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REPORT OF
PHASE I ENVIRONMENTAL SITE ASSESSMENT

FORMER GALLMAN SCHOOL
NEWBERRY, SOUTH CAROLINA

PREPARED FOR

CITY OF NEWBERRY
P.O. BOX 538
NEWBERRY, SOUTH CAROLINA 29108

JANUARY 4, 2024

synTerra
Science & Engineering Consultants
148 River St., Suite 220, Greenville, SC 29601 | 864.421.9999

VIA EMAIL TO: jdwicker@cityofnewberry.com

January 4, 2024

Mr. Jeffrey Wicker
City of Newberry
P.O. Box 538
Newberry, South Carolina 29108

Reference: **Report of Phase I Environmental Site Assessment**
Former Gallman School
Newberry, South Carolina

Dear Mr. Wicker:

As authorized by your acceptance of our proposal dated October 10, 2023, SynTerra Corporation (SynTerra) is pleased to submit this *Report of Phase I Environmental Site Assessment* pertaining to the above-referenced site. This report presents the results of our Phase I Environmental Site Assessment (ESA) conducted in general accordance with ASTM International's Standard Practice E1527-21 and the All Appropriate Inquiries rule for a Phase I ESA. This assessment has revealed no recognized environmental conditions (RECs), controlled recognized environmental conditions (CRECs), or significant data gaps in connection with the subject property:

Please review the following report in its entirety for more information regarding our findings and opinions for the property. SynTerra appreciates the opportunity to be of service to you. Please contact me at either (919) 858-9898 or ehamo@synterracorp.com if you have any questions.

Sincerely,

SynTerra

Evan M. Hamo
Project Scientist

Senior Peer Review

Thomas S. Dunham, P.G.
Senior Geologist

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LIST OF ACRONYMS

AAI	All Appropriate Inquiries
AST	Aboveground Storage Tank
AULs	Activity and Use Limitations
BFA	Brownfields Agreement
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
COC	Constituent of Concern
CREC	Controlled Recognized Environmental Condition
EPA	Environmental Protection Agency
ERIS	Environmental Risk Information Services
ESA	Environmental Site Assessment
LAST	Leaking Aboveground Storage Tank
LQG	Large Quantity Generator of Hazardous Waste
LST	Leaking Storage Tank (aboveground and underground)
LUST	Leaking Underground Storage Tank
msl	Mean Sea Level
NFRAP	No Further Remedial Action Planned
PAH	Polynuclear Aromatic Hydrocarbon
PCB	Polychlorinated Biphenyl
PCE	Perchloroethene
PFAS	Per- and Polyfluoroalkyl Substances
POTW	Publicly Owned Treatment Works
RCR	Registry of Control Remedies
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
SCDHEC	South Carolina Department of Health and Environmental Control
SQG	Small Quantity Generator of Hazardous Waste
SVOC	Semivolatile Organic Compound
TCE	Trichloroethene
USDA	United States Department of Agriculture
USGS	United States Geological Survey
UST	Underground Storage Tank
VCP	Voluntary Cleanup Program
VOC	Volatile Organic Compound

1.0 EXECUTIVE SUMMARY

SynTerra Corporation (SynTerra) conducted a Phase I Environmental Site Assessment (ESA) of the Former Gallman School property in Newberry, Newberry County, South Carolina. The subject property comprises 3.54 acres and is developed with one school building and two trailers. The subject property is ½ mile south of downtown Newberry in an area that is primarily developed for residential use.

SynTerra reviewed the history of the site using available references provided by Environmental Information Services (ERIS) dating back to 1921. The property was undeveloped until 1955 when it was developed with a school. An addition was built onto the northern portion of the school in 1957. A trailer was constructed east of the school in 1970. By 2011 the trailer was no longer present and two new trailers were placed east of the school building.

ERIS reviewed environmental lists published by federal and state agencies for sites on environmental lists within the search distances recommended in ASTM International's Standard Practice E1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (E1527-21). ERIS did not identify the subject property on the lists they reviewed.

