

SECTION 00 90 10 ADDENDUM NO. 1

Project: Gallman Place Roof Renovation
Newberry, SC 29108
23234 – A

Date: 01 April 2026

To: All Bid Document Holders

This Addendum forms a part of the contract documents and modifies the bidding documents with amendments and additions noted below.

Acknowledge receipt of this addendum in the space provided in the bid form. Failure to do so may render the bid unresponsive.

Manufacturers and products indicated as an “approved substitution” shall be accepted as equal for the manufacturers given in the contract documents. It is understood that the products submitted for these manufacturers must still meet the specifications of the project, and can be rejected if after review, are determined to be not equal to the product called out in the contract documents.

GENERAL

- The sign-in sheet from the Mandatory Pre-Bid Meeting is attached.
- The Hazardous Materials Assessment Report is attached.
- A Third-Party Company will be performing roof core samples to determine the existing roof deck material and the results will be sent to all bidders as soon as received. The drawings will be revised if it is determined the TPO membrane needs to be adhered or if the tapered insulation needs to be adjusted. The revised drawings will be sent as an addendum to all bidders.
- Question 1 Received: “Can we use other TPO manufacturers besides Johns Manville?”
 - *Response: Yes, equal manufacturers and systems will be accepted, although Johns Manville is the basis of design. Please refer to Project Manual Product Requirements Section 01 60 00. 3.01 – Substitution Procedures for more information on substitution requests.*

ATTACHMENTS:

- Mandatory Pre-Bid Meeting Sign In Form_2026.04.01
- Hazardous Materials Assessment Report

DP3 Architects, Ltd.
15 South Main Street
Suite 400
Greenville, SC 29601
864.232.8200

www.DP3architects.com

END OF SECTION

PRINT ALL INFORMATION



Mandatory Pre-Bid Sign-In Sheet		Wednesday, April 1st – 10:00 AM
Project: Gallman Place Roof Replacement DP3 Project Number: 23234 – A Bid Date: 1 April 2026 Time: 10:00AM Location: Gallman Place 540 Brantley Street Newberry, SC 29108 Phone: 803.321.2100	<p>NOTE:</p> <p>Print all information clearly. DP3 Architects is not responsible for any information that is not legible. This Pre-Bid Sign-In Sheet will be included in Addendum Number One for the convenience of the bidders.</p>	

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Name of Individual	Firm Name	Firm Address	Firm Phone	E-Mail
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Hazardous Materials Assessment Report
Gallman School
540 Brantley Street
Newberry, South Carolina
S&ME Project No. 22610550R.1

PREPARED FOR:

Moseley Architects
44 Markfield Drive
Charleston, SC 29407

ASSESSMENT PERFORMED BY:

Travis Knight, CHMM, CIEC & Bobby McAllister
SCDHEC Lic. #BI-00885 & BI-01429
Assessment date: November 15, 2020

PREPARED BY:

S&ME, Inc.
134 Suber Road
Columbia, SC 29210

January 9, 2022



January 9, 2023

Moseley Architects
44 Markfield Drive
Charleston, South Carolina 29407

Attention: Mr. Benjamin S. Whitener, AIA
bwhitener@moseleyarchitects.com

Reference: **Hazardous Materials Assessment Report
Gallman School**
540 Brantley Street
Newberry, South Carolina
S&ME Project No. 22610550R.1

Dear Mr. Whitener:

S&ME, Inc. (S&ME) is pleased to provide the enclosed report detailing the hazardous materials assessment of Gallman School located at 540 Brantley Street in Newberry, South Carolina. The assessment was performed in general accordance with S&ME Proposal 22610550, dated October 17, 2022. The enclosed report includes the executive summary, project background, assessment procedures, findings and results, and conclusions and recommendations for the proper treatment of the identified hazardous materials as related to the planned building renovation activities.

This report is provided for the sole use of the client. Use of this report by any other parties will be at such party's sole risk and S&ME, Inc. disclaims liability for any such use or reliance by third parties. The results presented in this report are indicative of conditions only during the time of the assessment and of the specific areas referenced. The information provided in this assessment report should not be used as a bidding document, and field conditions should be verified by contractors bidding on asbestos or hazardous materials abatement/removal.

We appreciate the opportunity to provide you with our industrial hygiene/environmental services. If you have any questions concerning this report, please call us at (803) 561-9024.

Sincerely,

S&ME, Inc.

Handwritten signature of Bobby McAllister in black ink.

Bobby McAllister
Environmental Staff Professional

Handwritten signature of Tom Behnke in black ink.

Tom Behnke, PG, CHMM
Environmental Services Manager



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Appendices

- Appendix I – Summary of Asbestos Sampling
- Appendix II – ACM Location Exhibits & Site Photographs
- Appendix III – Copy of Inspectors’ SCDHEC Licenses
- Appendix IV – Laboratory Analysis Sheets and Chain of Custody Records
- Appendix V – Summary of XRF Lead Analyzer Readings



Executive Summary

A hazardous materials assessment was conducted by S&ME, Inc. (S&ME) on November 15, 2022 of Gallman School located at 540 Brantley Street in Newberry, South Carolina. The purpose of the assessment was to identify asbestos-containing materials (ACMs), lead-based paint coatings, and to perform a visual screening for potential sources of polychlorinated biphenyls (PCBs), and mercury to support future renovation activities.

Gallman School is a single-story building with a two-story section on the southeast end and a gym with a basement area; built on crawlspace with brick veneer exterior and a flat built-up roof system. The building encompasses approximately 39,200 square feet of space. The building contains classrooms, gymnasium, cafeteria, and administrative areas. The ceilings are finished with acoustical ceiling tiles, and the floors are finished with a combination of vinyl floor tiles, linoleum, ceramic tiles, and carpeting. Interior walls consisted of concrete masonry unit (CMU) and drywall.

This summary is for convenience only and should not be relied upon without first reading the full contents of this report, including appended materials.

Asbestos Assessment

The asbestos assessment was performed in general accordance with the South Carolina Department of Health and Environmental Control (SCDHEC) Regulation 61-86.1, *Standards of Performance for Asbestos Projects* effective May 27, 2011.

The suspect ACMs sampled and analyzed as part of this assessment included drywall and associated joint compound, plaster, three styles of ceiling tiles, four styles of vinyl floor tile and mastic, three styles of linoleum, spray-applied fire proofing, baseboard mastic, window glazing, thermal system insulation (TSI), hard joint insulation, built-up roofing, black sealant and silver sealant. The Environmental Protection Agency (EPA) and the SCDHEC define materials as asbestos-containing if an asbestos content greater than one percent (> 1%) is detected in a representative sample. The identified ACMs are summarized in the table on the following page.

Table E-1 Summary of Confirmed ACMs

Material	HA	Material Location	Asbestos Type and Percent	Condition	*Approx. Quantity
12-inch dark tan vinyl floor tile and black mastic	FT2	Throughout except gym and kitchen	Chrysotile 3% Chrysotile 4%	Good	30,000 SF
9-inch brown vinyl floor tile and mastic	FT3	Throughout beneath 12-inch vinyl tile in hallways, classrooms, linoleum and carpet	Chrysotile 5% Chrysotile 6%	Good	30,000 SF
Thermal system insulation	TSI	Beneath gym office and shop area	Amosite 15% Chrysotile 3%	Good	200 LF
Hard joint insulation	HJ	Beneath gym office and shop area	Chrysotile 65%	Good	15 HJ



Material	HA	Material Location	Asbestos Type and Percent	Condition	*Approx. Quantity
Window glazing	WG	Exterior windows	Chrysotile 2%	Good	3,500 LF

*The quantities are estimated and should be field verified by contractors bidding on asbestos removal.

Abbreviations:

HA = homogeneous area SF = square feet NF = non-friable F = friable LF = linear feet EA = Each

Silver sealant on roof parapet wall and penetration areas reported less than one percent asbestos. A material with an asbestos content less than one percent is not classified as an ACM applicable to EPA and SCDHEC, however trace levels of asbestos (less than one percent) in a material is subject to Occupational Safety and Health Administration (OSHA) regulatory requirements, to include, but not limited to, worker protection, using wet methods, proper clean-up, use of proper tools/equipment, engineering controls, etc.

Lead-Based Paint Assessment

Painted surfaces throughout the interior and exterior of the structure were considered suspect and analyzed for lead content. Multiple painted surfaces associated with the structure exhibited detectable levels of lead and the disturbance of these materials is regulated by OSHA regulation 29 CFR 1926.62 (Lead in Construction). The coated surfaces exceeding the SCDHEC disposal criteria of 0.7 milligrams per square centimeter (mg/cm²) were considered lead-based paint for the purpose of this assessment. The following is a general summary of the identified lead-based paint systems:

- Yellow glazed ceramic wall men’s restroom (7.70 mg/cm²).
- Black and green ceramic wall in women’s restroom (5.40-19.90 mg/cm²).

Polychlorinated Biphenyl Screening

Representative light ballasts were inspected for labeling regarding PCB content from readily accessible light fixtures. Approximately 197 light ballasts are estimated to be present in the subject building. Based on our field observations, several types of ballasts were observed. There were approximately 51 light ballasts not labeled regarding PCB content. Due to the age of the building and the unknown installation date, these unlabeled ballasts are presumed to contain PCBs. The unlabeled light ballasts presumed to contain PCBs were associated with 8 foot hanging fixtures with metal grates located in classrooms (18), teacher work room (2), gym hall (3), near gym (1), gym entrance (1) and lower-level (25). The remaining types of ballasts observed were labeled as “Electromagnetic” or displayed “No PCBs.” Labels designating “No PCBs” were not required after 1998. If other ballasts are encountered during the renovation process that are not labeled, and not installed post-1998, they should be presumed to contain PCBs.



Mercury Screening

Fluorescent lamps inherently contain low levels of mercury regardless of classification. Approximately 154 (4' length) fluorescent bulbs and 170 (8' length) fluorescent lamps were observed in the building. Approximately 28 CFL bulbs were observed. Three mercury vapor bulbs were observed on the exterior of the building.

Two thermostats were observed in the cafeteria. No additional sources of mercury were noted during the assessment.



1.0 Background

A hazardous materials assessment was conducted by S&ME, Inc. (S&ME) on November 15, 2022 of Gallman School located at 540 Brantley Street in Newberry, South Carolina. The purpose of the assessment was to identify asbestos-containing materials (ACMs), lead-based paint coatings, and to perform a visual screening for potential sources of polychlorinated biphenyls (PCBs), and mercury to support future renovation activities.

Gallman School is a single-story building with a two-story section on the southeast end and a gym with a basement area; built on crawlspace with brick veneer exterior and a flat built-up roof system. The building encompasses approximately 39,200 square feet of space. The building contains classrooms, gymnasium, cafeteria, and administrative areas. The ceilings are finished with acoustical ceiling tiles, and the floors are finished with a combination of vinyl floor tiles, linoleum, ceramic tiles, and carpeting. Interior walls consisted of concrete masonry unit (CMU) and drywall.

1.1 Asbestos Assessment

The asbestos assessment was performed by observing and collecting random samples of suspect asbestos-containing materials associated with the interior and exterior of the subject building. The identification of ACMs will aid in the prevention of occupational exposures and/or environmental releases of airborne asbestos. Identification of ACMs also complies with Title 40 Code of the Federal Regulations, part 61, and State regulation 61-86.1 enforced by the South Carolina Department of Health and Environmental Control (SCDHEC), along with Title 29 Code of Federal Regulations, part 1926 enforced by the Occupational Safety and Health Administration (OSHA). The following sections describe the assessment procedures used, results of the suspect ACMs sampled and analyzed, and conclusions and recommendations related to ACMs.

1.2 Lead-based Paint Assessment

The purpose of the testing was to assess and identify lead-based paint coatings associated with the subject building. The identification of these materials will aid in the compliance of occupational exposure and/or environmental releases of airborne lead dust in accordance with OSHA 29 CFR 1926.62 (Lead in Construction) and provide information to determine proper disposal of lead-based paint coated components and debris in accordance with the SCDHEC and Environmental Protection Agency (EPA).

1.3 Polychlorinated Biphenyl Screening

The polychlorinated biphenyl (PCB) screening was conducted by visually inspecting labeling associated with suspect PCB-containing equipment to include lighting ballasts and transformers associated with the subject buildings. PCBs are regulated by the EPA under 40 CFR 761, the Toxic Substance Control Act (TSCA). The identification of these materials will determine proper handling and disposal of identified PCB-containing sources. The manufacture of this known carcinogen was banned in 1976. Sampling and testing of suspect PCB-containing equipment was not performed as part of this screening.



1.4 Mercury Screening

The mercury screening was conducted by visually inspecting thermostats and fluorescent lamps associated with the subject building. Mercury is designated as a Universal Waste by the EPA under 40 CFR 273, the Resource Conservation and Recovery Act (RCRA). The state of South Carolina has no formal mercury program and has adopted the EPA regulations for proper handling and disposal of mercury-containing sources. The identification of these materials will aid in the prevention of occupational exposures and/or environmental releases of mercury and provide information to facilitate proper disposal of mercury-containing sources in accordance with SCDHEC and EPA Universal Waste requirements. Sampling and testing of mercury sources was not performed as part of this screening.

2.0 Asbestos Assessment

2.1 Assessment Procedures

The asbestos assessment was performed by observing and collecting random samples of suspect asbestos-containing materials associated with the interior and exterior of the subject building. Significant destructive testing was not performed, therefore the possibility exists that suspect materials were undetected in inaccessible areas such as inside pipe chases, wall voids, or flooring overlays. If additional suspect materials are discovered during the planned destructive activities, bulk samples must be collected by a SCDHEC licensed inspector and analyzed for asbestos content.

A sampling strategy was developed to provide representative samples of the suspect asbestos-containing materials in accordance with OSHA, SCDHEC and EPA. Bulk samples were then extracted from suspect ACMs, recorded on a chain of custody record, and submitted to S&ME's in house polarized light microscopy (PLM) lab in Charlotte, North Carolina for analysis. Non-friable, organically bound (NOB) samples that tested negative via PLM were also submitted to EMSL Analytical's asbestos laboratory in Pineville, North Carolina for analysis via transmission electron microscopy (TEM).

Polarized Light Microscopy (PLM)

The suspect materials were analyzed by trained microscopists using PLM techniques coupled with dispersion staining in accordance with EPA Test Method Title 40 Code of Federal Regulations, Chapter I (1-1-87 edition), Part 763, Subpart F-APPENDIX A. This method identifies asbestos mineral fibers based on six optical characteristics: morphology, birefringence, refractive index, extinction angle, sign of elongation and dispersion staining colors. The laboratory analysis reports the specific type of asbestos identified (there are six asbestos minerals) and the percentage of asbestos present.

Transmission Electron Microscopy (TEM)

In accordance with SCDHEC Regulation 61-86.1, Transmission Electron Microscopy (TEM) confirmation analysis is required to be performed on one sample of any non-friable, organically bound material (NOB) that tests negative via PLM analysis. The TEM analysis was performed using EPA 600 Method in accordance with ASTM E2356.



The TEM confirmation analysis was performed by EMSL’s laboratory in Charlotte, North Carolina. Both the PLM and the TEM laboratories are accredited by the National Voluntary Laboratory Accreditation Program (NVLAP), which is administered by the National Institute of Standards and Technology.

2.2 Findings and Results

The asbestos assessment conducted on November 15, 2022 included the quantification and random bulk sampling of various suspect asbestos-containing materials located on the interior and exterior of the subject building. The suspect ACMs sampled and analyzed as part of this assessment included drywall and associated joint compound, plaster, three styles of ceiling tiles, four styles of vinyl floor tile and mastic, three styles of linoleum, spray-applied fire proofing, baseboard mastic, window glazing, thermal system insulation (TSI), hard joint insulation, built-up roofing, black sealant and silver sealant. The Environmental Protection Agency (EPA) and the SCDHEC define materials as asbestos-containing if an asbestos content greater than one percent (>1%) is detected in a representative sample. The identified ACMs are summarized in the table on the following page.

Table 2-1 Summary of Confirmed ACMs

Material	HA	Material Location	Asbestos Type and Percent	Condition	*Approx. Quantity
12-inch dark tan vinyl floor tile and black mastic	FT2	Throughout except gym and kitchen	Chrysotile 3% Chrysotile 4%	Good	30,000 SF
9-inch brown vinyl floor tile and mastic	FT3	Throughout beneath 12-inch vinyl tile in hallways, classrooms, linoleum and carpet	Chrysotile 5% Chrysotile 6%	Good	30,000 SF
Thermal system insulation	TSI	Beneath gym office and shop area	Amosite 15% Chrysotile 3%	Good	200 LF
Hard joint insulation	HJ	Beneath gym office and shop area	Chrysotile 65%	Good	15 HJ
Window glazing	WG	Exterior windows	Chrysotile 2%	Good	3,500 LF

*The quantities are estimated and should be field verified by contractors bidding on asbestos removal.

Abbreviations:

HA = homogeneous area SF = square feet NF = non-friable

Silver sealant on roof parapet wall and penetration areas reported less than one percent asbestos. A material with an asbestos content less than one percent is not classified as an ACM applicable to EPA and SCDHEC, however trace levels of asbestos (less than one percent) in a material is subject to Occupational Safety and Health Administration (OSHA) regulatory requirements, to include, but not limited to, worker protection, using wet methods, proper clean-up, use of proper tools/equipment, engineering controls, etc.

Hazardous Materials Assessment Report

Gallman School

Newberry, South Carolina

S&ME Project No. 22610550R.1



In accordance with SCDHEC Regulation 61-86.1, TEM analysis was performed on one sample of each of the non-friable, organically-bound (NOB) materials that displayed a result of no asbestos detected or less than 1% asbestos via PLM analysis. NOBs consist of materials such as vinyl floor tiles, vinyl baseboards and mastics and roofing materials. Please refer to Table I-I in Appendix I for more detail regarding which samples of NOB materials submitted for TEM analysis.

The EPA classifies ACMs into two categories; friable and non-friable. A friable material creates a greater health hazard due to the fact that it may be "crumbled, pulverized or reduced to powder by the forces expected to act upon it in the course of demolition or renovation operations." The identified asbestos-containing flooring materials are classified as Category I non-friable ACMs, in good condition, with a significant potential for disturbance due to the planned demolition activities. The identified asbestos-containing window glazing is classified as a friable ACM, in good condition, with a significant potential for disturbance due to the planned renovation or demolition activities. The remaining bulk samples collected and analyzed did not exhibit an asbestos content >1%.

A summary of asbestos results is provided in **Table I** of **Appendix I**, and provides the sample number, location, type of material tested, approximate quantity of the material sampled, condition of the material, and corresponding result for each sample. Figure 1 and site photographs of the identified ACM are provided in **Appendix II**, and a copy of the inspector's SCDHEC license is provided in **Appendix III**. Copies of the laboratory analyses and chain-of-custody records are provided in **Appendix IV**.

3.0 Lead-Based Paint Assessment

3.1 Investigative Procedures

The lead-based paint assessment was conducted for compliance with the SCDHEC limit of 0.7 milligrams (mg) of lead per square centimeter (cm²) of painted surface for lead-based paint coated waste. SCDHEC, Health Division defines lead-based paint as a coating containing lead in quantities ≥ 0.7 mg/cm² (SCDHEC, Health Division definition #4-53-1320f). Any coated surfaces or materials meeting or exceeding the SCDHEC limit of 0.7 mg/cm² were considered lead-based for the purpose of this assessment.

Lead-based paint testing was performed on representative interior and exterior painted components and products associated with the subject buildings. The components were analyzed with a Thermo Fisher Scientific XLP-300A XRF spectrum analyzer (serial #95004). The suspect painted finishes and products were selected based on the color of the topcoat and the underlying paint layers and/or the substrate on which it was applied. The possibility exists that lead-based paint finishes are present in those inaccessible areas such as pipe chases, wall voids, etc. SCDHEC defines a lead-based paint as any paint containing lead at concentrations equaling 0.7 mg/cm² or greater by XRF testing. For the purpose of the assessment, paint containing 0.7 mg/cm² or greater was considered lead-based paint due to the planned activities. Lead-based paint, as defined by SCDHEC, on building components, requires disposal in a Class II or Class III landfill.

OSHA does not recognize a threshold level of lead for definition purposes, only the presence or absence of lead. The current OSHA regulations recognize an airborne action level of thirty micrograms of lead per cubic meter of



air ($30 \mu\text{g}/\text{m}^3$) during an eight-hour day and a permissible exposure level of fifty micrograms per cubic meter ($50 \mu\text{g}/\text{m}^3$).

3.2 Findings and Results

Coated surfaces throughout the interior and exterior of the building were tested for the presence of lead-based paint. The coated surfaces meeting or exceeding the SCDHEC limit of $0.7 \text{ mg}/\text{cm}^2$ were considered lead-based paint for the purpose of this assessment.

The following summarizes the identified confirmed lead-based paint coatings:

- Yellow glazed ceramic wall men's restroom ($7.70 \text{ mg}/\text{cm}^2$).
- Black and green ceramic wall in women's restroom ($5.40\text{-}19.90 \text{ mg}/\text{cm}^2$).

Additionally, detectable levels of lead which are applicable to OSHA regulation 29 CFR 1926.62 (Lead in Construction) were identified in various painted components associated with the structure. The summary of the XRF readings is provided in **Appendix V**.

4.0 Polychlorinated Biphenyl Screening

4.1 Procedures

The PCB screening was performed by visually screening labels on electrical equipment and representative suspect PCB-containing light ballasts associated with fluorescent light fixtures. PCBs were banned in 1975 and those ballasts manufactured from 1978 to 1998 were required to be labelled as "No PCBs."

PCBs are regulated by the EPA found in 40 CFR 761, the Toxic Substance Control Act (TSCA). PCB-containing equipment cannot be disposed of in Solid Waste Landfills (SWLF) in the State of South Carolina according to R61-107.16. The EPA and SCDHEC require proper disposal of equipment containing PCBs per 40 CFR 761 subpart D of TSCA.

