frame	Metal	Tan	0.70	NA	Negative
218	113	1	169	North	Door	Wood	Blonde	0.00	NA	Negative
219	113	1	169	North	Door Frame	Metal	Beige	0.00	NA	Negative
220	113	1	169A	NA	1" Floor Tile	Ceramic	Blue	0.00	NA	Negative
221	113	1	169A	West	4" Wall Tile	Ceramic	Lt. Yellow	6.80	128 SF	Positive
222	113	1	169A	West	Wall	Plaster	Tan	0.03	NA	Negative
223	113	1	169A	North	Door	Wood	Blonde	0.00	NA	Negative
224			Calibration		Range <0.01	SRM 2570		0.00	NA	Pass
225			Calibration		0.71 ± 0.08	SRM 2574		0.70	NA	Pass
226			Calibration		3.58 ± 0.39	SRM 2571		3.60	NA	Pass

Appendix E

Pre-Demolition Environmental Checklist and Guide

Appendix E

Pre-Renovation/Demolition Environmental Checklist

To prevent hazardous materials from contaminating soil and groundwater remove the items below before starting a renovation or demolition project, and then manage and recycle or dispose of them correctly. This checklist is provided to help you manage the project.

Mercury	Qty		Qty		Qty
Batteries		Firestats:			
Smoke detectors:		Manometers:		Boiler insulation:	
Emergency lighting systems:		Thermometers:		HVAC duct insulation:	
Elevator control panels:		Boilers, furnaces, heaters, and tanks		Ductwork flexible fabric connections:	
Exit signs:		Mercury flame sensors by		Fireproofing materials:	
Security systems and alarms:		pilot lights:		Fire doors:	
Lighting		Manometers, thermometers,		Flooring:	
Fluorescent lights:		gauges:		Vinyl floor tile:	
High intensity discharge		Pressure-trol:		Vinyl sheet flooring:	
Metal halide:		Float or level controls:		Asphalt tile:	
High pressure sodium:		Space heater controls:		Linoleum paper backing:	
Mercury vapor:		Electrical systems		Mastic/glue (floor tile, carpet, etc.)	
Neon:		Load meters & supply relays:		Electrical	
Switches for lighting using mercury relays (<i>look for any control associated with exterior or automated lighting systems</i>):		Phase splitters:		Electrical panels:	
"Silent" wall switches:		Micro relays:		Electrical wiring insulation:	
Heating, ventilating, and air conditioning systems		Mercury displacement relays:		Heating and electrical ducts/conduit:	
Thermostats:		Asbestos		Pipe and other insulation	
Aquastats:		Boiler rooms		Aircell (corrugated cardboard):	
Pressurestats:		Boilers, furnaces, fireplaces, and their components:		Millboard:	
Asbestos (continued)	Qty	Cement sheets near heating equipment:		Preform:	
Spray applied insulation:			Qty	Joint compound:	
Blown-in insulation:		ChloroFluoroCarbons			Qty
Block:		Fire extinguishers (both portable and installed halon suppression systems):		Lead-acid batteries (lighting, exit signs, security systems):	
Surfacing materials		Air conditioners (rooftop, room, and central):		Lead flashing molds and roof vents:	
Acoustical plaster:		Walk in coolers (refrigeration or cold storage areas):		Lead pipes and solder:	
Decorative plaster:				Lead-lined X-ray rooms:	
Textured paints & coatings:		Water fountains and dehumidifiers:			
Spray-applied materials (acoustical, decorative, or insulative):		Refrigerators/freezers/chillers:		Other	
Roofing		Heat pumps:		Solid waste (all non-building components such as unattached carpet, files, books, trash, desks, chairs, etc.) must be removed prior to demolition:	
Base flashing:		Vending machines/food display cases:		Hazardous waste (including household) must be properly handled and disposed of prior to demolition:	
Cement materials (Transite)				Oil (used oil, hydraulic oils in door closers, elevator shafts, etc.) must be collected and properly disposed of prior to demolition:	
Cement pipes (flues & vents):		Poly-Chlorinated BiPhenyls (PCBs)		Tanks (no evidence of former heating tanks or storage tanks exist):	
Cement wallboard:		Transformers:		Appliances must be recycled by an appliance recycler:	
Cement siding:		Transistors:		Electronics:	
Pegboard:		Capacitors:			
Ceiling materials		Heat transfer equipment:			
Ceiling tiles:		Light ballasts:			
Ceiling tile adhesives (pucks):					
Lay-in ceiling panels:		Lead			
Acoustical tiles:		Lead-based paint (woodwork, metal equipment, interior/ exterior uses):			
Miscellaneous					
Taping, joint, and spackling compound:					
Caulking/putties:					
Fire curtains and blankets:					
Laboratory hoods, table tops, gloves, etc.:					
Gaskets:					