Off-site, ERIS identified five sites on the leaking underground storage tank (LUST) list, two sites on the site assessment section project list (SASPL) list and four sites on the Brownfields list within ½ mile of the subject property. SCDHEC has closed three of the five sites on the LUST list. Based on a review of the topographic map, site observations, and apparent groundwater flow direction, the remaining LUST sites do not represent a REC for the subject property.

SynTerra conducted a Phase I Environmental Site Assessment of the Former Gallman School property in general conformance with the scope and limitations of ASTM Practice E1527-21 and 40 CFR Part 312. Any exceptions to, or deletions from, this practice are described in **Section 2.4** of this report. This assessment has revealed no RECs, CRECs, or significant data gaps in connection with the subject property:

2.0 INTRODUCTION

2.1 Purpose

The purpose of this Phase I ESA is to evaluate commercial real estate with respect to the range of contaminants within the scope of CERCLA and petroleum products as required by the EPA's AAI final rule codified in 40 CFR Part 312, "Standards and Practices for All Appropriate Inquiries". ASTM International published E1527-21, which is intended to fulfill the requirements of 40 CFR Part 312 and to assist the user in qualifying for the "bona fide prospective purchaser" liability protection pursuant to Sections 101(40) and 107(r) of the CERCLA and 40 CFR Section 312.1(b)(1)(ii). As defined in 42 USC § 9601(35) (B), the practice has been designed to satisfy the requirement for "appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice". E1527-21 is consistent and compliant with the All Appropriate Inquiries (AAI) final rule.

All appropriate inquiry includes the identification of RECs. E1527-21 defines an REC as (1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment. De minimis conditions are not RECs.

An evaluation of business environmental risk associated with a parcel of commercial real estate commonly necessitates an investigation of substances and/or materials that may be present and that may lead to contamination but do not meet CERCLA's definition of a hazardous substance. This evaluation is beyond the scope of work identified in E1527-21. The scope of work requested for this project is described in the following section.

2.2 Detailed Scope of Services

As requested by Mr. Jeff Wicker with the City of Newberry, SynTerra conducted a Phase I ESA of the subject property. SynTerra conducted the Phase I ESA tasks in general accordance with the requirements of E1527-21 and the AAI rule as follows:

- review of the public record,
- on-site reconnaissance,
- interviews and data evaluation, and
- preparation of this report.

2.3 Significant Assumptions

SynTerra did not make significant assumptions during this Phase I ESA.

2.4 Limitations and Exceptions

Our findings and opinions are relative to the date of our sitework and should not be relied on to represent conditions on other dates. These opinions are based on information obtained during the study and our experience. If additional information becomes available which might change our conclusions, we request the opportunity to review the information, reassess the potential concerns, and modify our opinions, if warranted.

Although this assessment has attempted to identify the potential for environmental impacts to the subject property, potential sources of contamination may have escaped detection due to (1) the limited scope of this assessment, (2) the inaccuracy of public records, (3) the presence of undetected or unreported environmental incidents, (4) inaccessible areas, (5) the ability of contaminants to migrate in the subsurface, and/or (6) deliberate concealment of detrimental information. We note that no environmental site assessment can wholly eliminate uncertainty regarding the potential for RECs in connection with a site. The performance of this practice is intended to reduce uncertainty regarding the potential for RECs concerning the subject property, recognizing that there are reasonable limits of time and cost.

The scope of work for a Phase I ESA is not intended to test for the presence of soil, groundwater or vapor-phase contamination or waste emplacement on the subject property. Such a determination would require subsurface exploration and sampling activities, which were beyond the scope of services for this Phase I ESA.

2.5 Special Terms/Conditions

The terms and conditions for our services are those in contract P0.5633.16 which the City of Newberry accepted on October 10, 2023.