Approximately three different styles of fluorescent light fixtures were observed in each building. The PCB screening was performed by opening random light fixtures of various styles throughout the buildings and observing the ballast(s) in the fixtures for designated labeling.

4.2 Findings

Representative light ballasts were inspected for labeling regarding PCB content from readily accessible light fixtures. Approximately 197 light ballasts are estimated to be present in the subject building. Based on our field observations, several types of ballasts were observed. There were approximately 51 light ballasts not labeled regarding PCB content. Due to the age of the building and the unknown installation date, these unlabeled ballasts are presumed to contain PCBs. The unlabeled light ballasts presumed to contain PCBs were associated with 8 foot hanging fixtures with metal grates located in classrooms (18), teacher work room (2), gym hall (3), near gym (1), gym entrance (1) and lower-level (25). The remaining types of ballasts observed were labeled as



“Electromagnetic” or displayed “No PCBs.” Labels designating “No PCBs” were not required after 1998. If other ballasts are encountered during the renovation process that are not labeled, and not installed post-1998, they should be presumed to contain PCBs.

5.0 Mercury Screening

5.1 Procedures

The mercury screening was conducted to identify liquid mercury or mercury vapor containing sources associated with the building. The mercury screening was performed by identifying mercury vapor lamps and liquid mercury bulb thermostats. The identification of mercury sources will aid in the prevention of occupational exposures and/or environmental releases of mercury and provide information to facilitate proper disposal of mercury sources in accordance with the SCDHEC and the EPA Universal Waste requirements.

Mercury-containing equipment was added to the EPA list of universal waste that is regulated under 40 CFR 273 of the Resource Conservation and Recovery Act (RCRA). The state of South Carolina has no formal mercury program and has adopted the EPA Universal Waste Rule (UWR) regarding proper handling, shipping and disposal of mercury-containing sources.

5.2 Findings

Fluorescent lamps inherently contain low levels of mercury regardless of classification. Approximately 154 (4' length) fluorescent bulbs and 170 (8' length) fluorescent lamps were observed in the building. Approximately 28 CFL bulbs were observed. Three mercury vapor bulbs were observed on the exterior of the building.

Two thermostats were observed in the cafeteria. No additional sources of mercury were noted during the assessment.

6.0 Conclusions and Recommendations

The hazardous materials assessment conducted on November 15, 2022 of Gallman School located at 540 Brantley Street in Newberry, South Carolina identified the presence of Category I non-friable ACMs, Category II non-friable ACMs and friable ACMs, lead products applicable to SCDHEC and OSHA, mercury vapor sources were observed. This report should be provided to the contractor(s) to assist with compliance with applicable State and Federal regulations.

6.1 Asbestos

If additional suspect ACMs not included in this report are discovered and will be disturbed by renovation or demolition activities, bulk samples must be collected by a licensed asbestos inspector and analyzed for asbestos content, prior to disturbance of the suspect material(s). This report should be provided to the contractor(s) to assist with compliance with applicable State and Federal regulations.

Hazardous Materials Assessment Report

Gallman School

Newberry, South Carolina

S&ME Project No. 22610550R.1



S&ME recommends proper removal and disposal of the ACMs by a licensed asbestos abatement contractor, prior to activities that may disturb an ACM. State and Federal regulations should be carefully considered in order to verify compliance before any actions are initiated that may disturb an ACM. If additional suspect ACMs not included in this report are discovered and will be disturbed by the renovation/demolition activities, bulk samples must be collected by a licensed asbestos inspector and analyzed for asbestos content, prior to disturbance of the suspect material(s).

Asbestos removal requires written notification to SCDHEC, specific removal procedures, proper transportation, and disposal per state and federal regulations. The identification and proper removal of ACM prior to demolition or renovation will aid in the prevention of occupational exposures and/or environmental releases of airborne asbestos. In accordance with SCDHEC Regulation 61-86.1, project air monitoring must be performed by a SCDHEC licensed air sampler in conjunction with the removal of regulated asbestos materials (e.g. friable materials or non-friable materials rendered friable) that exceed the classification of a Small Project or are not regulated exterior removals. SCDHEC also requires a written project design when 3,000 square feet (or greater) of regulated are to be removed.

6.2 Lead-based Paint

The lead-based paint assessment conducted at 540 Brantley Street in Newberry, South Carolina identified the presence of lead-based coatings.

The following is a general summary of the identified lead-based paint systems and materials that were determined to contain lead:

The client is advised that OSHA does not recognize a threshold level of lead for definition purposes, only the presence or absence of lead. Consequently, the OSHA regulations governing worker protection for lead-based paint may apply to work practices including the disturbance of paint systems with detectable levels of lead. Destructive actions (sanding, burning, demolition, component removal, paint preparation) to the lead-containing paint surfaces will require the contractor comply with the standards of OSHA, including but not limited to initial exposure monitoring, the use of personal protective equipment, and medical surveillance.

SCDHEC Regulation 61-107.19 permits demolition materials painted with lead-based paint (≥ 0.7 mg/cm²) to be disposed in a permitted Class Two (C&D) or Class Three Subtitle D, Municipal Solid Waste (MSW) landfill.

Accumulations of paint waste (chips, dust, or flakes) must be tested by the Toxicity Characteristic Leaching Procedure (TCLP) to determine if the waste is classified as hazardous, which requires disposal in a Subtitle C (hazardous waste) landfill. Lead waste, at a minimum, must be disposed in a Class Two or Three landfill.

6.3 Polychlorinated Biphenyls

Ballasts that may be encountered during renovation that do not exhibit the "No PCBs" labeling that were installed prior to July 1, 1998, are required by the EPA and the SCDHEC to be disposed of in accordance with 40 CFR 761, Subpart D of the Toxic Substance Control Act (TSCA) or sampling to identify PCB levels.



6.4 Mercury

The fluorescent light tubes observed in the building's light fixtures inherently contain low levels of mercury and must be recycled or properly disposed as mercury sources. Mercury is designated as a Universal Waste by the EPA under 40 CFR 273, the Resource Conservation and Recovery Act (RCRA). The state of South Carolina has no formal mercury program and has adopted the EPA regulations for proper handling and disposal of mercury-containing sources. Should these materials be disturbed as a part of future renovation or demolition, S&ME recommends removal of the mercury-containing lamps prior to the planned activities, and recycling at a Universal Waste Destination Facility.

7.0 Limitations

This report is provided for the sole use of the Client. Use of this report by any other parties will be at such party's sole risk, and S&ME disclaims liability for any such use or reliance by third parties. The results presented in this report are indicative of conditions only during the time of the sampling period and of the specific areas referenced. Under no circumstances is this report to be used as a bidding document, or as a project design or specification.

S&ME performed the services in accordance with generally accepted practices of reputable environmental consultants undertaking similar studies at the same time and in the same geographical area. S&ME has endeavored to meet this standard of care. No other warranty, expressed or implied, is intended or made with respect to this report or S&ME's services. Users of this report should consider the scope and limitations related to these services when developing opinions as to risks associated with the site. Additional limitations to our survey are as follows:

- Significant destructive sampling was not performed during the asbestos assessment. Additional suspect ACMs may be present in inaccessible locations such as in wall voids, pipe chases or flooring overlays. Consequently, if additional suspect materials are discovered during future renovation or demolition activities, bulk samples must be collected and analyzed for asbestos content.
- Portions of the subject building are finished with carpet. Our assessment involved observations beneath the carpeting at random locations. The complete removal of the carpet would be necessary to account for any additional suspect ACMs that may be present.
- The building is finished with a suspended ceiling system. Our assessment involved observations above the suspended ceiling at random locations; however, the complete removal of the ceiling system and ceiling grid would be necessary to account for any additional suspect ACMs that might be present.
- Quantities and locations were estimated during the site observations. Quantities and locations should be field verified by contractors bidding on hazardous materials abatement/removal.

Appendices

Appendix I – Summary of Asbestos Sampling

Summary of Asbestos Sampling

Project Name:	Gallman School	Project Number:	22610550
Location:	540 Brantley Street Newberry, South Carolina	Sampling Date(s):	November 15, 2022

Table I-I Summary of Asbestos Sampling

HOMOGENEOUS AREA		SAMPLE DATA						Percent and Type Asbestos	
HA Area	Material Description	Material Location	Quantity	¹ Cat (F/II)	² Type	³ Condition / Potential for Disturbance	Sample Number	Sample Location	
FT1	12-inch white with brown vinyl floor tile and black mastic	Foyer	170 SF	NA	Misc.	NA/NA	FT-1 FT-2 ⁴ FT-3	Foyer Foyer Foyer	NAD NAD NAD
FT2	12-inch dark tan vinyl floor tile and black mastic	Throughout except gym and kitchen	30,000 SF	I	Misc.	Good/Low	FT-4 FT-5 FT-6	Hall Hall Hall	Tile – 3% Chrysotile Mastic – 4% Chrysotile Tile – 3% Chrysotile Mastic – 4% Chrysotile Sample Not Analyzed
CT1	12-inch spline ceiling tile	Various areas throughout	20,000 SF	NA	Misc.	NA/NA	CT-1 CT-2 CT-3	Hall Library Hall	NAD NAD NAD
CT2	2x4 ceiling tile	Various areas throughout	9,500 SF	NA	Misc.	NA/NA	CT-4 CT-5 CT-6	Foyer Foyer Foyer	NAD NAD NAD
FP	Spray-applied fire proofing	1 st floor southeast wing and lower-level classrooms	10,500 SF	NA	Surf.	NA/NA	FP-1 FP-2	1 st floor southeast wing 1 st floor southeast wing	NAD NAD

NAD = No Asbestos Detected NA = Not Applicable SF = Square feet LF = Linear feet CF = Cubic Feet
¹Category: F = Friable I = Category I, Non-Friable II = Category II, Non-Friable
²Type: Misc. = Miscellaneous Surf. = Surfacing TSI = Thermal System Insulation
³Condition: Good, Damaged or Significantly Damaged Accessible during renovation or demolition with Potential for Disturbance; Low or High
⁴Sample analyzed by TEM
 Quantities are approximate and should not be used for cost estimates or bidding purposes.

Summary of Asbestos Sampling

Project Name:	Gallman School	Project Number:	22610550
Location:	540 Brantley Street Newberry, South Carolina	Sampling Date(s):	November 15, 2022

HOMOGENEOUS AREA

HA Area	Material Description	Material Location	Quantity	¹ Cat (F/II)	² Type	³ Condition / Potential for Disturbance	Sample Number	Sample Location	Percent and Type Asbestos
LN1	Tan pebble linoleum	Cafeteria and restroom in classroom 10	1,500 SF	NA	Misc.	NA/NA	LN-1 LN-2 ⁴ LN-3	1 st floor southeast wing 1 st floor southeast wing 1 st floor southeast wing	NAD NAD NAD
LN2	Cream mottled linoleum	Office	100 SF	NA	Misc.	NA/NA	LN-4 LN-5 ⁴ LN-6	Office Office Office	NAD NAD NAD
FT3	9-inch brown vinyl floor tile and mastic	Throughout beneath vinyl tile in hallways, classrooms, linoleum and carpet	30,000 SF	I	Misc.	Good/Low	FT-7 FT-8 ⁴ FT-9	Hall beneath 12-inch vinyl tile Cafeteria beneath linoleum Office beneath carpet and tile	Title: 5% Chrysotile Mastic: 6% Chrysotile Title: 5% Chrysotile Mastic: 6% Chrysotile Sample Not Analyzed

SAMPLE DATA

NAD = No Asbestos Detected NA = Not Applicable SF = Square feet LF = Linear feet CF = Cubic Feet
¹Category: F = Friable I = Category I, Non-Friable II = Category II, Non-Friable
²Type: Misc. = Miscellaneous Surf. = Surfacing
³Condition: Good, Damaged or Significantly Damaged Accessible during renovation or demolition with Potential for Disturbance; Low or High
⁴Sample analyzed by TEM

Quantities are approximate and should not be used for cost estimates or bidding purposes.

Summary of Asbestos Sampling

Project Name:	Gallman School	Project Number:	22610550
Location:	540 Brantley Street Newberry, South Carolina		
		Sampling Date(s):	November 15, 2022

HOMOGENEOUS AREA

HA Area	Material Description	Material Location	Quantity	¹ Cat (F/II)	² Type	³ Condition / Potential for Disturbance	Sample Number	Sample Location	Percent and Type Asbestos
FT4	12-inch tan mottled vinyl floor tile and mastic	Office beneath carpet and hallway edge	350 SF	NA	Misc.	NA/NA	FT-10 FT-11 ⁴ FT-12	Office beneath carpet Hallway edge Hallway edge	NAD NAD NAD
JC1	Joint compound	Rooms 1 and 13	2,500 SF	NA	Surf.	NA/NA	JC-1 JC-2 JC-3 JC-4 JC-5	Room 13 Room 1 Room 1 Room 13 Room 13	NAD NAD NAD NAD NAD
DW1	Drywall	Rooms 1 and 13	2,500 SF	NA	Misc.	NA/NA	DW-1 DW-2 DW-3	Room 13 Room 1 Room 1	NAD NAD NAD
CT3	2x2 ceiling tile	Gym	7,200 SF	NA	Misc.	NA/NA	CT-7 CT-8 CT-9	Gym Gym Gym	NAD NAD NAD
BBM	Baseboard mastic	Throughout	4,600 LF	NA	Misc.	NA/NA	BBM-1 BBM-2 ⁴ BBM-3	Lower classroom Foyer Hall	NAD NAD NAD
PL	Plaster	Kitchen	3,500 SF	NA	Surf.	NA/NA	PL-1 PL-2 PL-3 PL-4 PL-5	Kitchen Kitchen Kitchen Kitchen Kitchen	NAD NAD NAD NAD NAD

SAMPLE DATA

NAD = No Asbestos Detected NA = Not Applicable SF = Square feet LF = Linear feet CF = Cubic Feet
¹Category: F = Friable I = Category I, Non-Friable II = Category II, Non-Friable
²Type: Misc. = Miscellaneous Surf. = Surfacing TSI = Thermal System Insulation
³Condition: Good, Damaged or Significantly Damaged Accessible during renovation or demolition with Potential for Disturbance; Low or High
⁴Sample analyzed by TEM
 Quantities are approximate and should not be used for cost estimates or bidding purposes.

Summary of Asbestos Sampling

Project Name:	Gallman School	Project Number:	22610550
Location:	540 Brantley Street Newberry, South Carolina	Sampling Date(s):	November 15, 2022

HOMOGENEOUS AREA

HA Area	Material Description	Material Location	Quantity	¹ Cat (F/II)	² Type	³ Condition / Potential for Disturbance	Sample Number	Sample Location	Percent and Type Asbestos
TSI	Thermal system insulation	Beneath gym office and shop area	200 LF	F	TSI	Good/Low	TSI-1	Beneath gym office	15% Amosite 3% Chrysotile
							TSI-2	Beneath gym office	15% Amosite 3% Chrysotile
							TSI-3	Beneath gym office	15% Amosite 3% Chrysotile
HJ	Hard joint insulation	Beneath gym office and shop area	15 HJ	F	TSI.	Good/Low	HJ-1	Beneath gym office	65% Chrysotile
							HJ-2	Beneath gym office	65% Chrysotile
							HJ-3	Beneath gym office	65% Chrysotile
WG	Window glazing	Exterior windows	3,500 SF	II	Misc.	Good/Low	WG-1	Gym restroom	2% Chrysotile
							WG-2	Northeast boys' restroom	2% Chrysotile
							WG-3	Custodian closet	Sample Not Analyzed
DW2	Drywall	Beneath gym partition wall	200 SF	NA	Misc.	NA/NA	DW-4	Beneath gym partition wall	NAD
							DW-5	Beneath gym partition wall	NAD
							DW-6	Beneath gym partition wall	NAD
JC2	Joint compound	Beneath gym partition wall	200 SF	NA	Surf.	NA/NA	JC-6	Beneath gym partition wall	NAD

SAMPLE DATA

NAD = No Asbestos Detected NA = Not Applicable SF = Square feet LF = Linear feet CF = Cubic Feet
¹Category: I = Category I, Non-Friable II = Category II, Non-Friable
²Type: Surf. = Surfacing TSI = Thermal System Insulation
³Condition: Good, Damaged or Significantly Damaged Accessible during renovation or demolition with Potential for Disturbance; Low or High
⁴Sample analyzed by TEM
 Quantities are approximate and should not be used for cost estimates or bidding purposes.

Summary of Asbestos Sampling

Project Name:	Gallman School	Project Number:	22610550
Location:	540 Brantley Street Newberry, South Carolina	Sampling Date(s):	November 15, 2022

HOMOGENEOUS AREA

HA Area	Material Description	Material Location	Quantity	¹ Cat (F/II)	² Type	³ Condition / Potential for Disturbance	Sample Number	Sample Location	Percent and Type Asbestos
LN3	Brown linoleum	Hall beneath gym	30 SF	NA	Misc.	NA/NA	JC-7 JC-8	Beneath gym partition wall Beneath gym partition wall	NAD NAD
RF	Built up roof	Roof	39,200 SF	NA	Misc.	NA/NA	LN-7 LN-8 ⁴ LN-9 RF-1 RF-2 ⁴ RF-3	Hall beneath gym Hall beneath gym Hall beneath gym Roof Roof Roof	NAD NAD NAD NAD NAD NAD
S1	Black sealant	Roof	5,000 SF	NA	Misc.	NA/NA	S-1 S-2 ⁴ S-3	Roof Roof Roof	NAD NAD NAD
S2	Silver sealant	Roof parapet wall and penetration	5,000 SF	NA	Misc.	NA/NA	S-4 S-5 ⁴ S-6	Parapet Parapet Penetration	<1% Chrysotile <1% Chrysotile NAD

SAMPLE DATA

NAD = No Asbestos Detected NA = Not Applicable SF = Square feet LF = Linear feet CF = Cubic Feet
¹Category: F = Friable I = Category I, Non-Friable II = Category II, Non-Friable
²Type: Misc. = Miscellaneous Surf. = Surfacing TSI = Thermal System Insulation
³Condition: Good, Damaged or Significantly Damaged Accessible during renovation or demolition with Potential for Disturbance; Low or High
⁴Sample analyzed by TEM

Abbreviations and Hazard Assessment Key

In accordance with the EPA and SCDHEC, a confirmed ACM is assigned a hazard assessment based on its present condition and potential for disturbance. The hazard assessment is used as a tool for prioritization in remedial actions regarding any identified ACM(s). The following key exhibits the criteria that compose the hazard assessment.

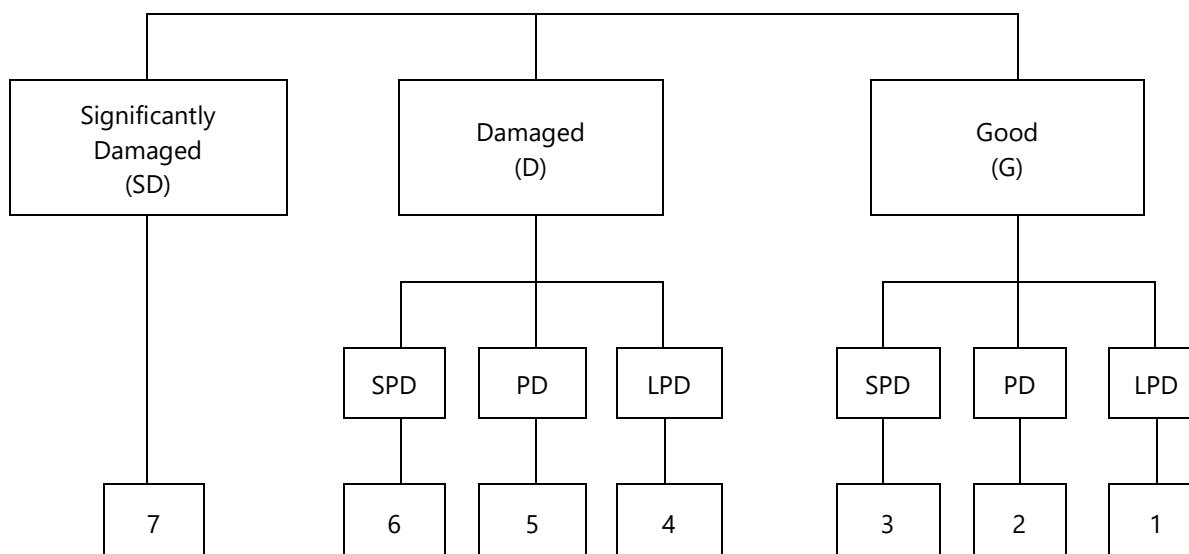
Present Condition

F = Friable G = Good (Very localized limited damage)
 NF = Non-friable D = Damaged (Damage of less than 10% distributed and less than 25% localized)
 SD = Significantly Damaged (Damage equal to or greater than 10% distributed, 25% localized)

Potential for Future Disturbance

LPD = Low Potential for Disturbance (Contact, Vibration, and Air Erosion all of Low Concern)
 PD = Potential for Disturbance (Contact, Vibration, or Air Erosion of Moderate Concern)
 SPD = Significant Potential for Disturbance (Contact, Vibration, or Air Erosion of High Concern)