Appendix F

Photographic Log

Limited Asbestos and Lead Inspection Report Photographs
VA Black Hills Health Care System, 113 Comanche Rd., Fort Meade, SD, 57741

AET Project No.: P-0011150



Photo 1 – Entrance to the facility looking south.

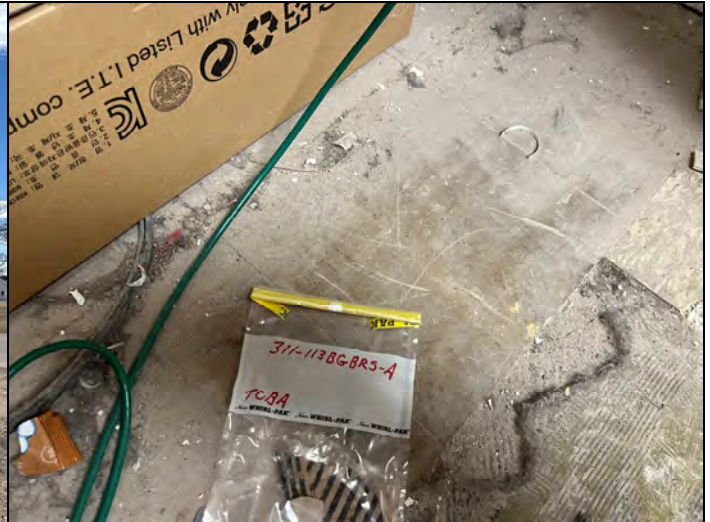


Photo 2 – Sample 311-113BGBRS-A, asbestos containing 9" beige with brown streaks floor tile in building 113, room TC8A. Only tile contains.



Photo 3 – Samples 222-113HW-A, B, C, asbestos containing 0-4" hard white pipe fittings in building 113 room 192A.



Photo 4 – Samples 222-145HW-A, B, C, asbestos containing 0-4" hard white pipe fittings in building 145 room 122B.



Photo 5 – Sample 310-145TGS-A, asbestos containing (ACM) 12" tan with gray streaks floor tile in building 145, room 132. Only mastic contains.



Photo 6 – Sample 310-145CBS-A, asbestos containing 12" cream with brown streaks floor tile in building 145, rooms TC1A and 137C. Only mastic contains.

Limited Asbestos and Lead Inspection Report Photographs
VA Black Hills Health Care System, 113 Comanche Rd., Fort Meade, SD, 57741

AET Project No.: P-0011150



Photo 7 – Sample 310-145GPBS-A, asbestos containing 12" gray with pink and black streaks floor tile and black mastic in building 145, room 137C. Both tile and mastic contain.



Photo 8 – Sample 312-145YB-A, asbestos containing yellow and black mastic in building 145, room 229A.



Photo 9 – Sample 310-145WRBS-A, ACM 12" white w/ red and black streaks floor tile in bldg. 145, rm. TC2A. Only mastic contains.



Photo 10 – Sample 310-88TBRS-A, ACM 12" tan w/ brown streaks floor tile in building 88, room 100A. Both the tile and mastic contain.



Photo 11 – Sample 309-148T-A, asbestos containing beige over black carpet mastic in building 148, room C106A.



Photo 12 – Sample 309-146T-A, asbestos containing tan carpet mastic in building 146, room 108.

Limited Asbestos and Lead Inspection Report Photographs
VA Black Hills Health Care System, 113 Comanche Rd., Fort Meade, SD, 57741

AET Project No.: P-0011150



Photo 13 – Sample 311-88BRPP-A, asbestos containing 9" brown w/ pink patches floor tile bldg. 88, room B102D. Tile and mastic contain.