2.6 User Reliance

The opinions in this report are solely for the benefit of the City of Newberry. SynTerra makes no representation for its use by other third parties as a Phase I ESA. The viability of a Phase I ESA is presumed valid as specified in Section 4.6 of E1527-21. The AAI rule states that reports older than 1 year cannot be used and that certain information in the report that is more than 6 months old must be updated.

2.7 Location and Legal Description

The subject property address is 540 Brantley Street, Newberry, Newberry County, South Carolina. Newberry County identifies the parcel as property identification number 343-8-8-21 encompassing 3.54 acres. The county website shows the property is owned by the Building Thriving Communities.

3.0 USER-PROVIDED INFORMATION

3.1 Title Records

SynTerra was not provided with title records for the subject property.

3.2 Environmental Liens or Activity and Use Limitations

Jeffrey Wicker for the City of Newberry completed a User Questionnaire (**Appendix A**) and wrote that he was not aware of environmental liens and AULs.

3.3 Specialized Knowledge

Mr. Wicker reported in the User Questionnaire that he did not have specialized knowledge related to the property.

3.4 Commonly Known or Reasonably Ascertainable Information

Mr. Wicker wrote in the use questionnaire that the property served as the African American high school during segregation. It was later converted into an elementary school before being closed by the school district. After it was closed, it later served as a building for social programs like adult education. Mr. Wicker attached City of Newberry Fire Department inspections and a summary of calls from 1995 to present.

3.5 Valuation Reduction for Environmental Issues

Mr. Wicker wrote in the User Questionnaire that the purchase price reasonably reflects the fair market value of the property.

3.6 Owner, Property Manager, and Occupant Information

SynTerra spoke to Dr. Joe McDonald, the representative of Building Thriving Communities Foundation, the property owner. Dr. McDonald was not aware of environmental concerns associated with the subject property (**Appendix B**).

3.7 Reason for Performing Phase I ESA

It is SynTerra's understanding that, using federal funds, the City of Newberry may rehabilitate the subject property.

4.0 SITE RECONNAISSANCE

4.1 Methodology and Limiting Conditions

Evan Hamo of SynTerra conducted the site visit on October 16, 2023. Weather conditions at the time of the site visit were clear and mild. Mr. Hamo conducted the site visit by walking outside the perimeter of the property and then through the interior of the buildings. He was accompanied by Dr. Joe McDonald, a representative of the property owner, on the site visit. Photographs of pertinent site features observed during the site visit are in **Appendix C** and field notes are in **Appendix D**.

4.2 General Site Setting

The subject property is located ½ mile south of downtown Newberry, (**Figure 1**). The subject property is bound (**Figure 2**):

- to the north by Brantley Street and Landford Street, across which is single-family residences (Photograph No. 27);
- to the east by McSwain Street followed by single-family residences and Dr. Ulysses S. Grant Gallman Park (Photograph No. 28);
- To the south by McSwain Street, across which is the Municipal Training Center (Photograph No. 29);
- To the west by McSwain Street and Brantley Street, across which is single-family residences and undeveloped wooded land (Photograph No. 30).

4.3 Exterior Observations

SynTerra observed the exterior of the property. A school building is located on the property (Photograph No. 1) with a gymnasium connected on the southern portion of the building (Photograph No. 2). An open courtyard is located in the center of the building. Two solid waste dumpsters were located in the central portion of the courtyard (Photograph No. 3). The dumpsters were empty. An empty propane cannister cage was observed in the courtyard (Photograph No. 4). Two trailers are located on the eastern side of the property (Photograph No. 5). A natural-gas connection is located near the trailers (Photograph No. 6).

A pad-mounted transformer was observed at the center of the school courtyard (Photograph No. 7). the transformer was not marked to indicate PCB content. The Toxic Substances Control Act (TSCA) defines a transformer as PCB-contaminated until testing proves otherwise. TSCA defines a PCB-contaminated transformer as one with dielectric fluids that contain between 50 and 500 parts per million PCBs. We did not observe evidence of leakage on the transformer casings or the ground or pads beneath them.