Hazard Assessment



Appendix II – ACM Location Exhibits & Site Photographs





HAZARDOUS MATERIAL ASSESSMENT FIRST LEVEL

GALLMAN SCHOOL
540 BRANTLEY STREET
NEWBERRY, SOUTH CAROLINA

SCALE:	AS SHOWN
DATE:	1-05-2023
PROJECT NUMBER:	22130550
FIGURE NO.:	1

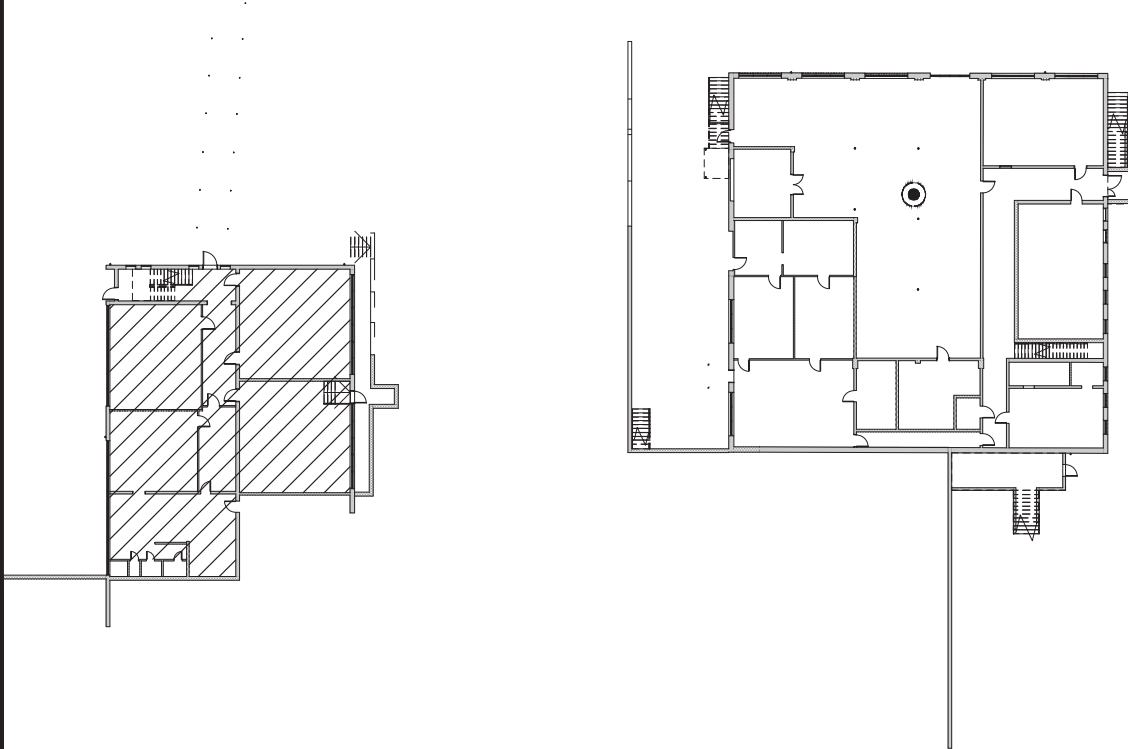


ASBESTOS CONTAINING MATERIALS

-  12" DARK TAN VCT AND BLACK WITH 9" BROWN VCT AND MASTIC BENEATH
-  TSI AND HARD JOINT INSULATION THROUGHOUT AREA BENEATH GYM

ASBESTOS CONTAINING MATERIALS NOT DEPICTED

- EXTERIOR WINDOW GLAZING



T:\Columba-1610\Projects\2022\22610550_Moseley_Architects_Gallman_School_Haz-Mat_Assessment_Newberry_SC\4 EN\CAD\2610550.dwg

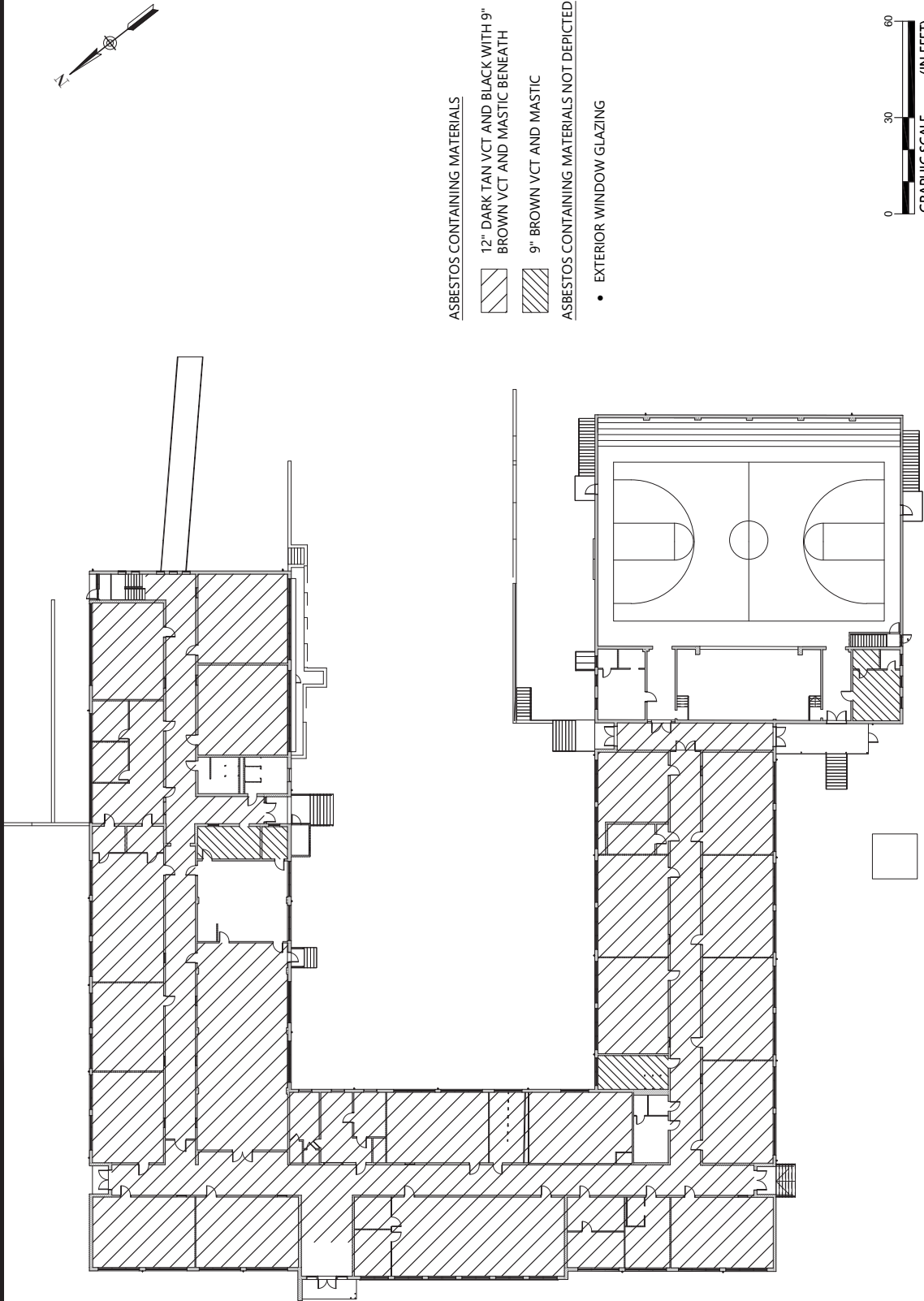




HAZARDOUS MATERIAL ASSESSMENT
SECOND LEVEL

GALLMAN SCHOOL
540 BRANTLEY STREET
NEWBERRY, SOUTH CAROLINA

SCALE:	AS SHOWN
DATE:	1-05-2023
PROJECT NUMBER:	22130550
FIGURE NO.:	

2



- ASBESTOS CONTAINING MATERIALS
-  12" DARK TAN VCT AND BLACK WITH 9" BROWN VCT AND MASTIC BENEATH
 -  9" BROWN VCT AND MASTIC
- ASBESTOS CONTAINING MATERIALS NOT DEPICTED
- EXTERIOR WINDOW GLAZING

T:\Columbia-1610\Projects\2022\22610550_Moseley_Architects_Gallman_School_Haz-Mat_Assessment_Newberry_SC\4 EN\CAD\22610550.dwg



1 Exterior view of the subject building.



3 12-inch dark tan vinyl floor tile and black mastic and 9-inch brown vinyl floor tile and mastic tested positive for asbestos (3% chrysotile).



2 Spray-applied fire proofing tested negative for asbestos via PLM analysis.



4 Window glazing tested positive for asbestos (2% chrysotile).



Site Photographs
Gallman School - 540 Brantley Street
Newberry, South Carolina

S&ME Project 22610550

Taken by: BM, TK

Date: November 15, 2022



5 TSI tested positive for asbestos (15% amosite and 3% chrysotile).



7 2x2 ceiling tile tested negative for asbestos via PLM analysis.



6 Hard joint tested positive for asbestos (65% chrysotile).



8 General view of boiler room.



Site Photographs
 Gallman School - 540 Brantley Street
 Newberry, South Carolina

S&ME Project 22610550
 Taken by: BM, TK
 Date: November 15, 2022



9 Yellow ceramic tile in men's restroom tested positive for lead-based paint (7.70 mg/cm²).



10 Green and black ceramic tile in men's restroom tested positive for lead based paint (5.40-19.90 mg/cm²).



11 Silver sealant on parapet walls tested (<1% chrysotile) PLM analysis and no asbestos detected by TEM.



12 General view of crawlspace.



Site Photographs
Gallman School - 540 Brantley Street
Newberry, South Carolina

S&ME Project 22610550

Taken by: BM, TK

Date: November 15, 2022



13 Mercury thermostat in the cafeteria.



15 Ballast presumed to contain PCBs.



14 Ballast labeled no PCBs.



16 Electromagnetic ballast no PCBs.



Site Photographs
 Gallman School - 540 Brantley Street
 Newberry, South Carolina

S&ME Project 22610550
 Taken by: BM, TK
 Date: November 15, 2022

Appendix III – Copy of Inspectors’ SCDHEC Licenses

SCDHEC ISSUED

Asbestos ID Card

Bobby McAllister



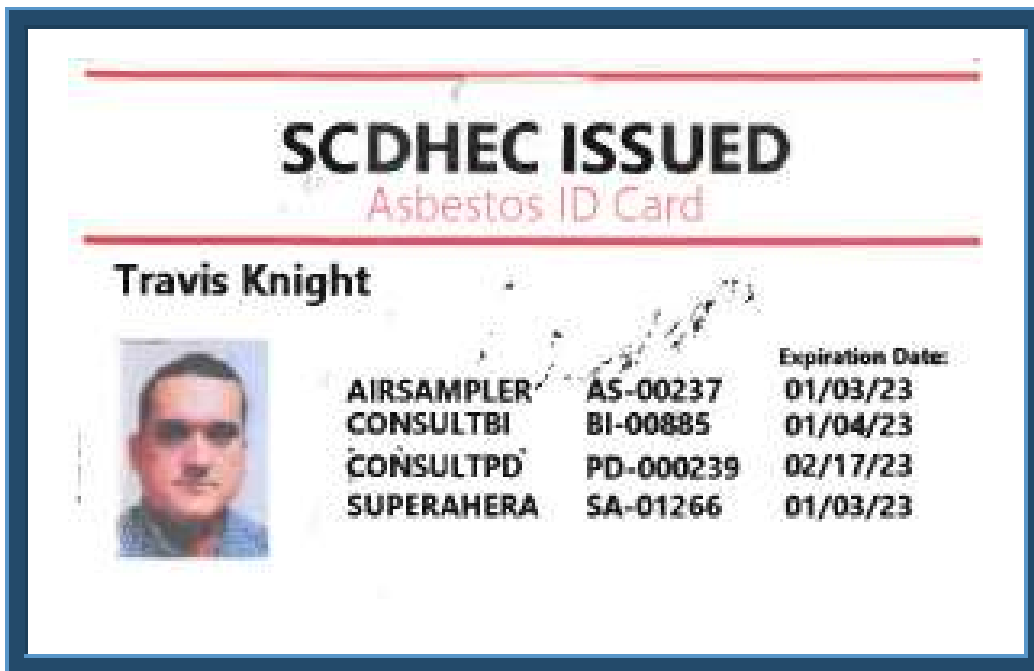
		Expiration Date:
AIRSAMPLER	AS-00450	01/04/23
CONSULTBI	BI-01429	01/04/23
CONSULTPD	PD-000231	02/17/23
SUPERAHERA	SA-02404	01/03/23



South Carolina Department
of
Health and Environmental Control

Asbestos License

Travis Knight



**Appendix IV – Laboratory Analysis Sheets and Chain of Custody
Records**



9751 Southern Pine Boulevard
 Charlotte, NC 28273
 704-940-1830 Fax: 704-565-4929
 NVLAP Lab Code 102075-0

POLARIZED LIGHT MICROSCOPY
 Performed by EPA 600/R-93/116 Method

Asbestos Analysis Summary


Client Name Columbia Office
Client Job Gullman School
 134 Suber Rd.
 Columbia SC 29210

Date Received 11/16/2022
Date Analyzed 11/17/2022

Job Number 22610550

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
22-13594A	FT-1	BEIGE NONFIBROUS	TILE	ND		100 OTHER
22-13594B	FT-1	BLACK NONFIBROUS	MASTIC	ND		100 OTHER
22-13595A	FT-2	BEIGE NONFIBROUS	TILE	ND		100 OTHER
22-13595B	FT-2	BLACK NONFIBROUS	MASTIC	ND		100 OTHER

Analyzed by:  Jane Wasilewski
 Additional Comments: Issued 11/18/22

 Jane Wasilewski
 Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample), RCF= (Refractory Ceramic Fiber) The results relate only to the items tested.
 The sample may not be fully representative of the larger material in question. This report shall not be reproduced except in full with permission from SME, Inc. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Although Polarized Light Microscopy (PLM/Dispersion Staining) (Method EPA 600/R-93/116) is the specified method for analysis of bulk material samples for asbestos under the EPA Asbestos Hazard Emergency Response Act, there have been reports that this method may not identify asbestos when fiber sizes are extremely small or if they are bound in a resinous material. Such materials include floor tile, mastic and asphaltic roofing. Currently, reanalysis by Transmission Electron Microscopy (TEM) to verify results of <1% or "None Detected" for these materials is recommended.

Job Number 22610550

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
22-13597A	FT-4	TAN NONFIBROUS	TILE	3 CHRYSOTILE		97 OTHER
22-13597B	FT-4	BLACK FIBROUS	MASTIC	4 CHRYSOTILE		96 OTHER
22-13598A	FT-5	TAN NONFIBROUS	TILE	3 CHRYSOTILE		97 OTHER
22-13598B	FT-5	BLACK NONFIBROUS	MASTIC	2 CHRYSOTILE		98 OTHER
22-13600	CT-1	WHITE/TAN FIBROUS		ND	100 CELLULOSE	<1 OTHER
22-13601	CT-2	WHITE/TAN FIBROUS		ND	100 CELLULOSE	<1 OTHER


Analyzed by: Jane Wasilewski
Additional Comments: Issued 11/18/22



Jane Wasilewski
 Laboratory Manager

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Job Number 22610550

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
22-13602	CT-3	WHITE/TAN FIBROUS		ND	100 CELLULOSE	<1 OTHER
22-13603	CT-4	GREY FIBROUS		ND	45 MINERAL WOOL 30 CELLULOSE	25 PERLITE
22-13604	CT-5	GREY FIBROUS		ND	45 MINERAL WOOL 30 CELLULOSE	25 PERLITE
22-13605	CT-6	GREY FIBROUS		ND	45 MINERAL WOOL 30 CELLULOSE	25 PERLITE
22-13606	FP-1	WHITE FIBROUS		ND	100 CELLULOSE	
22-13607	FP-2	WHITE FIBROUS		ND	100 CELLULOSE	


Analyzed by: Jane Wasilewski
Additional Comments: Issued 11/18/22


Jane Wasilewski
 Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample), RCT= (Refractory Ceramic Fiber) The results relate only to the items tested.
 The sample may not be fully representative of the larger material in question. This report shall not be reproduced except in full with permission from SME, Inc. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Although Polarized Light Microscopy (PLM/Dispersion Staining) (Method EPA 600/R-93/116) is the specified method for analysis of bulk material samples for asbestos under the EPA Asbestos Hazard Emergency Response Act, there have been reports that this method may not identify asbestos when fiber sizes are extremely small or if they are bound in a resinous material. Such materials include floor tile, mastic and asphaltic roofing. Currently, reanalysis by Transmission Electron Microscopy (TEM) to verify results of <1% or "None Detected" for these materials is recommended.

Job Number 22610550

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
22-13608	FP-3	WHITE FIBROUS		ND	100 CELLULOSE	
22-13609	FP-4	WHITE FIBROUS		ND	100 CELLULOSE	
22-13610	FP-5	WHITE FIBROUS		ND	100 CELLULOSE	
22-13611	FP-6	WHITE FIBROUS		ND	100 CELLULOSE	
22-13612	FP-7	WHITE FIBROUS		ND	100 CELLULOSE	
22-13613	LN-1	GREY FIBROUS		ND	3 CELLULOSE 2 SYNTHETIC	95 OTHER


Analyzed by: Jane Wasilewski
Additional Comments: Issued 11/18/22


Jane Wasilewski
 Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample), RCT= (Refractory Ceramic Fiber) The results relate only to the items tested.
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Job Number 22610550

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
22-13614	LN-2	GREY FIBROUS		ND	3 CELLULOSE 2 SYNTHETIC	95 OTHER
22-13616	LN-4	CREAM FIBROUS		ND	3 CELLULOSE 2 SYNTHETIC	95 OTHER
22-13617	LN-5	CREAM FIBROUS		ND	5 CELLULOSE 2 SYNTHETIC	93 OTHER
22-13619A	FT-7	BROWN NONFIBROUS	TILE	5 CHRYSOTILE		95 OTHER
22-13619B	FT-7	BLACK FIBROUS	MASTIC	6 CHRYSOTILE		94 OTHER
22-13620A	FT-8	BROWN FIBROUS	TILE	5 CHRYSOTILE		95 OTHER

Analyzed by: Jane Wasilewski
Additional Comments: Issued 11/18/22

Jane Wasilewski
Laboratory Manager

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Job Number 22610550

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
22-13620B	FT-8	BLACK FIBROUS	MASTIC	3 CHRYSOTILE		97 OTHER
22-13622A	FT-10	TAN NONFIBROUS	TILE	ND	2 CELLULOSE	98 OTHER
22-13622B	FT-10	GOLD NONFIBROUS	MASTIC	ND		100 OTHER
22-13623A	FT-11	TAN NONFIBROUS	TILE	ND		100 OTHER
22-13623B	FT-11	BLACK NONFIBROUS	MASTIC	ND	2 CELLULOSE	98 OTHER
22-13625	JC-1	WHITE NONFIBROUS		ND		100 OTHER

Analyzed by: Jane Wasilewski
Additional Comments: Issued 11/18/22

Jane Wasilewski
Laboratory Manager

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Job Number 22610550

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
22-13626	JC-2	WHITE NONFIBROUS		ND		100 OTHER
22-13627	JC-3	WHITE NONFIBROUS		ND		100 OTHER
22-13628	JC-4	WHITE NONFIBROUS		ND		100 OTHER
22-13629	JC-5	WHITE NONFIBROUS		ND		100 OTHER
22-13630	DW-1	BEIGE FIBROUS		ND	2 GLASS	98 GYPSUM
22-13631	DW-2	BEIGE FIBROUS		ND	2 GLASS	98 GYPSUM

Analyzed by: Jane Wasilewski
Additional Comments: Issued 11/18/22



 Jane Wasilewski
 Laboratory Manager

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Job Number 22610550

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
22-13632	DW-3	TAN/BEIGE FIBROUS		ND	5 CELLULOSE 2 GLASS	93 GYPSUM
22-13633	CT-7	TAN FIBROUS		ND	65 MINERAL WOOL 20 CELLULOSE	15 PERLITE
22-13634	CT-8	TAN FIBROUS		ND	65 MINERAL WOOL 20 CELLULOSE	15 PERLITE
22-13635	CT-9	TAN FIBROUS		ND	65 MINERAL WOOL 20 CELLULOSE	15 PERLITE
22-13636	BBM-1	BEIGE NONFIBROUS		ND		100 OTHER
22-13637	BBM-2	BEIGE NONFIBROUS		ND		100 OTHER

Analyzed by:  Jane Wasilewski
Additional Comments: Issued 11/18/22

 Jane Wasilewski
Laboratory Manager

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Job Number 22610550

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
22-13639	PL-1	WHITE NONFIBROUS	SKIM COAT (ONLY)	ND		100 OTHER
22-13640A	PL-2	WHITE NONFIBROUS	SKIM COAT	ND		100 OTHER
22-13640B	PL-2	TAN GRANULAR	PLASTER	ND		100 OTHER
22-13641A	PL-3	WHITE NONFIBROUS	SKIM COAT	ND		100 OTHER
22-13641B	PL-3	TAN GRANULAR	PLASTER	ND		100 OTHER
22-13642A	PL-4	WHITE NONFIBROUS	SKIM COAT	ND		100 OTHER


Analyzed by: Jane Wasilewski
Additional Comments: Issued 11/18/22


Jane Wasilewski
 Laboratory Manager

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Job Number 22610550

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
22-13642B	PL-4	TAN GRANULAR	PLASTER	ND	ND	100 OTHER
22-13643A	PL-5	WHITE NONFIBROUS	SKIM COAT	ND	ND	100 OTHER
22-13643B	PL-5	TAN/GREY GRANULAR	PLASTER	ND	ND	100 OTHER
22-13644	TSI-1	WHITE FIBROUS		15 AMOSITE 3 CHRYSOTILE		82 OTHER
22-13645	TSI-2	WHITE FIBROUS		15 AMOSITE 3 CHRYSOTILE		82 OTHER
22-13646A	TSI-3	BEIGE FIBROUS	WRAP	ND	99 CELLULOSE	1 OTHER


Analyzed by: Jane Wasilewski
Additional Comments: Issued 11/18/22


Jane Wasilewski
 Laboratory Manager

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Job Number 22610550

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
22-13646B	TSI-3	WHITE FIBROUS	INSULATION	15 AMOSITE 3 CHRYSOTILE		82 OTHER
22-13647A	HJ-1	TAN FIBROUS	WRAP	ND	99 CELLULOSE	1 OTHER
22-13647B	HJ-1	GREY FIBROUS	INSULATION	65 CHRYSOTILE		35 OTHER
22-13648A	HJ-2	TAN FIBROUS	WRAP	ND	99 CELLULOSE	1 OTHER
22-13648B	HJ-2	GREY FIBROUS	INSULATION	65 CHRYSOTILE		35 OTHER
22-13649A	HJ-3	TAN FIBROUS	WRAP	ND	99 CELLULOSE	1 OTHER