Photo 14 – Sample 310-90WM-A, asbestos containing 12" white mottled floor tile in building 90, room 109. Only mastic contains.



Photo 15 – Sample 321-90GP-A, asbestos containing gray penetration caulking in building 90, room 109.



Photo 16 – Material 509-113BRF, presumed asbestos containing black raised floor adhesive in building 113, room 192A.



Photo 17 – Sample 305-148WC-A, less than 1% asbestos containing sheetrock and taping compound walls and ceilings in building 148 room FTC1.



Photo 18 – Samples 107-90BPY-A, B, C, less than 1% asbestos containing bumpy textured walls in building 90 room 109.

Limited Asbestos and Lead Inspection Report Photographs
VA Black Hills Health Care System, 113 Comanche Rd., Fort Meade, SD, 57741

AET Project No.: P-0011150

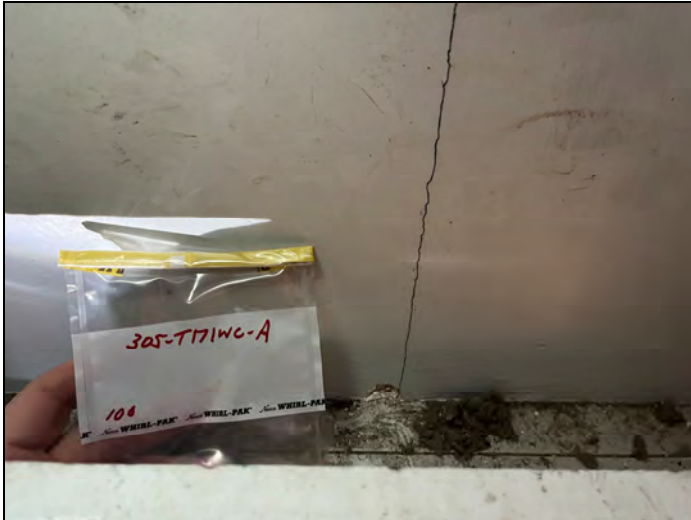


Photo 19 – Sample 305-T171WC-A, less than 1% asbestos containing sheetrock and taping compound walls and ceilings in building T171 room 100.

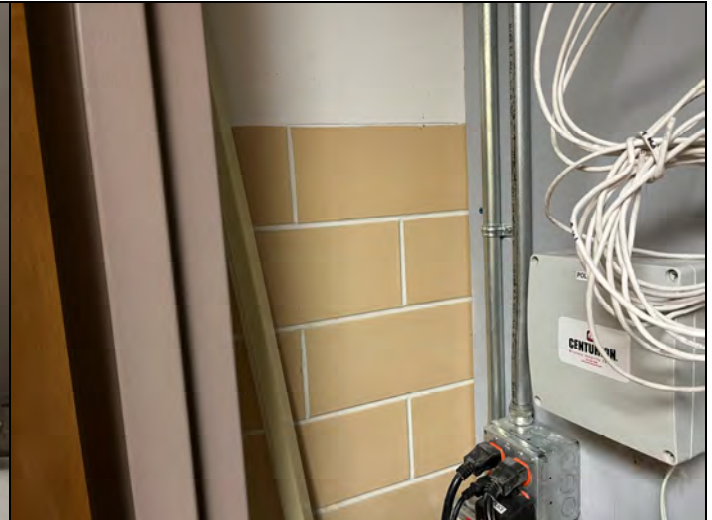


Photo 20 – Test 18, lead containing tan terra cotta block walls in building 145 room TC2A.



Photo 21 – Test 25, lead containing tan terra cotta block walls in building 145 room TC3A.



Photo 22 – Test 75, lead containing tan wood door and frame in building T171 room 101B.



Photo 23 – Test 80, lead containing white wood window in building 46 room B101.