4.4 Interior Observations

SynTerra observed the interior of the school (Photograph No. 8). The school is of concrete masonry block and brick construction with a partial basement. The interior of the school contains floor tile, carpet, acoustic tiles, and concrete masonry unit block (Photograph No. 9). Many of the school building classrooms have carpeted floors (Photograph No. 10). Most of the classrooms contain desks, blackboards, and other furniture (Photograph No. 11). Window-mounted air conditioning units are installed in each classroom. Baseboard heaters are located throughout the building. A kitchen was observed with a tile floor, several floor drains, a sink (Photograph No. 12), restroom and a pantry (Photograph No. 13).

The gymnasium has a hardwood floor and a drop ceiling with acoustic tile (Photograph No. 14). Drop-down radiant heaters are located on the ceiling (Photograph No. 15). A stage is located along the northwestern side of the gymnasium (Photograph No. 16). The basement of the gymnasium contains a shower room and a locker room with a floor drain (Photograph No. 17 and No. 18). Several rooms used for workshop spaces are located adjacent to the shower room (Photograph No. 19).

A workshop is located beneath the gymnasium (Photograph No. 20). The shop area is heated with drop-down radiant heaters (Photograph No. 21). The shop area contained work benches, furniture and a variety of tools and equipment (Photograph No. 22). SynTerra observed several 5-gallon containers of hazardous materials including denatured alcohol, paint thinner, methyl ethyl ketone, and various other flammable liquids, lacquers, and paints (Photograph No. 23). The containers were staged either directly onto the concrete floor or on a wooden pallet (Photograph No. 24). No evidence of staining was observed on the floor.

The boiler room is located in the basement; however the door was locked during site reconnaissance and the boiler room could not be observed. According to Dr. McDonald the boiler is powered by natural gas.

SynTerra observed the interior of the trailers. The trailers are of wood frame construction. The trailer closest to the school contained a small office space (Photograph No. 25). The trailer furthest from the school was filled with spare desks and office cubicles (Photograph No. 26). Both trailers contained restrooms and were connected to the sanitary sewer.

5.0 RECORDS REVIEW

5.1 Physical Setting Sources

The topographic map (**Figure 1**) shows the elevation of the subject property is approximately 490 feet above mean sea level (msl). Based on review of this map, we expect groundwater in the surficial aquifer to flow south, towards an unnamed tributary of the Bush River.

The *Geological Map of South Carolina* shows the subject property is underlain by Ordovician to Neoproterozoic-aged felsic metavolcanic rocks. The *Soil Survey of Newberry County* shows the soil type at the subject property is Urban Land-Cecil-Santuc complex, 2 to 10 percent slopes. This soil type is moderately well drained and the depth to the water table is about 18 to 36 inches.

Flood Insurance Rate Map 45071C0238C does not show the subject property within a flood zone. The National Wetlands Inventory map does not show potential wetlands on the property.

5.2 Historical Use Information on the Property

SynTerra reviewed historical use information to establish the property history. ERIS provided aerial photographs (**Appendix E**), topographic maps (**Appendix F**), and city directories (**Appendix G**), and Sanborn Fire Insurance Maps (**Appendix H**).

The Aerial photograph from 1941 shows the subject property as agricultural land. The aerial photograph from 1951 shows the subject property as vacant land. Aerial photograph from 1961 shows the subject property developed with the current school building and gymnasium. Aerial photographs from 1970 through 2006 show a trailer and walkway constructed to the southeast of the building. Aerial photographs from 2011 to 2021 show the original trailer is no longer present and two trailers have been placed to the southeast of the building with an additional walkway.

The topographic maps from 1968 show the subject property and Gallman High School. The topographic maps from 2014, 2017, and 2020 are editions that do not show buildings, and thus do not provide historic information.

The Fire Insurance Maps from 1923 and 1948 show the subject property as undeveloped. The map from 1959 show the school building on the subject property. The map labels the gymnasium and indicates the additional was constructed in 1957.