Analyzed by: Jane Wasilewski
Additional Comments: Issued 11/18/22

Jane Wasilewski
Laboratory Manager

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Job Number 22610550

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
22-13649B	HJ-3	GREY FIBROUS	INSULATION	65 CHRYSOTILE		35 OTHER
22-13650	WG-1	BEIGE FIBROUS		2 CHRYSOTILE		98 OTHER
22-13651	WG-2	BEIGE FIBROUS		2 CHRYSOTILE		98 OTHER
22-13653	DW-4	BEIGE FIBROUS		ND	2 CELLULOSE	98 GYPSUM
22-13654	DW-5	BEIGE FIBROUS		ND	2 CELLULOSE	98 GYPSUM
22-13655	DW-6	BEIGE FIBROUS		ND	2 CELLULOSE	98 GYPSUM

Analyzed by: Jane Wasilewski
Additional Comments: Issued 11/18/22

Jane Wasilewski
Laboratory Manager

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Job Number 22610550

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
22-13656	J-6	WHITE NONFIBROUS		ND		100 OTHER
22-13657	J-7	WHITE NONFIBROUS		ND		100 OTHER
22-13658	J-8	WHITE NONFIBROUS		ND		100 OTHER
22-13659	LN-7	BROWN FIBROUS		ND	2 GLASS	98 OTHER
22-13660	LN-8	BROWN FIBROUS		ND	2 GLASS	98 OTHER
22-13662A	RF-1	BLACK FIBROUS	ROOF	ND	25 GLASS	75 OTHER

Analyzed by: Jane Wasilewski
Additional Comments: Issued 11/18/22


 Jane Wasilewski
 Laboratory Manager

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Job Number 22610550

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
22-13662B	RF-1	GREY FIBROUS	INSULATION	ND	98 CELLULOSE	2 PERLITE
22-13663A	RF-2	BLACK FIBROUS	ROOF	ND	25 GLASS	75 OTHER
22-13663B	RF-2	GREY FIBROUS	INSULATION	ND	98 CELLULOSE	2 PERLITE
22-13664	RF-3	GREY FIBROUS	INSULATION	ND	98 CELLULOSE	2 PERLITE
22-13665	S-1	BLACK FIBROUS		ND	2 CELLULOSE	98 OTHER
22-13666	S-2	BLACK FIBROUS		ND	2 CELLULOSE	98 OTHER

Analyzed by: Jane Wasilewski
Additional Comments: Issued 11/18/22


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 Laboratory Manager

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Job Number 22610550

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
22-13668	S-4	SILVER/BLACK FIBROUS		<1 CHRYSOTILE	20 SYNTHETIC	80 OTHER
22-13669	S-5	SILVER/BLACK FIBROUS		<1 CHRYSOTILE	20 SYNTHETIC	80 OTHER

Analyzed by: Jane Wasilewski
Additional Comments: Issued 11/18/22

Jane Wasilewski
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PLM = 5 day
TEM = 3 day

BULK SAMPLE

CHAIN OF CUSTODY RECORD

Requested Turn Around Time:
 24-Hour 48-Hour 3 Day Same Day
 6-10 Day

PROJECT NO. 22610550 PROJECT NAME: Gallman
 FACILITY: Gallman DATE TAKEN: 11/15/22
 RELINQUISHED BY: [Signature] RECEIVED BY: [Signature]
 NOTES: [Blank]

SAMPLE #	LAB NUMBER	MATERIAL	LOCATION	QUANTITY	COMMENTS / SPECIAL INSTRUCTIONS
FT-1	22-13594	12" White LBR VOT, B/K MASH	Foyer	10x12	} No. 3
2	95	↓	↓		
3	96	↓	↓		
FT-4	97	12" Dark Tan VOT, B/K MASH	Hall		} No. 3
5	98	↓	↓		
6	13599	↓	↓		
CT-1	13600	12" Spline ceiling tile	Hall		
2	01	↓	L-bron		
3	02	↓	Hall		
CT-4	03	2x4 Ceiling tile	Foyer		
5	04	↓			
6	05	↓			
FP-1	06	Spray-Applied Fire Proofing	15th Floor SE Wing		
2	07	↓	↓		
3	08	↓	↓		
4	09	↓	↓		
5	10	↓	↓		
6	11	↓	Lower Class Room Level		
7	13612	↓	↓		



BULK SAMPLE

CHAIN OF CUSTODY RECORD

Requested Turn Around Time: 24-Hour 48-Hour 3 Day Same Day 6-10 Day

PROJECT NO. _____ PROJECT NAME: _____ RELINQUISHED BY: _____ DATE _____ TIME _____

FACILITY _____ RECEIVED BY: _____ DATE 11/16/22 TIME _____

SAMPLER(S) _____ DATE TAKEN _____ NOTES: _____

SAMPLE #	LAB NUMBER	MATERIAL	LOCATION	QUANTITY	COMMENTS / SPECIAL INSTRUCTIONS
LN-1	22-13613	Tan Pebble Linoleum	Cafeteria		} NOB
2	14	↓			
3	15	Class Room 10 Restroom			} NOB
LN-4	16	Green mottled linoleum	office		
5	17	↓			} NOB
6	18	↓			
FT-7	19	9" BRN UCT ? Mest. C	Hall Beneath 12"		} NOB
8	20	↓			
9	21	↓	Cafeteria Beneath Linoleum		} NOB
FT-10	22	12" TAN mottled UCT ? Mest. C	Office Beneath Carpet + tile		
11	23	↓	office Beneath Carpet		} NOB
12	24	↓	Hallway Edge		
JC-1	25	Joint Compound	Room 13		
2	26	↓	Room 1		
3	27	↓	Room 13		
4	28	↓	↓		
5	29	↓	↓		
DW-1	30	Drywall	Room 13		
2	31	↓	Room 1		
3	13632	↓	↓		



BULK SAMPLE

CHAIN OF CUSTODY RECORD

Requested Turn Around Time: 24-Hour 48-Hour 3 Day 6-10 Day Same Day

PROJECT NO.	PROJECT NAME:	RELINQUISHED BY:	DATE	TIME	
FACILITY		RECEIVED BY:	DATE	TIME	
SAMPLER(S)		DATE TAKEN	NOTES:		
SAMPLE #	LAB NUMBER	MATERIAL	LOCATION	QUANTITY	COMMENTS / SPECIAL INSTRUCTIONS
CT-2	22-13653	2x2 Ceiling tile	Gym	100 x 72	
8	34				
9	35				
B00-1	36	Baseboard Mastic	Lower Class Room		} NOB
2	37		Foyer		
3	38		Hall		
PL-1	39	Plaster	Kitchen		
2	40				
3	41				
4	42				
5	43				
TB1-1	44	TB1	Beneath Gym - office		200 LF
2	45				
3	46				
H.S.-1	47	Hard Joint	Beneath Gym - office		
2	48				
3	49				
WG-1	50	Window Glazing	Exterior Window		} NOB
2	51				
3	13652				



BULK SAMPLE

CHAIN OF CUSTODY RECORD

Requested Turn Around Time:

24-Hour 48-Hour 3 Day Same Day

6-10 Day

PROJECT NO.	PROJECT NAME:	RELINQUISHED BY:	DATE	TIME	COMMENTS / SPECIAL INSTRUCTIONS
FACILITY		RECEIVED BY:	DATE	TIME	
SAMPLER(S)		RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
SAMPLE #	LAB NUMBER	MATERIAL	LOCATION	QUANTITY	
DW-4	27-13653	Drywall	Beneath gym partition wall	100 SF	
5	54	↓	↓		
4	55	Joint Compound	Beneath Gym Partition wall	100 SF	
S-6	56	↓			
57	57	↓			
8	58	Brown Linoleum	Hall Beneath gym	~3 SF	} NOB
LN-7	59	↓			
8	60	↓			
61	61	Built up Roof	Roof		} NOB
RF-1	62	↓			
2	63	↓			
3	64	Black Sealant	Roof		} NOB
S-1	65	↓			
2	66	↓			
3	67	Silver Sealant	Parapet		} NOB
S-4	68	↓			
5	69	↓	Penetration		} NOB
4	13670				



EMSL Analytical, Inc.

10801 Southern Loop Blvd Pineville, NC 28134

Tel/Fax: (704) 525-2205 / (704) 525-2382

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

EMSL Order: 412211827

Customer ID: SMEI54

Customer PO: 22610550

Project ID:

Attention: Jane Wasilewski
S&ME, Inc.
9771D Southern Pine Blvd.
Charlotte, NC 28273

Phone: (704) 940-1830
Fax: (704) 565-4929
Received Date: 11/18/2022 12:30 PM
Analysis Date: 11/21/2022
Collected Date:

Project: 22610550

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
FT-3 412211827-0001	Tile	Beige Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
FT-3 412211827-0002	Mastic (Black)	Black Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
LN-3 412211827-0003	Sheet Floor Only	Gray/Green Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
LN-6 412211827-0004	Sheet Floor Only	Gray Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
FT-12 412211827-0005	Tile	Tan Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
FT-12 412211827-0006	Mastic	Black Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
BBM-3 412211827-0007	Mastic Only	Beige Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
LN-9 412211827-0008	Sheet Floor Only	Brown/Tan Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
RF-3 412211827-0009	Roof	Black Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
S-3 412211827-0010	Sealant	Black Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
S-6 412211827-0011	Sealant	Black/Silver Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. EMSL recommends that samples reported as none detected or <1% undergo additional analysis via PLM to avoid the possibility of false negatives.

Samples analyzed by EMSL Analytical, Inc. Pineville, NC

Initial report from: 11/21/2022 11:06:38



EMSL Analytical, Inc.

10801 Southern Loop Blvd Pineville, NC 28134

Tel/Fax: (704) 525-2205 / (704) 525-2382

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

EMSL Order: 412211827
Customer ID: SMEI54
Customer PO: 22610550
Project ID:

Attention: Jane Wasilewski
S&ME, Inc.
9771D Southern Pine Blvd.
Charlotte, NC 28273
Project: 22610550

Phone: (704) 940-1830
Fax: (704) 565-4929
Received Date: 11/18/2022 12:30 PM
Analysis Date: 11/21/2022
Collected Date:

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
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Analyst(s)

Derrick Young (11)

Lee Plumley, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Pineville, NC

Initial report from: 11/21/2022 11:06:38



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

412211827

EMSL ANALYTICAL, INC.
10801 SOUTHERN LOOP BLVD
PINEVILLE, NC 28134
PHONE: 704-525-2205
FAX: 704-525-2382

Company : S&ME Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 9751 Southern Pine Blvd.		Third Party Billing requires written authorization from third party	
City: Charlotte	State/Province: NC	Zip/Postal Code: 28273	Country:
Report To (Name): Jane Wasilewski		Telephone #: 704-940-1830	
Email Address: jwasilewski@smeinc.com		Fax #:	Purchase Order:
Project Name/Number:		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken:		CT-Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour	<input type="checkbox"/> 24 Hour	<input type="checkbox"/> 48 Hour
<input checked="" type="checkbox"/> 72 Hour	<input type="checkbox"/> 96 Hour	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Week
*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.			
PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM Bulk <input checked="" type="checkbox"/> TEM-EPA-NOB <input checked="" type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
TEM-Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)		Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Filter Pore Size (Air Samples): <input type="checkbox"/> 0.8µm <input type="checkbox"/> 0.45µm	
Samplers Name:		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
FT-3	Tile		
↓	Mastic (Black)		
LN-3	sheet Floor only		
LN-6	sheet Floor only		
FT-12	Tile		
↓	Mastic		
BBM-3	Mastic only		
LN-9	sheet Floor only		
Client Sample # (s):		Total # of Samples: 11	
Relinquished (Client):		Date: 11/18/22	Time:
Received (Lab):		Date: 11/18/22	Time: 12:30 w/1
Comments/Special Instructions: ****EMAIL INVOICE TO: smeinc_invoice@concurolutions.com with this contact printed on the invoice: Travis Knight			

252-670-550

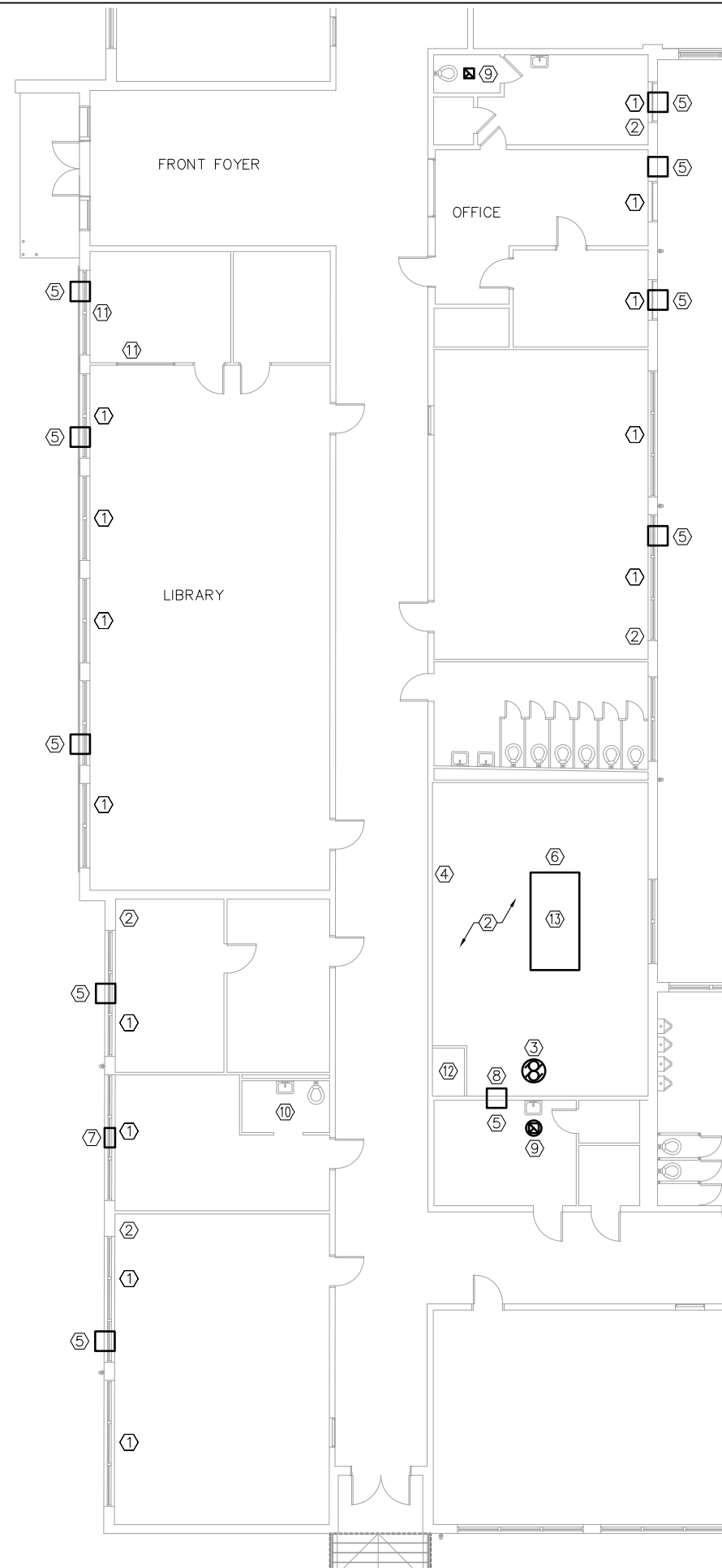
Appendix V – Summary of XRF Lead Analyzer Readings

XRF LEAD-BASED PAINT READING SUMMARY TABLE

Serial #95004
 PAINT
 Project No.: 22610550
 Site: Gallman School 540 Brantley Street
 Date: November 15, 2022
 Ranges (NEG<INC<POS): Device PCS

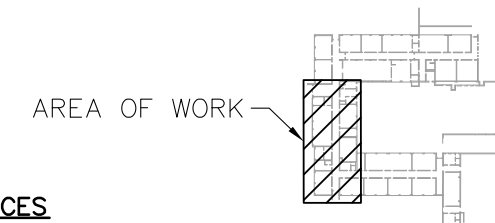


Reading Number	Floor/Area	Room	Feature	Substrate	Condition	Color	Result	XRF Reading (mg/cm ²)
1			Shutter					
2			Pre-Calibrate					1.00
3			Pre-Calibrate					0.90
4			Pre-Calibrate					0.90
5	Interior	Foyer	Front door	Metal	Non-deteriorated	White	Negative	<LOD
6	Interior	Foyer	Door frame	Wood	Non-deteriorated	Red	Negative	0.13
7	Interior	Foyer	Radiator	Metal	Non-deteriorated	Red	Negative	0.07
8	Interior	Foyer	Wall	CMU	Non-deteriorated	White	Negative	<LOD
9	Interior	Classroom 10	Door	Wood	Non-deteriorated	White	Negative	<LOD
10	Interior	Classroom 10	Door frame	Metal	Non-deteriorated	Tan	Negative	0.05
11	Interior	Classroom 10	Wall	CMU	Non-deteriorated	Tan	Negative	<LOD
12	Interior	Classroom 10	Radiator	Metal	Non-deteriorated	Tan	Negative	0.14
13	Interior	Classroom 10	Window frame	Metal	Non-deteriorated	Tan	Negative	0.19
14	Interior	Classroom 10	Wall	CMU	Non-deteriorated	Blue	Negative	<LOD
15	Interior	Hallway	Window frame	Metal	Non-deteriorated	Red	Negative	0.04
16	Interior	Hallway	Door	Metal	Non-deteriorated	Red	Negative	<LOD
17	Interior	Hallway	Wall	CMU	Non-deteriorated	White	Negative	<LOD
18	Interior	Hallway	Door frame	Metal	Non-deteriorated	Purple	Negative	<LOD
19	Interior	Mens restroom	Tile	Ceramic	Non-deteriorated	Yellow	Positive	7.70
20	Interior	Mens restroom	Stall	Wood	Non-deteriorated	Purple	Negative	<LOD
21	Interior	Mens restroom	Door frame	Metal	Non-deteriorated	Brown	Negative	0.10
22	Interior	Mens restroom	Wall	CMU	Non-deteriorated	Light Blue	Negative	<LOD
23	Interior	Mens restroom	Floor	Ceramic	Non-deteriorated	Yellow	Negative	<LOD
24	Interior	Classroom 9	Wall	CMU	Non-deteriorated	Green	Negative	<LOD
25	Interior	Classroom 9	Shelf	Wood	Non-deteriorated	Blue	Negative	0.03
26	Interior	Classroom 9	Door frame	Metal	Non-deteriorated	White	Negative	<LOD
27	Interior	Classroom 9	Door	Wood	Non-deteriorated	White	Negative	<LOD
28	Interior	Girls restrooms	Tile	Ceramic	Non-deteriorated	Green	Positive	19.90
29	Interior	Girls restrooms	Tile	Ceramic	Non-deteriorated	Black	Positive	5.40
30	Interior	Girls restrooms	Floor	Ceramic	Non-deteriorated	Green	Negative	0.02
31	Interior	Girls restrooms	Stall	Metal	Non-deteriorated	Light Blue	Negative	<LOD
32	Interior	Girls restrooms	Window frame	Metal	Non-deteriorated	Blue	Negative	<LOD
33	Interior	Gym	Wall	CMU	Non-deteriorated	White	Negative	<LOD
34	Interior	Gym	Wall	CMU	Non-deteriorated	Grey	Negative	<LOD
35	Interior	Gym	Door	Metal	Non-deteriorated	Brown	Negative	<LOD
36	Interior	Gym	Door frame	Metal	Non-deteriorated	Brown	Negative	<LOD
37	Exterior		Door	Metal	Non-deteriorated	Brown	Negative	<LOD
38	Exterior		Handrail	Metal	Deteriorated	Blue	Negative	<LOD
39	Exterior		Gutter	Metal	Deteriorated	White	Negative	0.3
40	Exterior		Window frame	Metal	Deteriorated	White	Negative	<LOD
41	Exterior		Crawlspace door	Wood	Deteriorated	White	Negative	<LOD
42	Exterior		Handrail	Metal	Deteriorated	White	Negative	<LOD
43	Exterior		Door	Metal	Deteriorated	Blue	Negative	0.26
44	Exterior		Step	Concrete	Deteriorated	Light Blue	Negative	<LOD
45	Exterior		Handrail	Metal	Deteriorated	Light Blue	Negative	<LOD
46	Exterior		Shop door	Wood	Deteriorated	White	Negative	<LOD
47		Post-Calibrate						0.90
48		Post-Calibrate						1.00
49		Post-Calibrate						0.90



- KEYED NOTES (THIS SHEET ONLY)**
- ① STEAM RADIATOR.
 - ② EXPOSED PIPE INSULATION DAMAGED MISSING OR WRONG TYPE. INSULATION SHOULD BE TESTED FOR ASBESTOS.
 - ③ EXISTING STEAM CONDENSATE RETURN PUMPS.
 - ④ EXISTING BOILER CONTROLS.
 - ⑤ WINDOW AC UNIT INSTALLED.
 - ⑥ ROOF LEAKS DAMAGING PIPE INSULATION.
 - ⑦ WINDOW AC UNIT HAS BEEN REMOVED.
 - ⑧ THRU WALL AC UNIT DISCHARGES INTO ADJACENT BOILER ROOM.
 - ⑨ ROOF MOUNTED EXHAUST FAN.
 - ⑩ NO EXHAUST IN TOILET.
 - ⑪ OVERHEAD STEAM RADIATORS.
 - ⑫ RECOMMEND HAVING BRICK CHIMNEY INSPECTED IF BEING REUSED IN THE FUTURE.
 - ⑬ EXISTING HEATING STEAM BOILER, PEERLESS MODEL LCE-19-W/S, MFG: 2001, LAST INSPECTION 9/25/2015. NATURAL GAS.
 - ⑭ EXISTING STEAM CONDENSATE RETURN PUMPS.
 - ⑮ EXISTING BOILER CONTROLS.