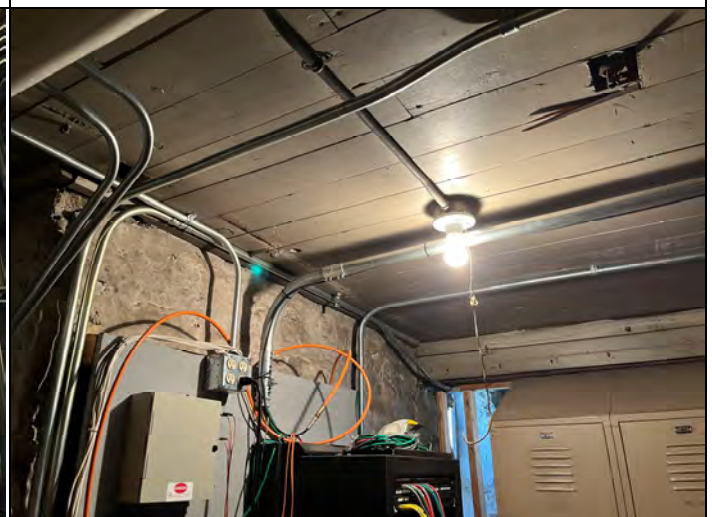


Photo 24 – Test 96, lead containing gray wood ceiling in building 50 room B101.

Limited Asbestos and Lead Inspection Report Photographs
VA Black Hills Health Care System, 113 Comanche Rd., Fort Meade, SD, 57741

AET Project No.: P-0011150



Photo 25 – Test 105, lead containing white window/frame in building 53 room B108.



Photo 26 – Test 117, lead containing white metal window frame on building T296 room exterior.

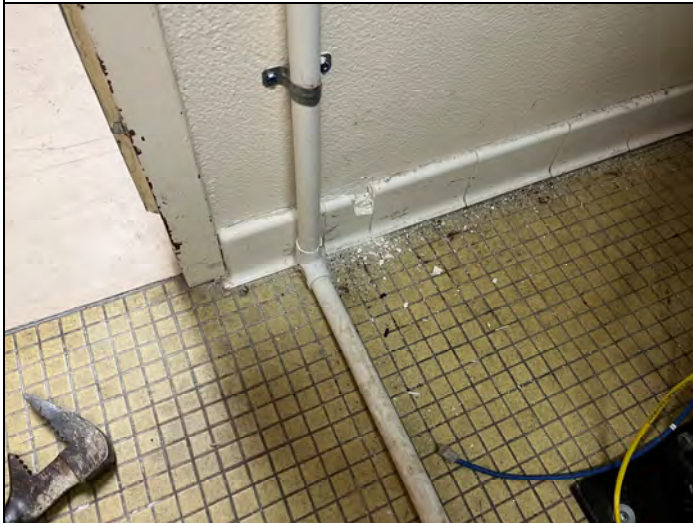


Photo 27 – Test 133, lead containing 6" white ceramic base cove in building 148 room ATC2.

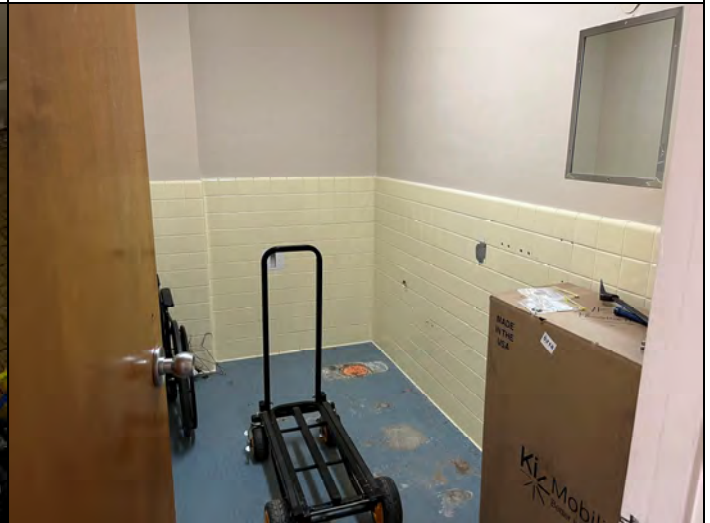


Photo 28 – Test 221, lead containing 4" light yellow ceramic wall tile in building 113 room 169A.

Appendix G

Laboratory Credentials

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 200844-0

Eurofins EMLab P&K

Marlton, NJ

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

Asbestos Fiber Analysis

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

2021-10-01 through 2022-09-30

Effective Dates



A handwritten signature in blue ink, which appears to read 'Dana S. Laman', is written over a horizontal line.