ERIS reviewed city directories beginning in 1921 and ending in 2022. The city directories do not list the subject property in 1921. City directories from 1969 through 1977 list the subject property as Gallman High School. City directories from 1981 through 2003 list the subject property as Gallman Elementary School. City directories from 2007 to 2022 list the subject property as Learning Center Newberry County.

5.3 Historical Use Information on Adjoining Properties

SynTerra reviewed the historical sources referenced in **Section 5.2** to establish the history of the properties that adjoin the subject property. The references show that these properties have been developed primarily for residential and commercial uses.

Adjoining	Description
North	• Residential – 1941 to present
East	• Vacant – 1941 to 1961 • Park and residential – 1970 to present
South	• Agricultural – 1941 to 1951 • Institutional – 1961 to present
West	• Agricultural – 1941 • Residential – 1951 to present

5.4 Regulatory Records Review

ERIS reviewed environmental lists published by federal and state agencies for sites that are contaminated or exhibit potential for contamination due to the generation or handling of hazardous materials and petroleum products. They reviewed these lists to identify sites within the search distances recommended in E1527-21. The ERIS report is in **Appendix I**.

ERIS did not identify the subject property on the lists they reviewed.

Off-site, ERIS identified five sites on the LUST list, two sites on the SASPL list and four sites on the Brownfields list within ½ mile of the subject property. SCDHEC has closed three of the five sites on the LUST list. Based on a review of the topographic map, site observations, and apparent groundwater flow direction, the remaining LUST sites do not represent a REC for the subject property.

6.0 INTERVIEWS

6.1 Interview with Owner

SynTerra interviewed Dr. Joe McDonald, a representative of the property owner. According to Dr. McDonald, the school was constructed in 1954, which included a gymnasium. He also stated that a two-story extension of the high school was constructed in 1957. He stated that the northeastern wing of the school building is the extension. Dr. McDonald stated that the school operated as a high school for many years. He stated that it became an elementary school before the school was closed. Dr. McDonald stated that more recently, the school has been used as a location where community events and learning opportunities are held for the local community. He stated that the school building was connected to municipal natural gas, sewer, and electric utilities. The trailers were connected to municipal sewer and electric. During site reconnaissance the door to the boiler room was locked. Dr. McDonald stated that he did not have the key, however he stated that a Building Condition Assessment report had recently been completed on the building and additional information could be found in the report (**Appendix B**).

6.2 Interview with Site Manager

The building was vacant at the time of the site reconnaissance.

6.3 Interviews with Occupants

The subject property was unoccupied at the time of the site reconnaissance.

6.4 Interviews with Local Government Officials

Jeff Wicker, with the City of Newberry sent SynTerra fire department records related to the subject property. The reports document responses to fire alarms in 2004, 2006, 2008, and 2012. A response to a small brush fire was documented in 2010. The reports did not document the release of petroleum products or hazardous waste. Mr. Wicker also provided SynTerra with a copy of a Building Condition Assessment report dated March 24, 2023, completed by Mosely Architects. The report contains information about the structural condition of the building. The report indicates that the boiler is powered by natural gas. The boiler directs steam to radiant heaters and drop-down radiant heaters throughout the building. A hazardous materials assessment report is included in the Building Condition Assessment. The hazardous materials assessment report dated January 9, 2023, and prepared by S&ME identified several suspect asbestos containing materials throughout the building including floor tile in the classrooms and hallways and pipe insulation beneath the gym and in the shop area. Lead based paint was identified in the ceramic walls in the men and women’s restrooms. The report stated that

approximately 51 light ballasts are presumed to contain polychlorinated biphenyls (PCBs). The report states that 352 fluorescent bulbs of varying types were observed throughout the building. These types of light bulbs contain low levels of mercury. Two thermostats were observed in the cafeteria. (**Appendix B**).

SynTerra submitted a FOIA request to the SCDEHC requesting any environmental documentation related to hazardous waste storage or spills related to the subject property. SCDHEC provided several reports of asbestos abatement performed on pipe insulation, floor tile and tile mastic, and other asbestos containing materials inside the building (**Appendix B**).