FOYER AND SCHOOL OFFICES
SCALE: NTS



KEYPLAN
SCALE: NONE

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DATE REVISION:	
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DATE REVISION:	

GALLMAN CENTER
NEWBERRY COUNTY, SOUTH CAROLINA
PROJECT TITLE

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DRAWING TITLE

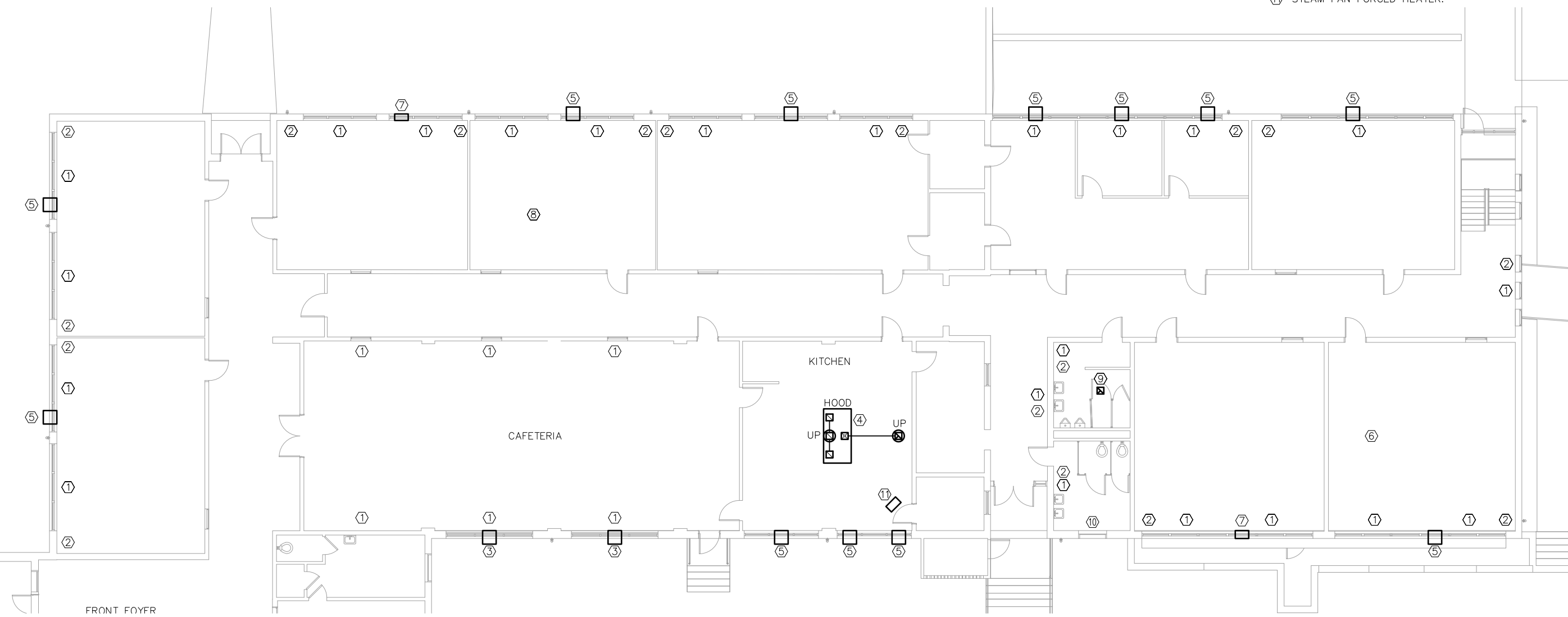
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AS NOTED	3/17/23

SHEET NUMBER
M101

CAD FILE NAME:
23002M101

KEYED NOTES (THIS SHEET ONLY)

- ① HOT WATER RADIATOR.
- ② EXPOSED PIPE INSULATION DAMAGED MISSING OR WRONG TYPE. INSULATION SHOULD BE TESTED FOR ASBESTOS.
- ③ BARD WALL MOUNTED HEAT PUMP WITH GRILLES. MFG DATE: 1990.
- ④ KITCHEN EXHAUST HOOD, EXHAUST FAN, MAKE-UP AIR FAN AND DUCTWORK.
- ⑤ WINDOW AC UNIT INSTALLED.
- ⑥ CEILING FAN MISSING BLADES.
- ⑦ WINDOW AC UNIT HAS BEEN REMOVED.
- ⑧ ROOF MOUNTED EXHAUST FAN.
- ⑨ EXHAUST FAN NEEDS TO BE REPLACED.
- ⑩ SIDEWALL EXHAUST FAN NEEDS TO BE REPLACED.
- ⑪ STEAM FAN FORCED HEATER.



CAFETERIA WING
SCALE: NTS

AREA OF WORK



KEYPLAN
SCALE: NONE

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CAFETERIA WING
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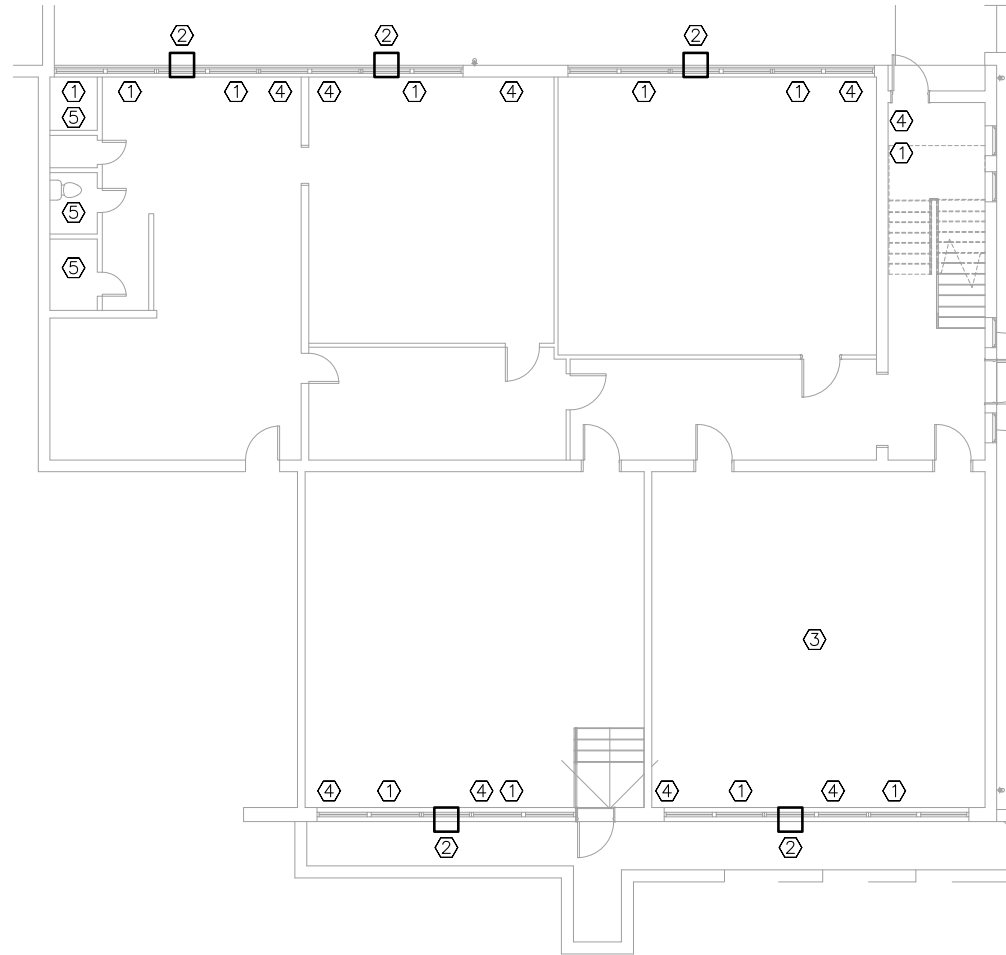
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AS NOTED	3/17/23

SHEET NUMBER
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CAD FILE NAME:
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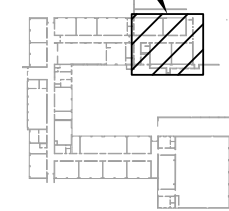
KEYED NOTES (THIS SHEET ONLY)

- ① EXISTING STEAM RADIATOR.
- ② WINDOW AC UNIT.
- ③ CEILING FAN MISSING BLADES.
- ④ EXPOSED PIPE INSULATION DAMAGED MISSING OR WRONG TYPE. INSULATION SHOULD BE TESTED FOR ASBESTOS.
- ⑤ WALL MOUNTED FAN IN TOILET NEEDS TO BE REPLACED AND DUCTED TO EXTERIOR OF BUILDING.



CAFETERIA WING – LOWER ADDITION
SCALE: NTS

AREA OF WORK



KEYPLAN
SCALE: NONE

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CAFETERIA WING LOWER ADDITION
DRAWING TITLE

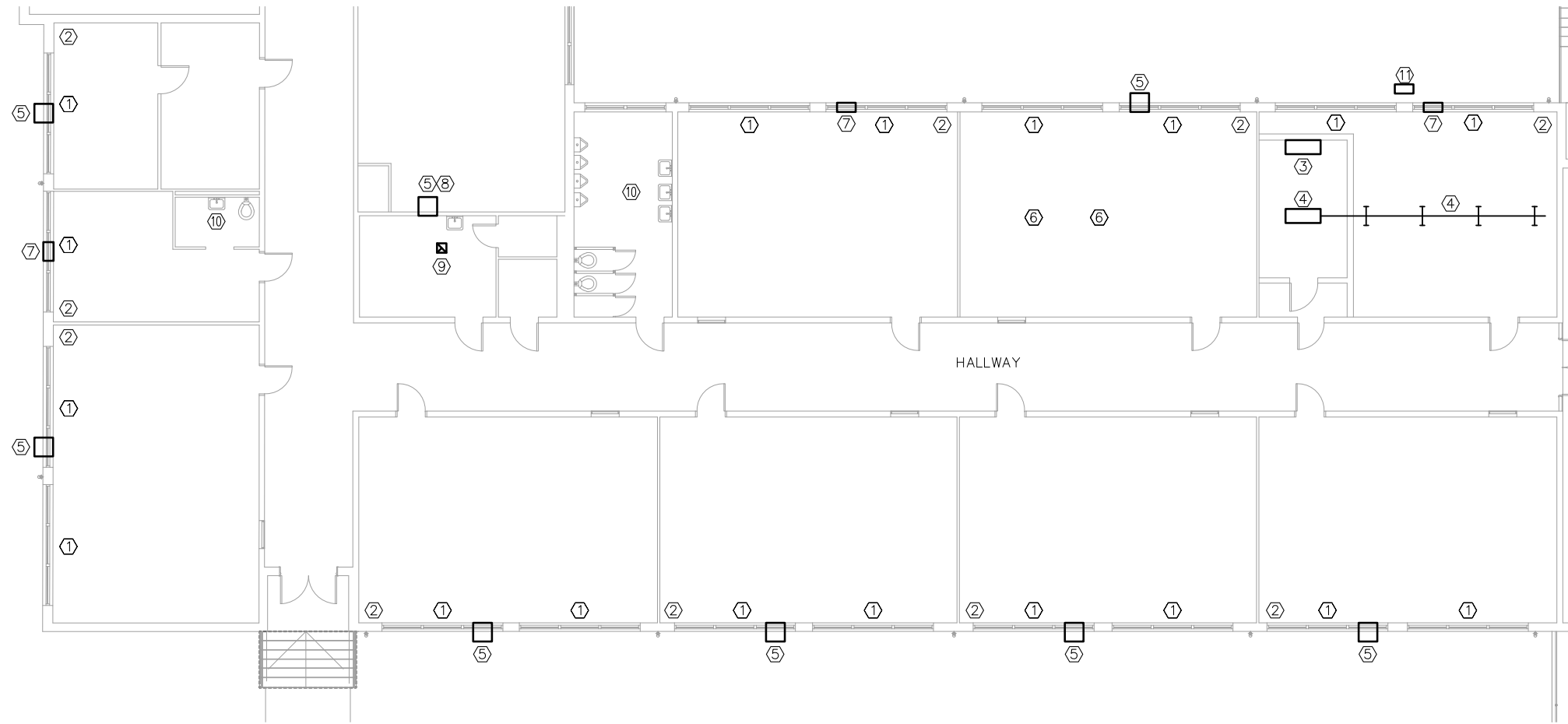
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SHEET NUMBER
M103

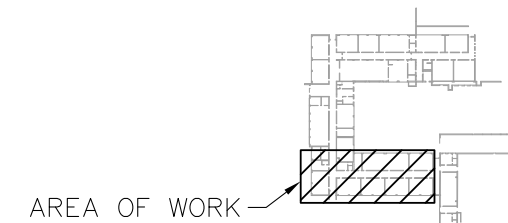
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23002M103

KEYED NOTES (THIS SHEET ONLY)

- ① STEAM RADIATOR.
- ② EXPOSED PIPE INSULATION DAMAGED MISSING OR WRONG TYPE. INSULATION SHOULD BE TESTED FOR ASBESTOS.
- ③ WALL MOUNT DUCTLESS AIR HANDLER (3/4 TON).
- ④ DUCTWORK INSTALLED, NO AIR HANDLER OR CONDENSING UNIT.
- ⑤ WINDOW AC UNIT INSTALLED.
- ⑥ CEILING FAN MISSING BLADES.
- ⑦ WINDOW AC UNIT HAS BEEN REMOVED.
- ⑧ THRU WALL AC UNIT DISCHARGES INTO ADJACENT BOILER ROOM.
- ⑨ ROOF MOUNTED EXHAUST FAN.
- ⑩ NO EXHAUST IN TOILET.
- ⑪ MINI SPLIT HEAT PUMP ON WALL BRACKETS (3/4 TON).



CLASSROOM WING
SCALE: NTS



KEYPLAN
SCALE: NONE

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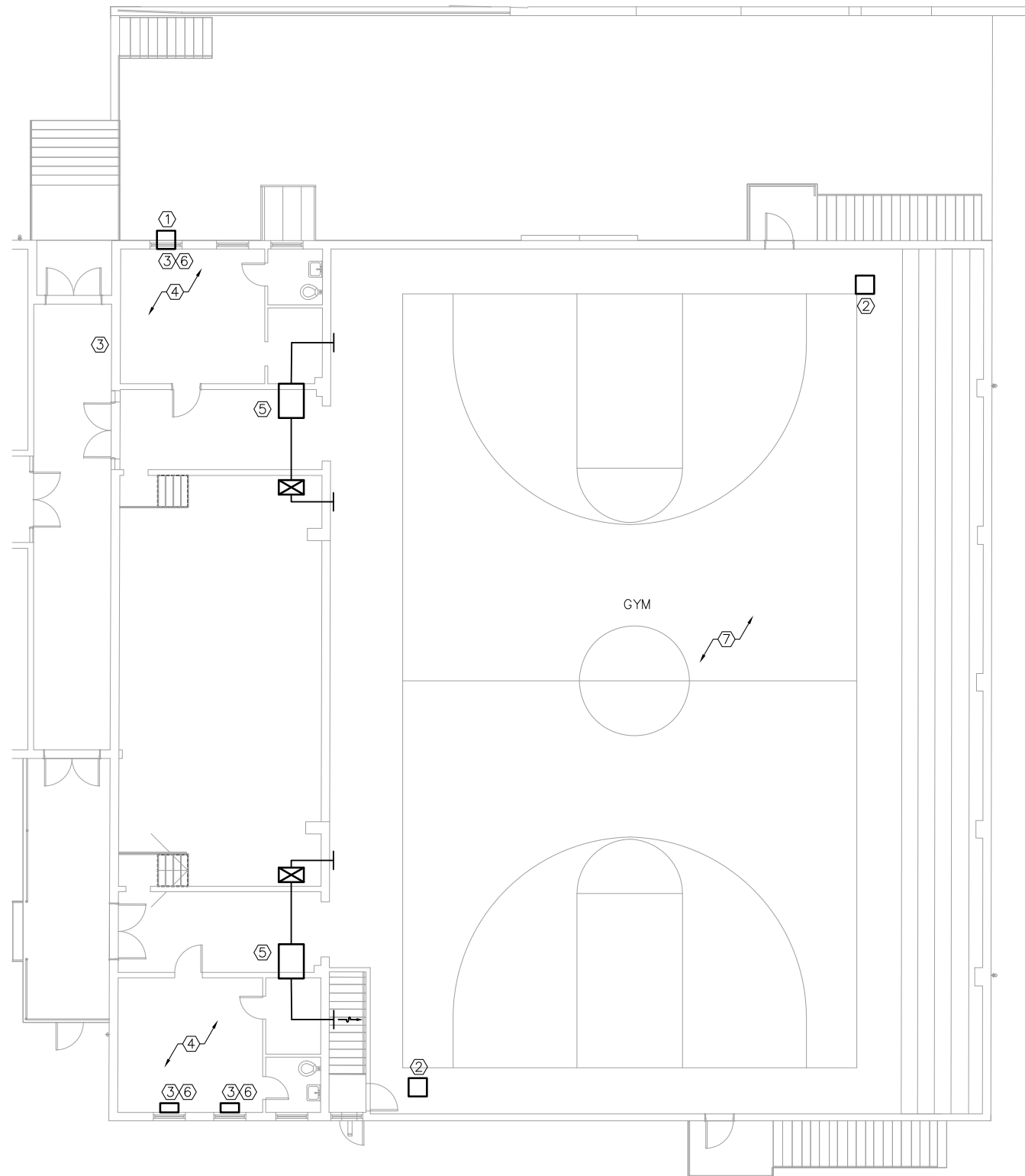
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CLASSROOM WING
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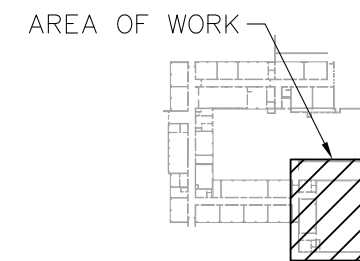
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SHEET NUMBER
M104

CAD FILE NAME:
23002M104



GYM - UPPER LEVEL
SCALE: NTS



KEYPLAN
SCALE: NONE

KEYED NOTES (THIS SHEET ONLY)

- ① WINDOW UNIT INSTALLED
- ② GAS HEATER MOUNTED HIGH ON WALL
- ③ FLOOR MOUNTED STEAM RADIATOR
- ④ EXPOSED PIPE INSULATION DAMAGED, MISSING OR WRONG TYPE. INSULATION SHOULD BE TESTED FOR ASBESTOS.
- ⑤ STEAM FAN COIL WITH DUCTWORK. (NO COOLING)
- ⑥ STEAM RADIATOR MISSING COVER HOUSING.
- ⑦ GYM IS PRESENTLY HEATED BUT NOT COOLED. RECOMMEND HAVING A THERMAL LOAD ANALYSIS DONE.

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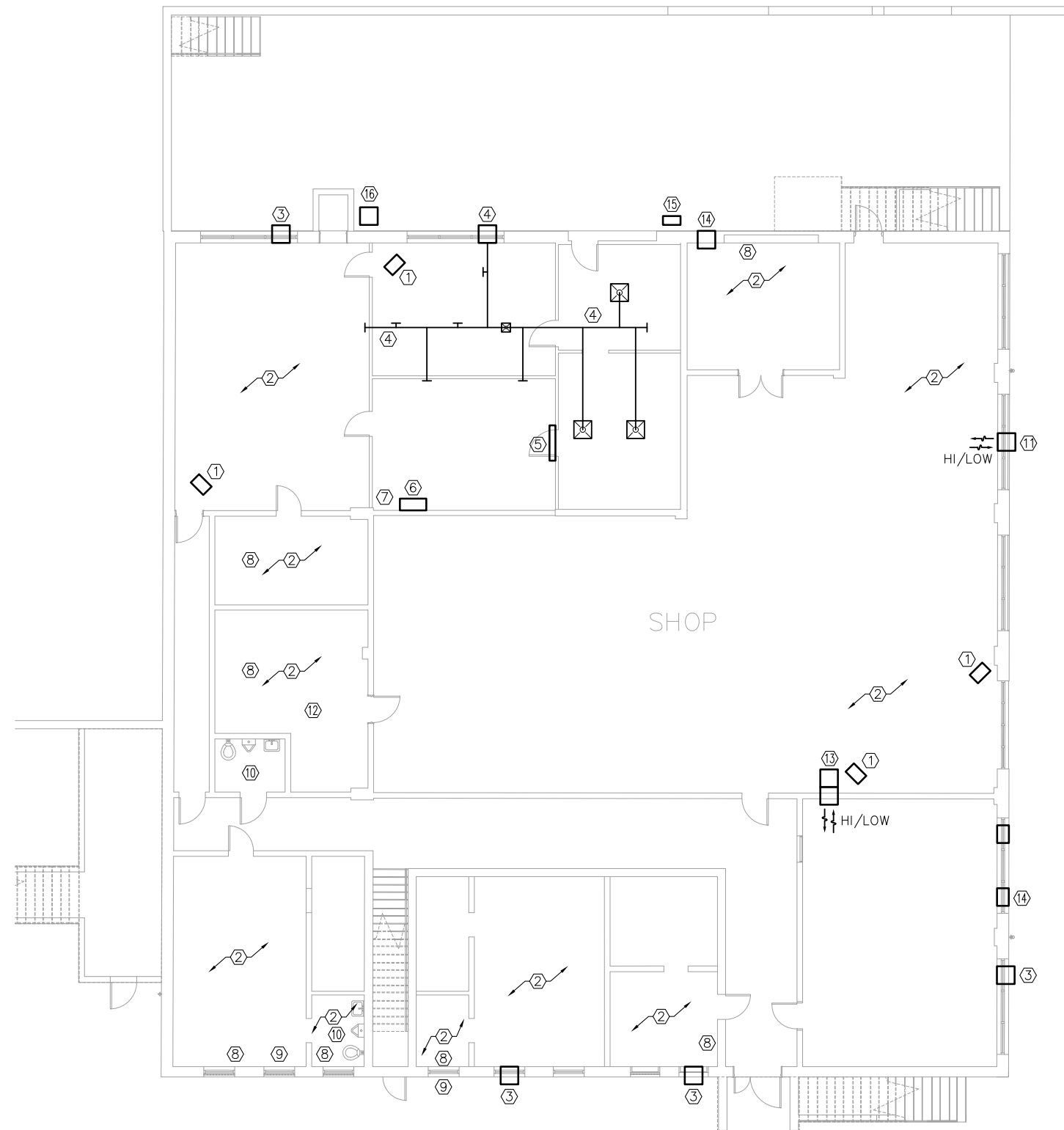
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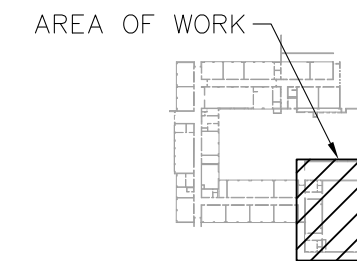
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SCALE: AS NOTED	DATE: 3/17/23

SHEET NUMBER
M105

CAD FILE NAME:
23002M105



GYM - LOWER LEVEL
SCALE: NT



KEYPLAN
SCALE: NONE

KEYED NOTES (THIS SHEET ONLY)

- ① STEAM FAN FORCED HEATER.
- ② EXPOSED PIPE INSULATION DAMAGED MISSING OR WRONG TYPE. INSULATION SHOULD BE TESTED FOR ASBESTOS.
- ③ WINDOW AC UNIT
- ④ BARD AC UNIT ON OUTSIDE OF WALL WITH DUCTED SUPPLY AND RETURN DUCT/GRILLES. (5 TON) MFG DATE: 2002
- ⑤ DUCTLESS AC UNIT ABOVE DOOR MOUNTED ON WALL. (2 TON) FOR I.T. ROOM.
- ⑥ AIR HANDLER HUNG ON WALL - FREE BLOWING IN I.T. ROOM - NO DUCTWORK (5 TON) MFG. DATE: 2010
- ⑦ DISCHARGE OFF AIR HANDLER AT WALL IS CREATING AN ENVIRONMENT FOR MOLD GROWTH.
- ⑧ STEAM RADIATOR.
- ⑨ WINDOW EXHAUST FAN NEEDS TO BE REPLACE.
- ⑩ NO EXHAUST INSTALLED IN TOILET ROOM.
- ⑪ BARD AC UNIT ON OUTSIDE WALL (5 TON) MFG. DATE: 1991
- ⑫ EXISTING STEAM CONDENSATE RETURN PUMPS.
- ⑬ STEAM FAN COIL
- ⑭ SIDE WALL VENTILATION FAN
- ⑮ MINI-SPLIT HEAT PUMP - AGE UNKNOWN - REFRIGERANT'S PIPE INSULATION IN NEED OF REPAIR/REPLACEMENT. (2 TON)
- ⑯ HEAT PUMP OUTSIDE ON PAD (5 TON) MFG: COLEMAN.