For the National Voluntary Laboratory Accreditation Program

National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Eurofins EMLab P&K
3000 Lincoln Drive East, Suite A
Marlton, NJ 08053
Ms. Claudia Palermo
Phone: 856-334-1001
Email: claudia.palermo@eurofinset.com
<http://www.emlab.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 200844-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

A handwritten signature in blue ink, which appears to read 'Dana S. Laman', is positioned above a horizontal line.

For the National Voluntary Laboratory Accreditation Program

Niton XLp 300, 9/24/2004, ed. 1

Performance Characteristic Sheet

EFFECTIVE DATE: September 24, 2004**EDITION NO.:** 1**MANUFACTURER AND MODEL:**Make: *Niton LLC*Tested Model: *XLp 300*Source: ^{109}Cd

Note: This PCS is also applicable to the equivalent model variations indicated below, for the Lead-in-Paint K+L variable reading time mode, in the XLi and XLp series:

XLi 300A, XLi 301A, XLi 302A and XLi 303A.

XLp 300A, XLp 301A, XLp 302A and XLp 303A.

XLi 700A, XLi 701A, XLi 702A and XLi 703A.

XLp 700A, XLp 701A, XLp 702A, and XLp 703A.

Note: The XLi and XLp versions refer to the shape of the handle part of the instrument. The differences in the model numbers reflect other modes available, in addition to Lead-in-Paint modes. The manufacturer states that specifications for these instruments are identical for the source, detector, and detector electronics relative to the Lead-in-Paint mode.

FIELD OPERATION GUIDANCE

OPERATING PARAMETERS:

Lead-in-Paint K+L variable reading time mode.

XRF CALIBRATION CHECK LIMITS:0.8 to 1.2 mg/cm² (inclusive)

The calibration of the XRF instrument should be checked using the paint film nearest 1.0 mg/cm² in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm² film).

If readings are outside the acceptable calibration check range, follow the manufacturer's instructions to bring the instruments into control before XRF testing proceeds.

SUBSTRATE CORRECTION:

For XRF results using Lead-in-Paint K+L variable reading time mode, substrate correction is not needed for:

Brick, Concrete, Drywall, Metal, Plaster, and Wood

INCONCLUSIVE RANGE OR THRESHOLD:

K+L MODE READING DESCRIPTION	SUBSTRATE	THRESHOLD (mg/cm ²)
Results not corrected for substrate bias on any substrate	Brick	1.0
	Concrete	1.0
	Drywall	1.0
	Metal	1.0
	Plaster	1.0
	Wood	1.0

Niton XLp 300, 9/24/2004, ed. 1

BACKGROUND INFORMATION

EVALUATION DATA SOURCE AND DATE:

This sheet is supplemental information to be used in conjunction with Chapter 7 of the HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* ("HUD Guidelines"). Performance parameters shown on this sheet are calculated from the EPA/HUD evaluation using archived building components. Testing was conducted in August 2004 on 133 testing combinations. The instruments that were used to perform the testing had new sources; one instrument's was installed in November 2003 with 40 mCi initial strength, and the other's was installed June 2004 with 40 mCi initial strength.

OPERATING PARAMETERS:

Performance parameters shown in this sheet are applicable only when properly operating the instrument using the manufacturer's instructions and procedures described in Chapter 7 of the HUD Guidelines.

SUBSTRATE CORRECTION VALUE COMPUTATION:

Substrate correction is not needed for brick, concrete, drywall, metal, plaster or wood when using Lead-in-Paint K+L variable reading time mode, the normal operating mode for these instruments. If substrate correction is desired, refer to Chapter 7 of the HUD Guidelines for guidance on correcting XRF results for substrate bias.

EVALUATING THE QUALITY OF XRF TESTING:

Randomly select ten testing combinations for retesting from each house or from two randomly selected units in multifamily housing. Use the K+L variable time mode readings.

Conduct XRF retesting at the ten testing combinations selected for retesting.

Determine if the XRF testing in the units or house passed or failed the test by applying the steps below.

Compute the Retest Tolerance Limit by the following steps:

Determine XRF results for the original and retest XRF readings. Do not correct the original or retest results for substrate bias. In single-family housing a result is defined as the average of three readings. In multifamily housing, a result is a single reading. Therefore, there will be ten original and ten retest XRF results for each house or for the two selected units.

Calculate the average of the original XRF result and retest XRF result for each testing combination.