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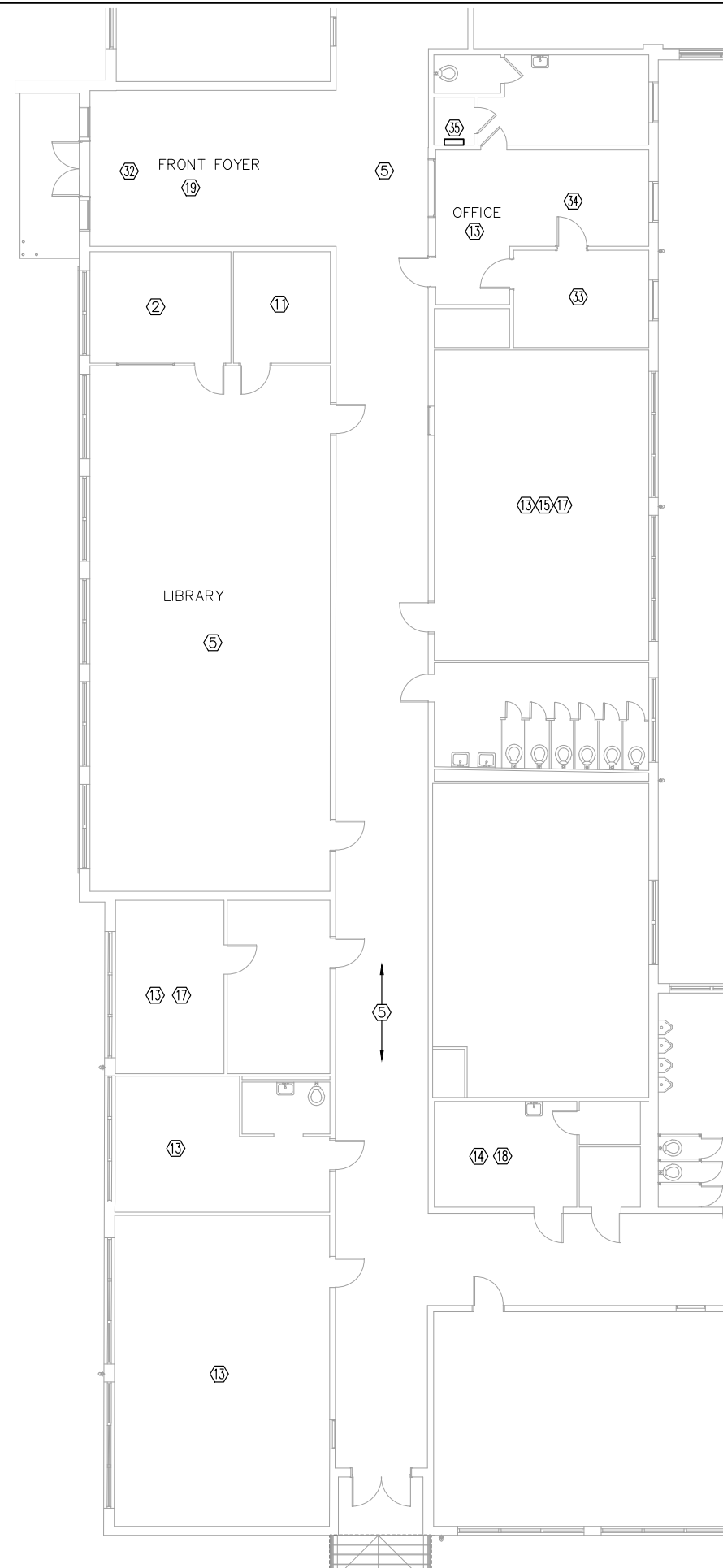
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SHEET NUMBER
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23002M106

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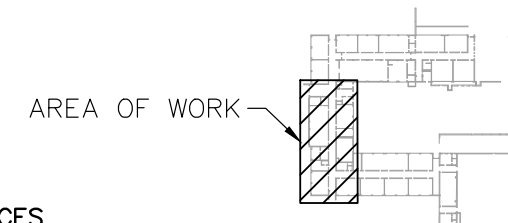
SCALE: AS NOTED
 DATE: 3/17/23



FOYER AND SCHOOL OFFICES
SCALE: NTS

KEYPLAN
SCALE: NONE

- KEYED NOTES (THIS SHEET ONLY)**
- ① OLD INCANDESCENT RETROFIT WITH COMPACT FLUORESCENTS AND THEN 1 X 4 TWO LAMP T-12
 - ② 2X4 T-BAR
 - ③ 2X4 SURFACE
 - ④ 12X12 RECESSED
 - ⑤ 1X8 T-12
 - ⑥ CONDUIT NOT PROPERLY SUPPORTED
 - ⑦ TRIP HAZARD CLEAN OUT
 - ⑧ KILN CIRCUIT IS NOT TERMINATED PROPERLY
 - ⑨ INCANDESCENTS WITHOUT LENSES
 - ⑩ PENDANT INCANDESCENTS
 - ⑪ 1X4 SURFACE MOUNT
 - ⑫ DOES NOT MEET CODE REQUIRED CLEARANCES
 - ⑬ 1X4 FLUORESCENT PENDANTS
 - ⑭ NEED JUNCTION BOX COVER AND VERIFY CIRCUIT IS TERMINATED PROPERLY
 - ⑮ CEILING FAN CIRCUITS ARE NOT TERMINATED PROPERLY
 - ⑯ LIGHT CIRCUITS ARE NOT TERMINATED PROPERLY
 - ⑰ SWITCH OR RECEPTACLE MISSING COVER
 - ⑱ 1X8 T-12 PENDANT
 - ⑲ 1X4 SURFACE MOUNT T-8
 - ⑳ NON GFI CIRCUIT OVER SINK AND NEXT TO SINK
 - ㉑ EXIT NOT WORKING PROPERLY
 - ㉒ 2X4 FOUR LAMP T-8
 - ㉓ 2X8 LINEAR PENDANTS FOR A TOTAL OF 48
 - ㉔ SCIENCE ROOM FLOOR BOX CIRCUITS ARE NOT TERMINATED PROPERLY
 - ㉕ RUSTED SPECIAL PURPOSE RECEPTACLE
 - ㉖ NON WET RATED FIXTURE USED IN SHOWER ROOMS.
 - ㉗ MAIN ELECTRICAL AND SUB PANELS – MANUFACTURED BY FEDERAL ELECTRIC
 - ㉘ ELECTRICAL CIRCUIT IS NOT TERMINATED PROPERLY.
 - ㉙ 12 SPACE ELECTRICAL PANEL.
 - ㉚ 200A, PANEL B2.
 - ㉛ 4 SPACE PANEL.
 - ㉜ NO REMOTE ANNUNCIATOR.
 - ㉝ TWO LAMP X 8' PENDANT.
 - ㉞ TWO LAMP X 16' PENDANT.
 - ㉟ TELEPHONE BACKERBOARD.
 - ㊱ CABLE BOX DETACHED FROM WALL
 - ㊲ 1X4 VANITY FIXTURE
 - ㊳ 24 SPACE PANEL UNDER AIR HANDLING UNIT.
 - ㊴ FIRE ALARM CONTROL PANEL.



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GALLMAN CENTER
NEWBERRY COUNTY, SOUTH CAROLINA
PROJECT TITLE

FOYER AND SCHOOL OFFICES
DRAWING TITLE

SCALE: AS NOTED	DATE: 3/17/23
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SHEET NUMBER
E101

CAD FILE NAME:
23002E101

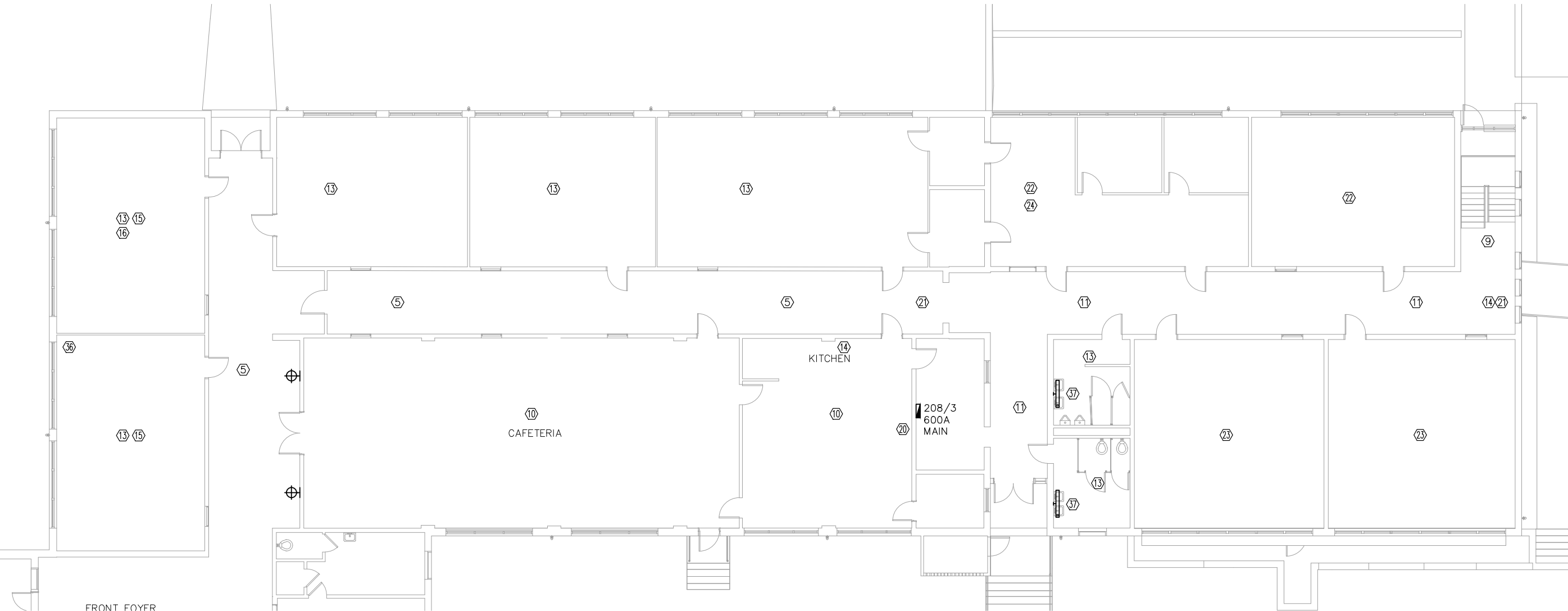
KEYED NOTES (THIS SHEET ONLY)

- ① OLD INCANDESCENT RETROFIT WITH COMPACT FLUORESCENTS AND THEN 1 X 4 TWO LAMP T-12
- ② 2X4 T-BAR
- ③ 2X4 SURFACE
- ④ 12X12 RECESSED
- ⑤ 1X8 T-12
- ⑥ CONDUIT NOT PROPERLY SUPPORTED
- ⑦ TRIP HAZARD CLEAN OUT
- ⑧ KILN CIRCUIT IS NOT TERMINATED PROPERLY
- ⑨ INCANDESCENTS WITHOUT LENSES
- ⑩ PENDANT INCANDESCENTS
- ⑪ 1X4 SURFACE MOUNT
- ⑫ NOT CODE REQUIRED CLEARANCES
- ⑬ 1X4 FLUORESCENT PENDANTS

- ⑭ NEED JUNCTION BOX COVER AND VERIFY CIRCUIT IS TERMINATED PROPERLY
- ⑮ CEILING FAN CIRCUITS ARE NOT TERMINATED PROPERLY
- ⑯ LIGHT CIRCUITS ARE NOT TERMINATED PROPERLY
- ⑰ SWITCH OR RECEPTACLE MISSING COVER
- ⑱ 1X8 T-12 PENDANT
- ⑲ 1X4 SURFACE MOUNT T-8
- ⑳ NON GFI CIRCUIT OVER SINK AND NEXT TO SINK
- ㉑ EXIT NOT WORKING PROPERLY
- ㉒ 2X4 FOUR LAMP T-8
- ㉓ 2X8 LINEAR PENDANTS TOTAL OF 48’?
- ㉔ SCIENCE ROOM FLOOR BOX CIRCUITS ARE NOT TERMINATED PROPERLY

- ㉕ RUSTED SPECIAL PURPOSE RECEPTACLE
- ㉖ NON WET RATED FIXTURE USED IN SHOWER ROOMS.
- ㉗ MAIN ELECTRICAL AND SUB PANELS – MANUFACTURED BY FEDERAL ELECTRIC
- ㉘ ELECTRICAL CIRCUIT IS NOT TERMINATED PROPERLY.
- ㉙ 12 SPACE ELECTRICAL PANEL.
- ㉚ 200A, PANEL B2.
- ㉛ 4 SPACE PANEL.
- ㉜ NO REMOTE ANNUNCIATOR.
- ㉝ TWO LAMP X 8’ PENDANT.
- ㉞ TWO LAMP X 16’ PENDANT.
- ㉟ TELEPHONE BACKERBOARD.
- ㊱ CABLE BOX DETACHED FROM WALL

- ㊲ 1X4 VANITY FIXTURE
- ㊳ 24 SPACE PANEL UNDER AIR HANDLING UNIT.
- ㊴ FIRE ALARM CONTROL PANEL.



CAFETERIA WING
SCALE: NTS

AREA OF WORK



KEYPLAN
SCALE: NONE

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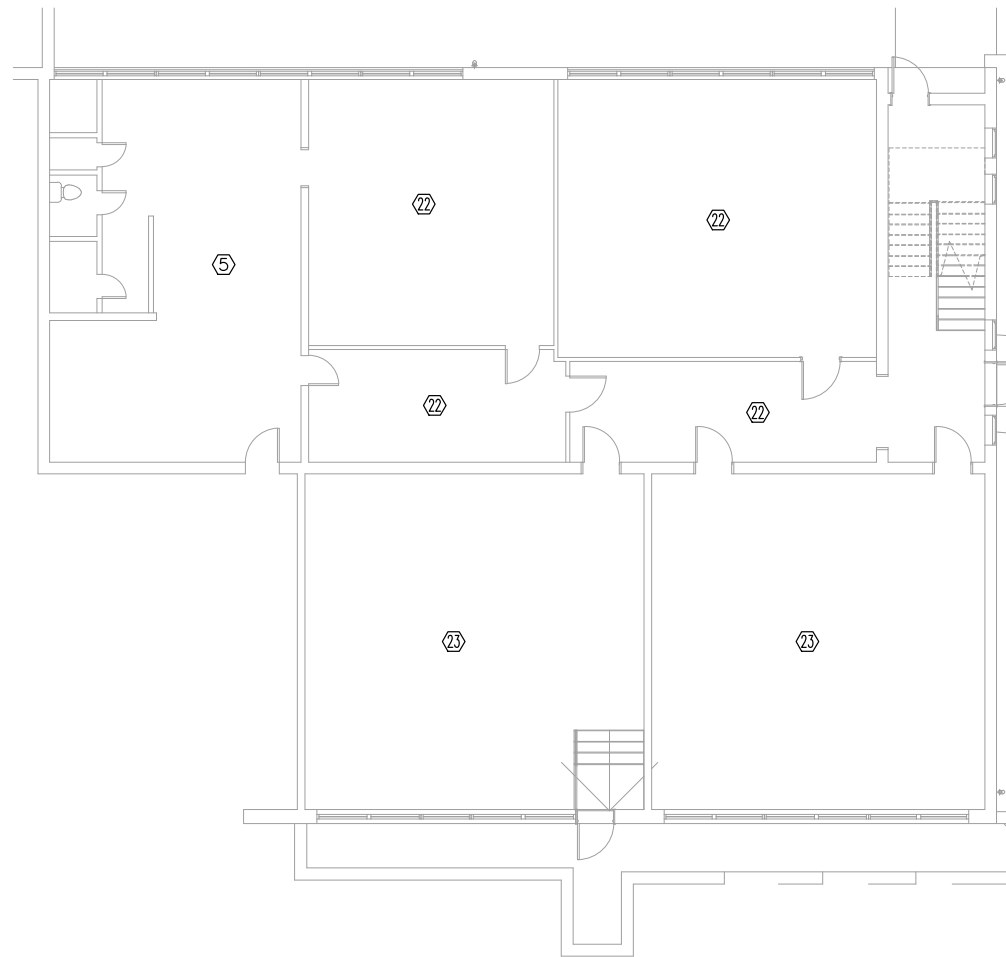
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 PROJECT TITLE

CAFETERIA WING
 DRAWING TITLE
 SCALE: AS NOTED
 DATE: 3/17/23

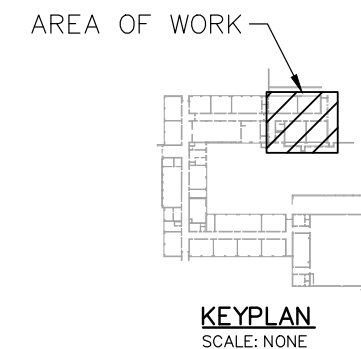
SHEET NUMBER
E102

CAD FILE NAME:
23002E102



CAFETERIA WING – LOWER ADDITION
SCALE: NTS

- KEYED NOTES (THIS SHEET ONLY)**
- ① OLD INCANDESCENT RETROFIT WITH COMPACT FLUORESCENTS AND THEN 1 X 4 TWO LAMP T-12
 - ② 2X4 T-BAR
 - ③ 2X4 SURFACE
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 - ⑬ 1X4 FLUORESCENT PENDANTS
 - ⑭ NEED JUNCTION BOX COVER AND VERIFY CIRCUIT IS TERMINATED PROPERLY
 - ⑮ CEILING FAN CIRCUITS ARE NOT TERMINATED PROPERLY
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 - ㉟ TELEPHONE BACKERBOARD.
 - ㊱ CABLE BOX DETACHED FROM WALL
 - ㊲ 1X4 VANITY FIXTURE
 - ㊳ 24 SPACE PANEL UNDER AIR HANDLING UNIT.
 - ㊴ FIRE ALARM CONTROL PANEL.



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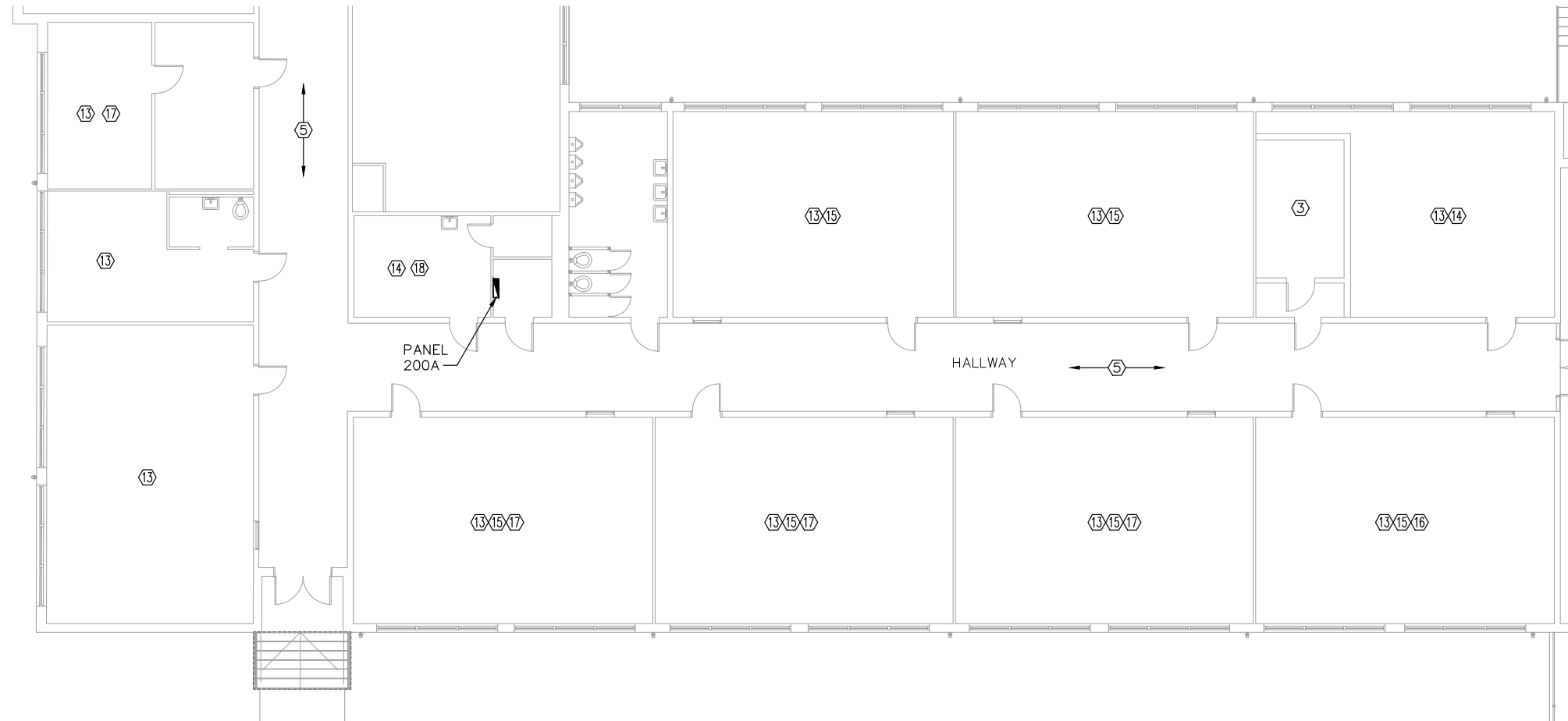
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PROJECT TITLE

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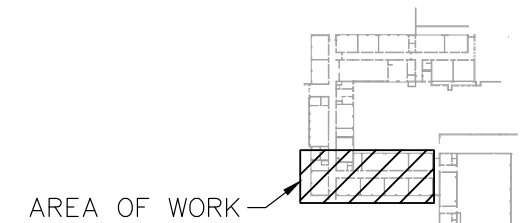
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E103

CAD FILE NAME:
23002E103



CLASSROOM WING
SCALE: NTS

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 - ㊲ 1X4 VANITY FIXTURE
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 - ㊴ FIRE ALARM CONTROL PANEL.



KEYPLAN
SCALE: NONE

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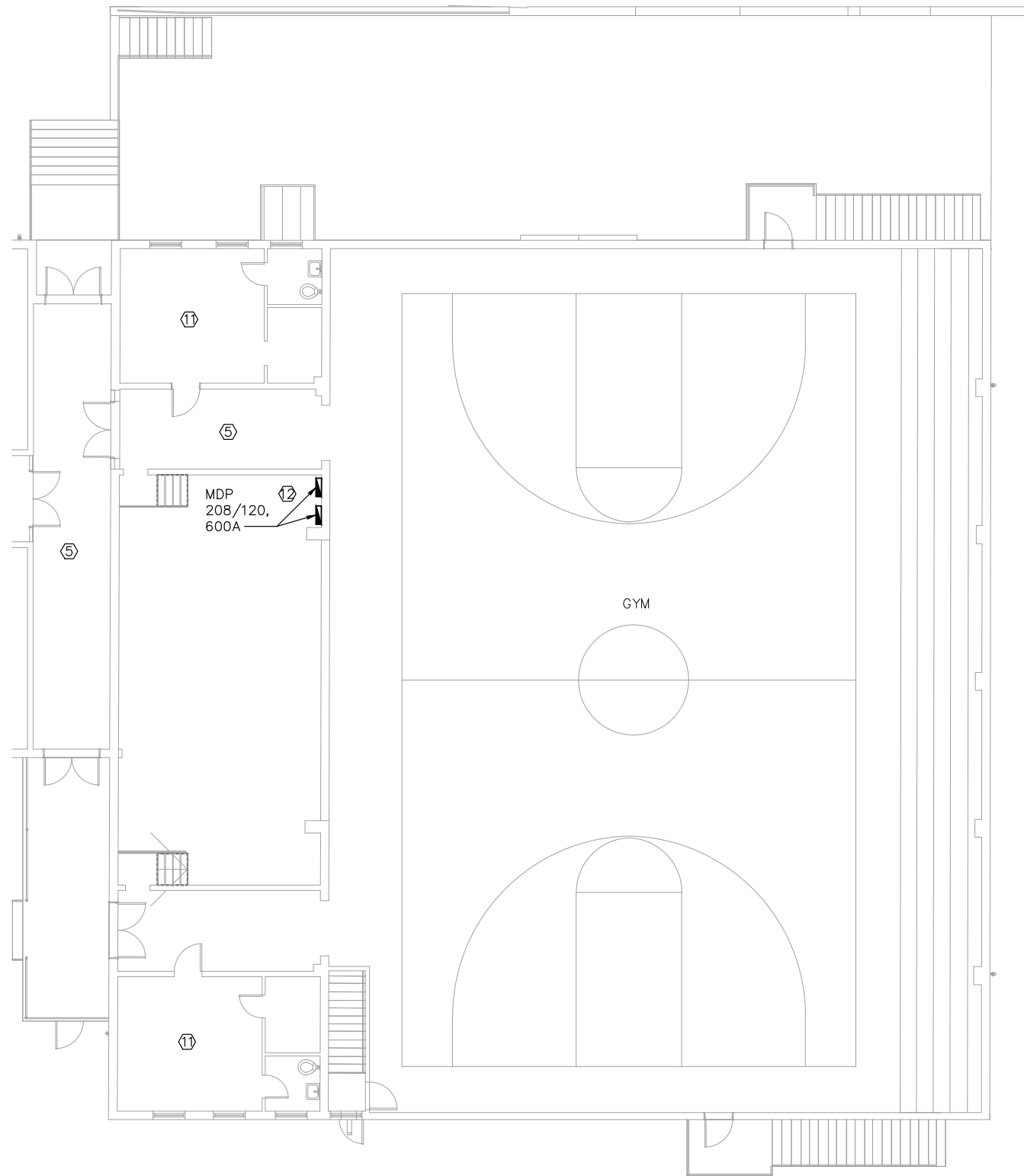
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PROJECT TITLE

CLASSROOM WING
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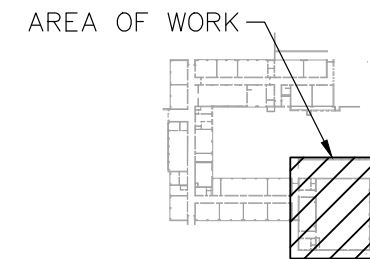
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SHEET NUMBER
E104

CAD FILE NAME:
23002E104



GYM - UPPER LEVEL
SCALE: NTS



KEYPLAN
SCALE: NONE

KEYED NOTES (THIS SHEET ONLY)

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PROJECT TITLE

GYM - UPPER LEVEL
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SCALE:	DATE:
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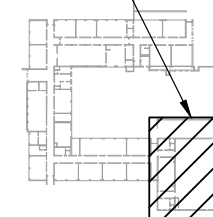
SHEET NUMBER
E105

CAD FILE NAME:
23002E105



GYM - LOWER LEVEL
SCALE: NTS

AREA OF WORK



KEYPLAN
SCALE: NONE

KEYED NOTES (THIS SHEET ONLY)

- ① OLD INCANDESCENT RETROFIT WITH COMPACT FLUORESCENTS AND THEN 1 X 4 TWO LAMP T-12
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- ⑬ 1X4 FLUORESCENT PENDANTS
- ⑭ NEED JUNCTION BOX COVER AND VERIFY CIRCUIT IS TERMINATED PROPERLY
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- ㉝ TWO LAMP X 8' PENDANT.
- ㉞ TWO LAMP X 16' PENDANT.
- ㉟ TELEPHONE BACKERBOARD.
- ㊱ CABLE BOX DETACHED FROM WALL
- ㊲ 1X4 VANITY FIXTURE
- ㊳ 24 SPACE PANEL UNDER AIR HANDLING UNIT.
- ㊴ FIRE ALARM CONTROL PANEL.

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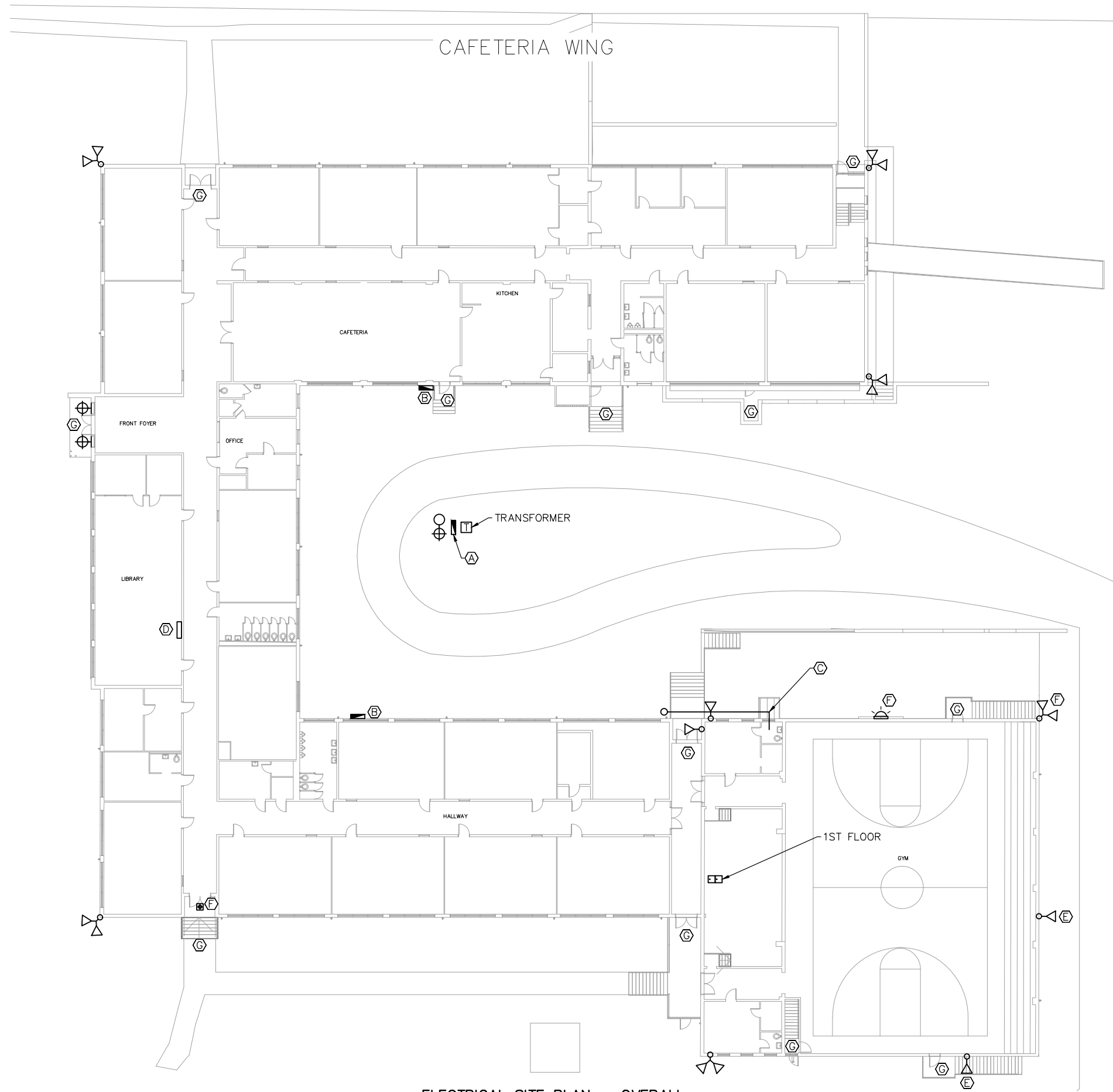
GYM - LOWER LEVEL
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SCALE:	DATE:
AS NOTED	3/17/23

SHEET NUMBER
E106

CAD FILE NAME:
23002E106

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- KEYED NOTES (THIS SHEET ONLY)**
- (A) EXTERIOR DISTRIBUTION PANEL.
 - (B) 225AMP HVAC PANEL.
 - (C) CIRCUIT INSTALLED IN AN UNCONVENTIONAL MANNER.
 - (D) BOILER CONTROLS LOCATED IN BASEMENT.
 - (E) LIGHT FIXTURE HAS BEEN REMOVED AND THE JUNCTION BOX HAS BEEN FILLED WITH CONCRETE.
 - (F) DAMAGED LIGHT FIXTURE.
 - (G) NO EMERGENCY EGRESS LIGHTING.

ELECTRICAL SITE PLAN - OVERALL
SCALE: NTS

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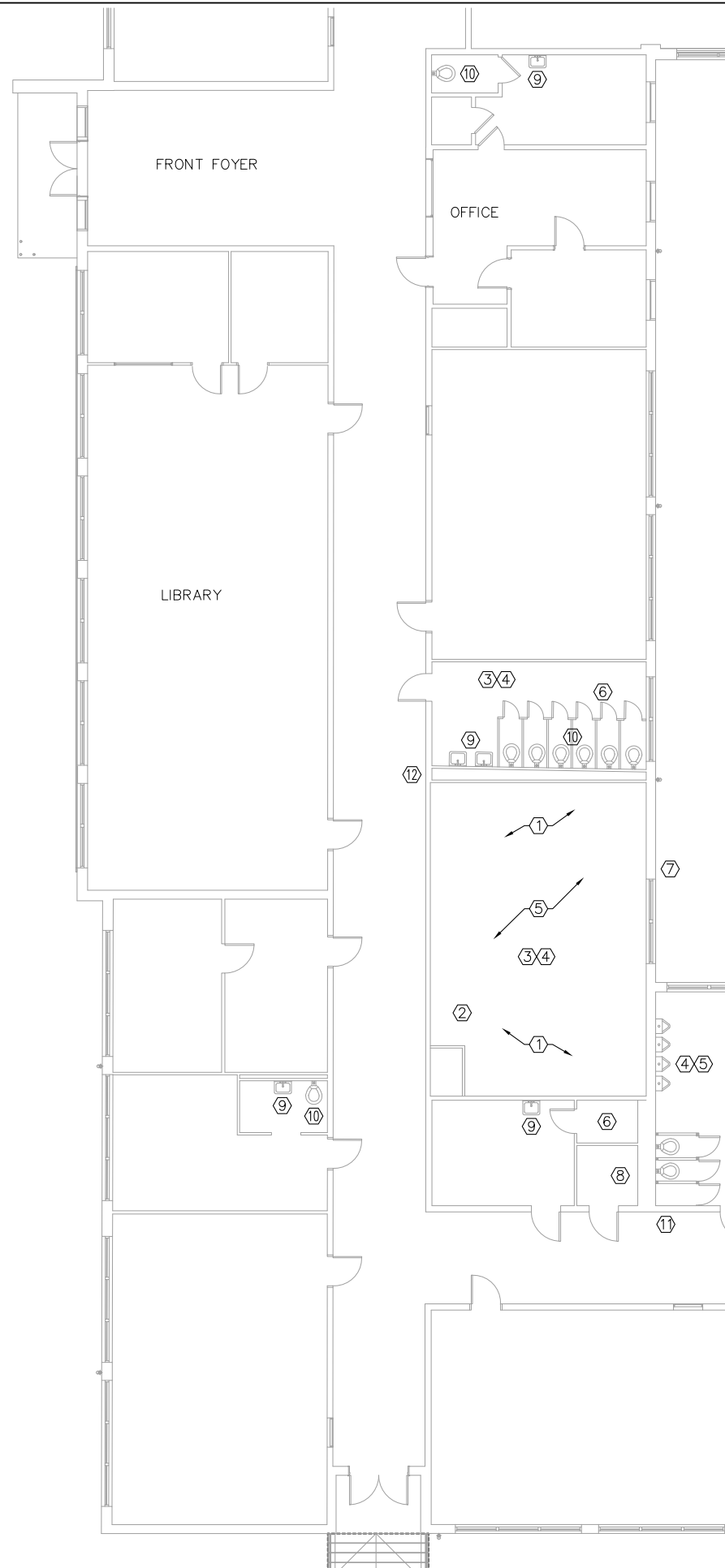
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ELECTRICAL SITE PLAN - OVERALL
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SCALE:	DATE:
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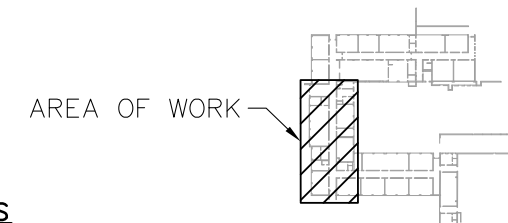
SHEET NUMBER
E301

CAD FILE NAME:
23002E301



- KEYED NOTES (THIS SHEET ONLY)**
- ① FLOOR DRAINS ARE CLOGGED AND NEED TO BE CLEANED.
 - ② 40 GALLON NATURAL GAS WATER HEATER, BY CRAFTMASTER, MFG DATE: 2007. NO DRAIN PAN, EXPANSION TANK, VACUUM BREAKER.
 - ③ MOST OF THE WASTE PIPING FOR THIS AREA IS CAST IRON THOUGH SOME PVC HAS BEEN USED.
 - ④ MOST OF THE DOMESTIC WATER PIPING IN THIS AREA IS COPPER. HOT WATER SYSTEM DOES NOT APPEAR TO BE RECIRCULATED.
 - ⑤ PIPE INSULATION INSTALLED IS IN NEED OF REPLACEMENT OR REPAIR.
 - ⑥ STANDING WATER IN CRAWL SPACE.
 - ⑦ GAS METER FOR BOILER ROOM.
 - ⑧ MOP SINK/FAUCET.
 - ⑨ WALL MOUNTED LAVATORY.
 - ⑩ FLOOR MOUNTED FLUSH VALVE TOILET.
 - ⑪ WALL MOUNTED DRINKING FOUNTAIN. (NON ADA)
 - ⑫ WALL MOUNTED DRINKING FOUNTAIN.

FOYER AND SCHOOL OFFICES
SCALE: NTS



KEYPLAN
SCALE: NONE

EPIC ENGINEERING SOLUTIONS
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GALLMAN CENTER
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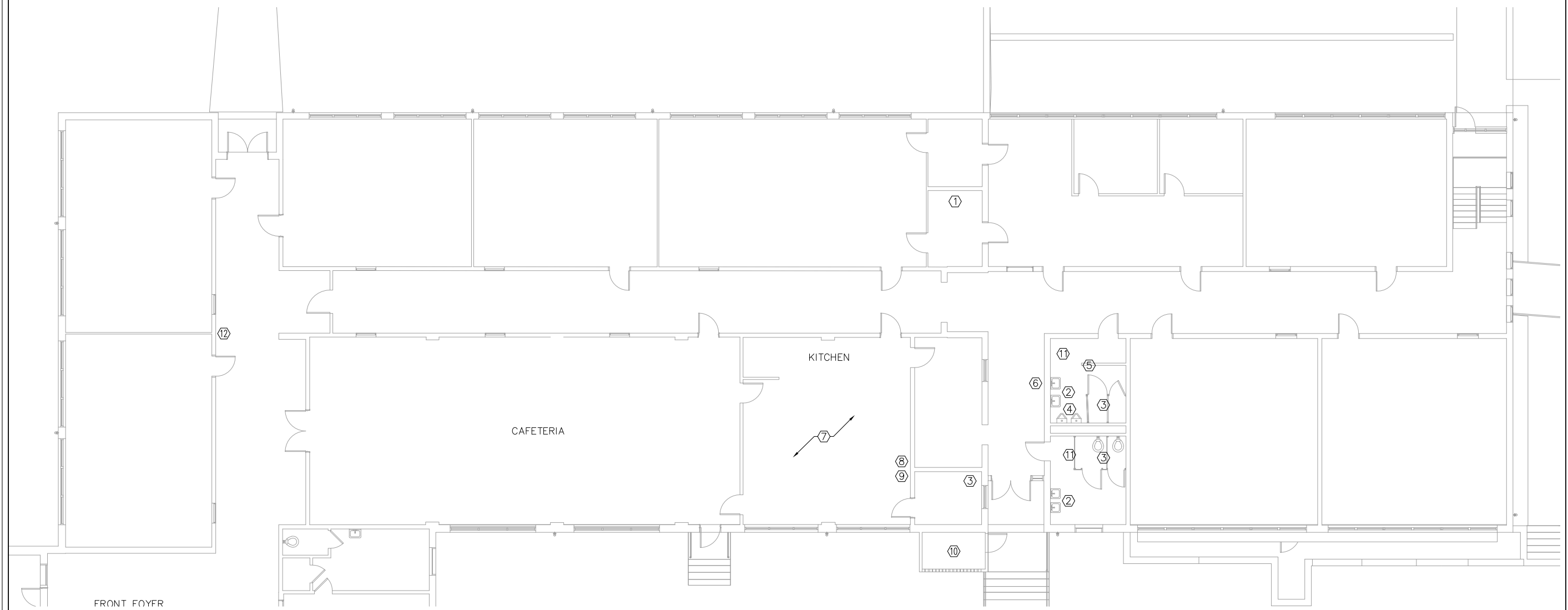
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SHEET NUMBER
P101

CAD FILE NAME:
23002P101

KEYED NOTES (THIS SHEET ONLY)

- ① COUNTERTOP SINK
- ② WALL MOUNTED LAVATORIES.
- ③ FLOOR MOUNTED FLUSH VALVE TOILETS
- ④ WALL MOUNTED FLUSH VALVE URINALS.
- ⑤ FLOOR DRAIN RISES ABOVE TILE FLOOR – TRIP HAZARD.
- ⑥ FLOOR STANDING, DRINKING FOUNTAIN, (NON ADA)
- ⑦ KITCHEN EQUIPMENT NO LONGER INSTALLED. PLUMBING WASTE, HOT AND COLD WATER TAPS IN VARIOUS LOCATIONS.
- ⑧ THREE COMPARTMENT SINK.
- ⑨ MOP SINK.
- ⑩ OUTSIDE CAN WASH
- ⑪ CAST IRON WASTE PIPING BELOW IN BAD CONDITION. PIPE HAS RUSTED THROUGH AND WASTE WILL DISCHARGE INTO CRAWL SPACE.
- ⑫ DRINKING FOUNTAIN LOCATION, FIXTURE REMOVED.