Square the average for each testing combination.

Add the ten squared averages together. Call this quantity C.

Multiply the number C by 0.0072. Call this quantity D.

Add the number 0.032 to D. Call this quantity E.

Take the square root of E. Call this quantity F.

Multiply F by 1.645. The result is the Retest Tolerance Limit.

Compute the average of all ten original XRF results.

Compute the average of all ten re-test XRF results.

Find the absolute difference of the two averages.

Niton XLp 300, 9/24/2004, ed. 1

If the difference is less than the Retest Tolerance Limit, the inspection has passed the retest. If the difference of the overall averages equals or exceeds the Retest Tolerance Limit, this procedure should be repeated with ten new testing combinations. If the difference of the overall averages is equal to or greater than the Retest Tolerance Limit a second time, then the inspection should be considered deficient.

Use of this procedure is estimated to produce a spurious result approximately 1% of the time. That is, results of this procedure will call for further examination when no examination is warranted in approximately 1 out of 100 dwelling units tested.

TESTING TIMES:

For the Lead-in-Paint K+L variable reading time mode, the instrument continues to read until it is moved away from the testing surface, terminated by the user, or the instrument software indicates the reading is complete. The following table provides testing time information for this testing mode. The times have been adjusted for source decay, normalized to the initial source strengths as noted above. Source strength and type of substrate will affect actual testing times. At the time of testing, the instruments had source strengths of 26.6 and 36.6 mCi.

Testing Times Using K+L Reading Mode (Seconds)						
	All Data			Median for laboratory-measured lead levels (mg/cm ²)		
Substrate	25 th Percentile	Median	75 th Percentile	Pb < 0.25	0.25 ≤ Pb < 1.0	1.0 ≤ Pb
Wood Drywall	4	11	19	11	15	11
Metal	4	12	18	9	12	14
Brick Concrete Plaster	8	16	22	15	18	16

CLASSIFICATION RESULTS:

XRF results are classified as positive if they are greater than or equal to the threshold, and negative if they are less than the threshold.

DOCUMENTATION:

A document titled *Methodology for XRF Performance Characteristic Sheets* provides an explanation of the statistical methodology used to construct the data in the sheets, and provides empirical results from using the recommended inconclusive ranges or thresholds for specific XRF instruments. For a copy of this document call the National Lead Information Center Clearinghouse at 1-800-424-LEAD.

This XRF Performance Characteristic Sheet was developed by the Midwest Research Institute (MRI) and QuanTech, Inc., under a contract between MRI and the XRF manufacturer. HUD has determined that the information provided here is acceptable when used as guidance in conjunction with Chapter 7, Lead-Based Paint Inspection, of HUD's *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*.

Appendix H

AET Certifications

Appendix H

	South Dakota	
	Department of Agriculture & Natural Resources	
ASBESTOS CERTIFICATION		
Bruce Boehm Carlson		
has successfully completed the appropriate training in accordance with ARSD 74:31 and is certified in South Dakota as an:		
☒ Inspector	Expires: 01/03/2023	
☒ Management Planner	Expires: 01/03/2023	
☐ Abatement Designer	Expires:	
☐ Contractor/Supervisor	Expires:	
☐ Worker	Expires:	
Certificate No. 9061		

Certificate No: 5LM02282206PbRAR

Issue Date: March 1, 2022

This is to certify that

Bruce A. Boehm Carlson

5720 DuPont Avenue S, Minneapolis, Minn. 55419

for successfully completing and passing the examination for the

LEAD (Pb) RISK ASSESSOR

REFRESHER TRAINING COURSE

This training course is Approved by the State of Minnesota

under Minnesota Rules, parts 4761.2000 to 4761.2700

and meets the requirements of 40 CFR 745.225,

and Title X of the Toxic Substances Control Act (TSCA)

conducted by

Lake States Environmental, Ltd.

by

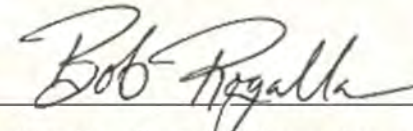
Remote Attendance on February 28, 2022

Examination Date: February 28, 2022

Lake States Environmental, Ltd.

P. O. Box 645, Rice Lake, WI 54868

(800) 254-9811



Bob Rogalla – Training Course Manager