CAFETERIA WING
SCALE: NTS

FRONT FOYFR

CAFETERIA

KITCHEN

AREA OF WORK

KEYPLAN
SCALE: NONE

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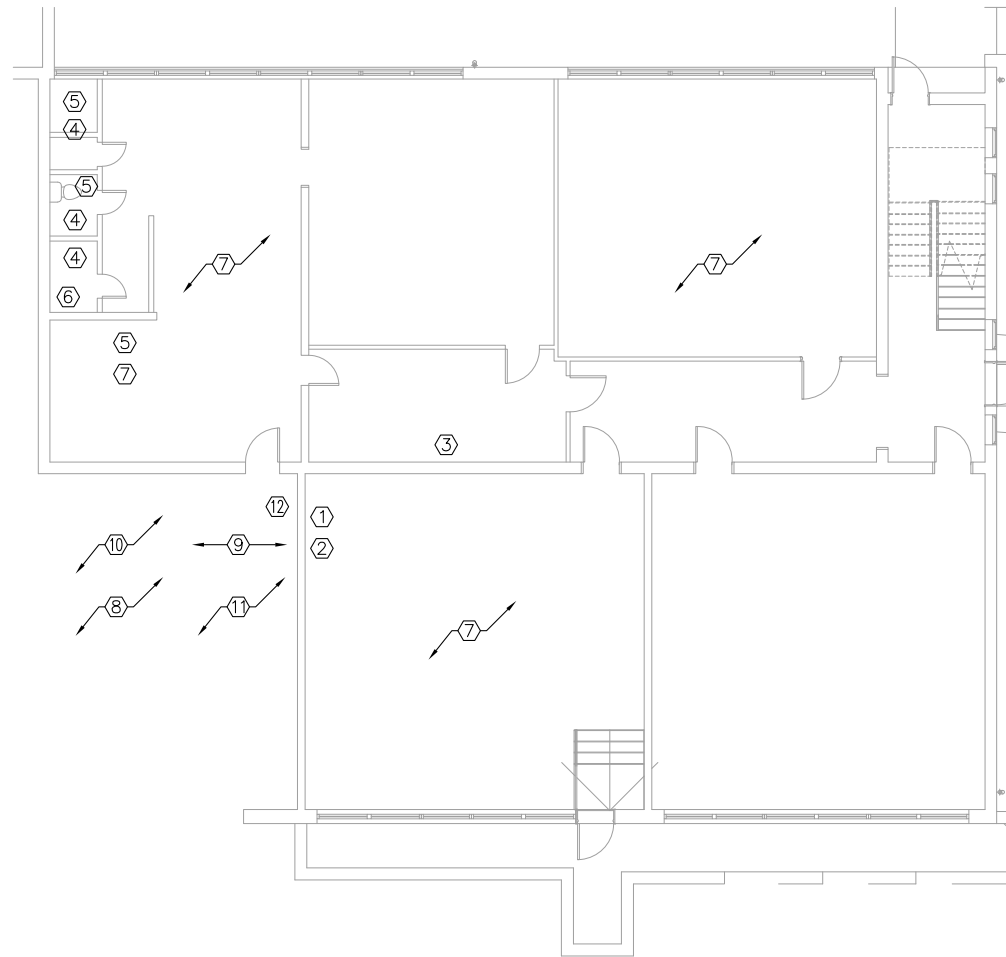
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DATE REVISION:	

GALLMAN CENTER
 NEWBERRY COUNTY, SOUTH CAROLINA
 PROJECT TITLE

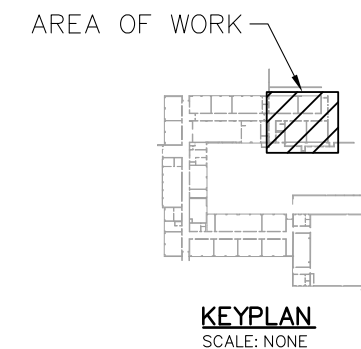
TITLE	DRAWING TITLE
SCALE: 1/16" = 1'-0"	DATE: 3/17/23

SHEET NUMBER
P102

CAD FILE NAME:
23002P102



CAFETERIA WING – LOWER ADDITION
SCALE: NT



- KEYED NOTES (THIS SHEET ONLY)**
- ① COUNTER TOP SINK WITH PEX PIPING AND PVC WASTE PIPING.
 - ② UNDER COUNTER WATER HEATER.
 - ③ FLOOR STANDING WATER COOLER. (NON-ADA)
 - ④ WALL MOUNTED LAVATORY.
 - ⑤ FLOOR MOUNTED FLUSH TANK TOILET.
 - ⑥ TOILET REMOVED, NEW WASTE PIPE THRU WALL TO TRANSITION AT TOILET FLOOR FLANGE.
 - ⑦ EXPOSED WASTE PIPING FOR FLOOR ABOVE IS ALL CAST IRON.
 - ⑧ CAST IRON WASTE PIPING WITH NEWER PVC TIE INS.
 - ⑨ PVC WASTE PIPING NEEDS TO BE REPLACED AND SLOPED PROPERLY. TIES INTO TOILET FLANGE. SEE NOTE 6.
 - ⑩ WATER PIPING IN CRAWL SPACE, NOT INSULATED.
 - ⑪ CAST IRON WASTE PIPING TO GANG TOILETS ABOVE IN NEED OF REPLACEMENT DUE TO RUSTING. METAL FLOOR PAN ALSO RUSTING. NOTE: SOME WASTE PIPING IS COMPLETELY RUSTED THROUGH, DRAINING INTO CRAWL SPACE.
 - ⑫ SUMP PUMP COVERED IN MUD. NEEDS TO BE REPLACED AND INSTALLED CORRECTLY.

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GALLMAN CENTER
 NEWBERRY COUNTY, SOUTH CAROLINA
 PROJECT TITLE

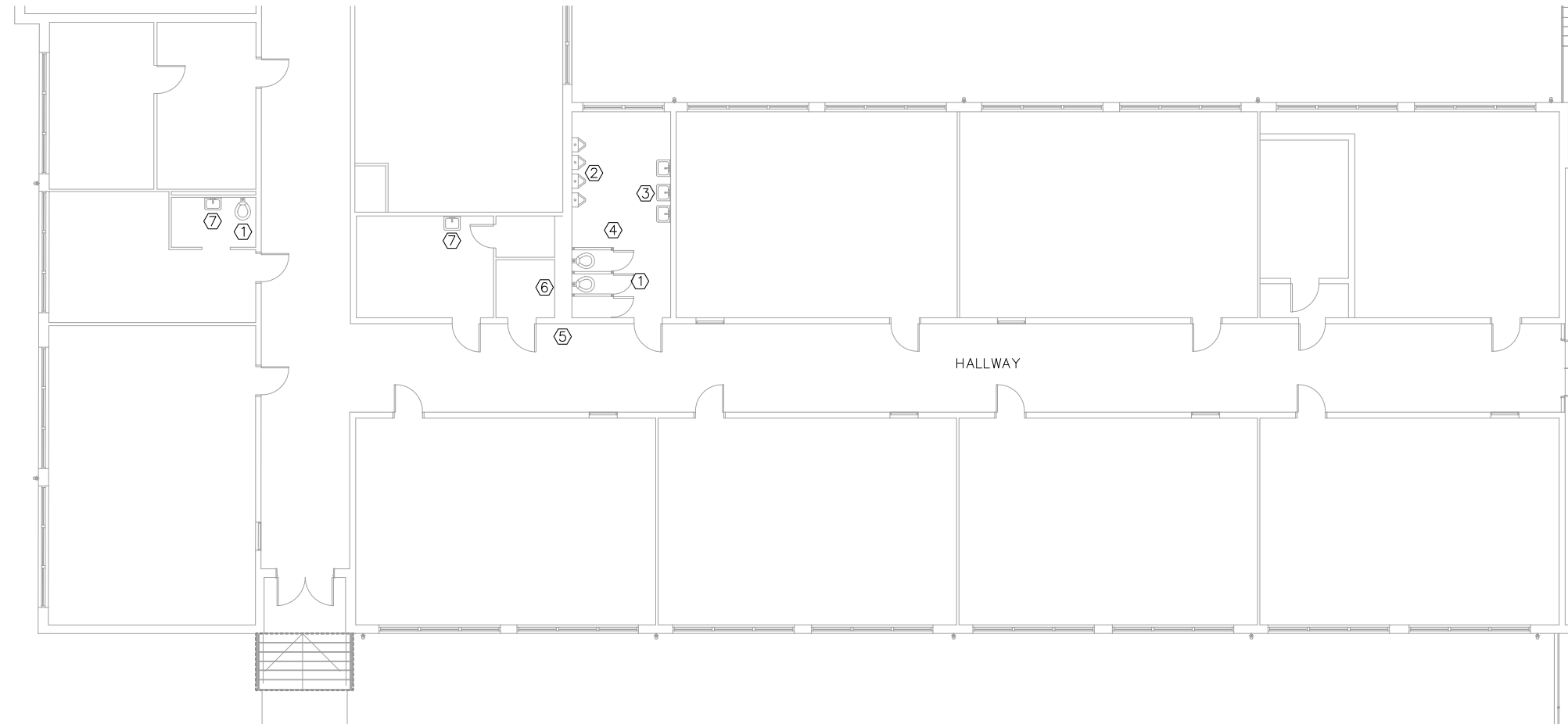
CAFETERIA WING – LOWER ADDITION
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 SCALE: AS NOTED
 DATE: 3/17/23

SHEET NUMBER
P103

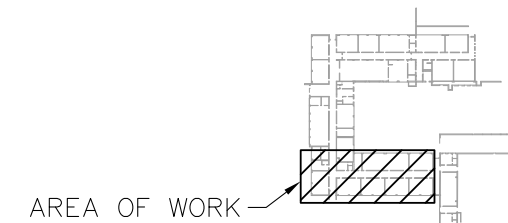
CAD FILE NAME:
23002P103

KEYED NOTES (THIS SHEET ONLY)

- ① FLOOR MOUNTED FLUSH VALVE TOILETS.
- ② WALL MOUNTED URINALS. THREE ARE MISSING.
- ③ WALL MOUNTED LAVATORIES TWO ARE MISSING.
- ④ BATHROOM FLOOR DRAIN RISES ABOVE EXISTING TILE FLOOR – TRIP HAZARD.
- ⑤ WALL MOUNTED DRINKING FOUNTAIN. (NON-ADA)
- ⑥ MOP SINK.
- ⑦ WALL MOUNTED LAVATORY.



CLASSROOM WING
SCALE: NTS



KEYPLAN
SCALE: NONE

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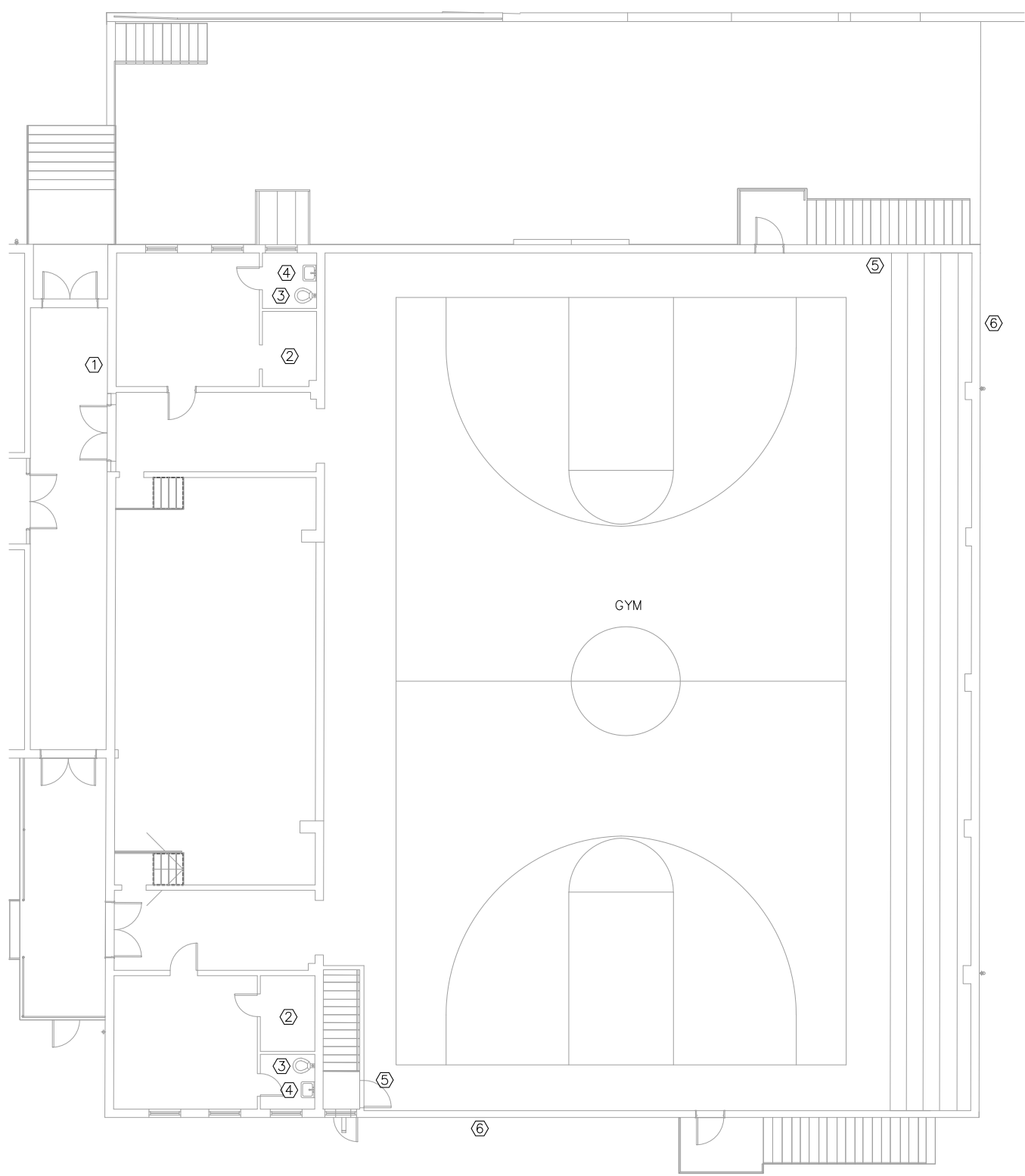
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 PROJECT TITLE

CLASSROOM WING
 DRAWING TITLE

SCALE:	DATE:
AS NOTED	3/17/23

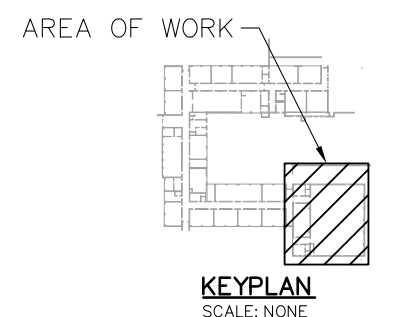
SHEET NUMBER
P104

CAD FILE NAME:
23002P104



GYM - UPPER LEVEL
SCALE: NTS

- KEYED NOTES (THIS SHEET ONLY)**
- ① FLOOR MOUNTED WATER COOLER. (NON-ADA).
 - ② SHOWERS.
 - ③ FLOOR MOUNTED FLUSH VALVE TOILET.
 - ④ WALL MOUNTED LAVATORY.
 - ⑤ GAS PIPING TO SUSPEND FAN FORCED HEATER.
 - ⑥ GAS METER. (AT GRADE, LEVEL).



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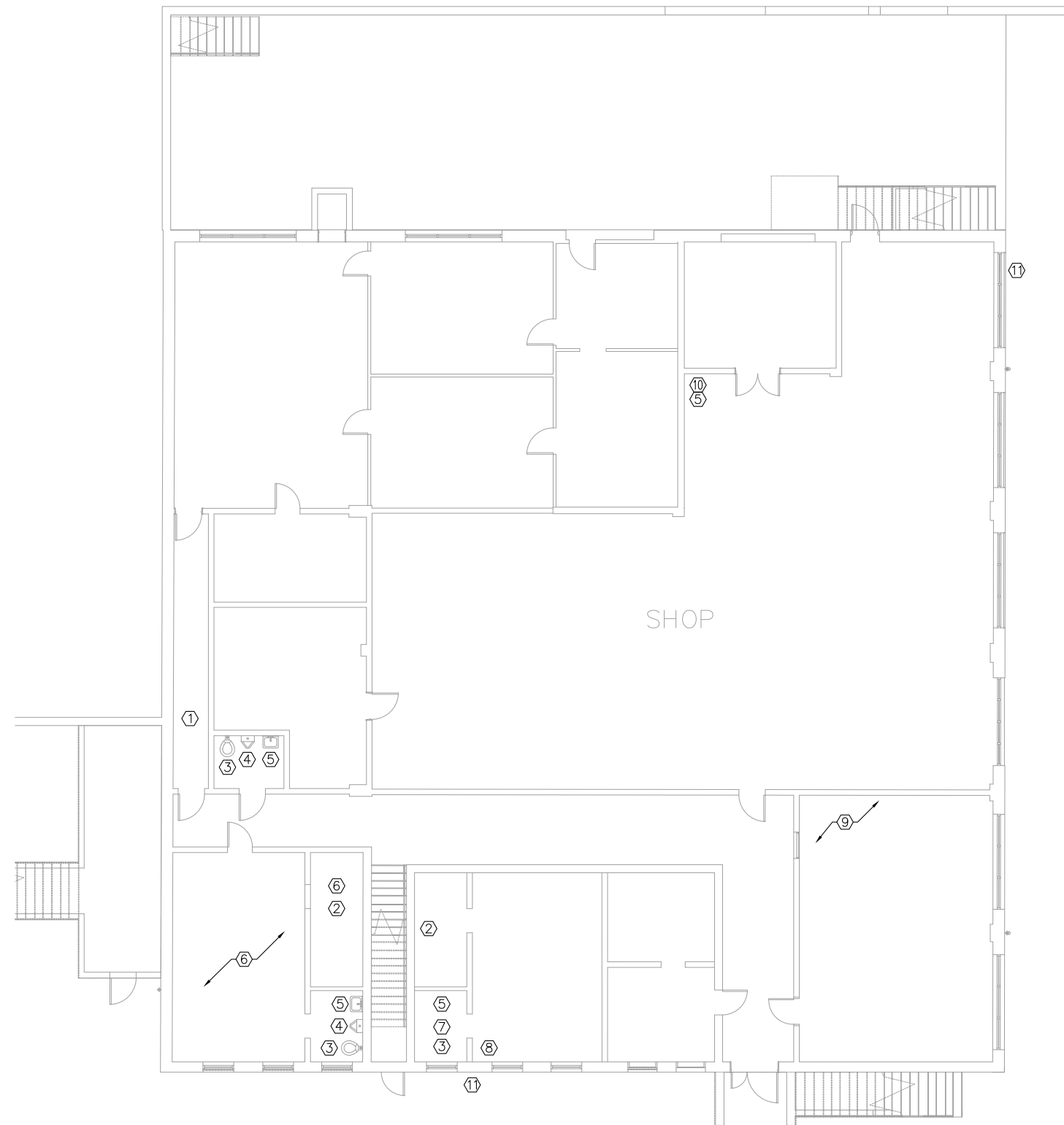
GALLMAN CENTER
NEWBERRY COUNTY, SOUTH CAROLINA
PROJECT TITLE

GYM - UPPER LEVEL
DRAWING TITLE

SCALE:	DATE:
AS NOTED	3/17/23

SHEET NUMBER
P105

CAD FILE NAME:
23002P105



GYM - LOWER LEVEL
SCALE: NTS

- KEYED NOTES (THIS SHEET ONLY)**
- ① WASTE CLEAN OUT, CAP ABOVE FINISHED CONCRETE FLOOR ELEVATION - TRIP HAZARD.
 - ② SHOWERS.
 - ③ FLOOR MOUNTED FLUSH VALVE TOILET.
 - ④ WALL MOUNTED FLUSH VALVE URINAL.
 - ⑤ WALL MOUNTED LAVATORY.
 - ⑥ CLOGGED FLOOR DRAINS - NEED TO BE CLEANED OUT.
 - ⑦ URINAL REMOVED.
 - ⑧ PAST WATER HEATER LOCATION - NOT INSTALLED.
 - ⑨ COMPRESSED AIR REGULATOR/QUICK CONNECTS.
 - ⑩ WALL MOUNTED WATER COOLER.
 - ⑪ GAS REGULATOR/METER.

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GALLMAN CENTER
 NEWBERRY COUNTY, SOUTH CAROLINA
 PROJECT TITLE

GYM - LOWER LEVEL
 DRAWING TITLE

SCALE: AS NOTED	DATE: 3/17/23
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SHEET NUMBER
P106
 CAD FILE NAME:
23002P106