7.0 NON-SCOPE SERVICES

Per- and polyfluoroalkyl substances (PFAS) are a group of manufactured chemicals that have been used in industry and consumer products since the 1950s. They have been used in the manufacturing of water-repellent products such as stain-resistant fabrics, in metal plating operations, as firefighting foams, and in other processes, some of which produce discharges to wastewater treatment systems. PFAS substances are considered “emerging contaminants” and are referenced in E1527-21 as “substances about which human understanding is evolving.” However, PFAS substances are not yet considered hazardous under CERCLA 42 U.S.C. § 9601 (14), and therefore, E1527-21 considers PFAS compounds to be a non-scope consideration for Phase I ESAs.

SynTerra reviewed SCDHEC data mapping tools used to look for permitted wastewater treatment systems. This database can be found at: https://sc-department-of-health-and-environmental-control-gis-sc-dhec.hub.arcgis.com/search?categories=permits%2Cwaterdata. An online search of SCDHEC non-discharge permits that would be indicative of land application activities, including possible disposal of wastewater treatment plant sludge (which contains PFAS), was performed for the subject property. No evidence was found of non-discharge permits on the subject property. A search of historical aerial photographs provided by ERIS did not find evidence of wastewater treatment plant sludge applications.

8.0 FINDINGS AND OPINIONS

8.1 Findings

- ERIS did not identify the subject property on the lists they reviewed.
- Off-site, ERIS identified five sites on the LUST list, two sites on the SASPL list and four sites on the Brownfields list within ½ mile of the subject property.
- The building contains a boiler room with a natural gas-powered boiler.
- Several floor drains were observed in the kitchen area, shower room and former locker room.

- Several containers of hazardous substances were observed in the shop area of the building. Containers were staged directly on the concrete floor as well as on a pallet.
- Several containers of hazardous materials were observed in the shop space staged on the floor and on a wooden pallet.

8.2 Opinions

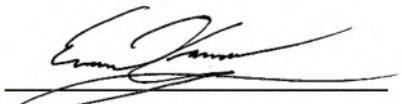
- SCDHEC has closed three of the five sites on the LUST list. Based on a review of the topographic map, site observations, and apparent groundwater flow direction, the remaining LUST sites do not represent a REC for the subject property.
- The presence of a natural gas-powered boiler does not represent an REC.
- The presence and conditions of the floor drains do not represent an REC.
- SynTerra did not observe evidence of leaks or stains beneath the containers of hazardous materials located in the shop area. The presence of the containers does not represent an REC.
- It is SynTerra's opinion that there is no technical evidence to support the need for further assessment.

9.0 CONCLUSIONS

We have conducted a Phase I Environmental Site Assessment in general conformance with the scope and limitations of ASTM Practice E1527-21 of the Former Gallman School property, the subject property. Any exceptions to, or deletions from, this practice are described in **Section 2.4** of this report. This assessment has revealed no RECs, CRECs, or significant data gaps in connection with the subject property.

10.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL

I declare that, to the best of our professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR §312 and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. The resume for Mr. Hamo is in **Appendix J**.



Evan M. Hamo
Project Scientist

11.0 REFERENCES

40 Code of Federal Regulations Part 312, Standards and Practices for All Appropriate Inquiries; Final Rule.

42 United States Code §9601 *et seq*, Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA) and Small Business Liability Relief and Brownfields Revitalization Act of 2002 (Brownfields Amendments)

42 United States Code §9601 *et seq,* Resource Conservation and Recovery Act as amended (RCRA).

Flood Insurance Rate Map 45071C0238C, effective September 16, 2011, reviewed on-line at https://msc.fema.govational Wetlands Inventory map, reviewed on-line at www.fws.gov/wetlands/data/mapper.html

Geological Map of South Carolina, published by the South Carolina Geological Survey, 2022.

Newberry East, SC 7.5-minute topographic map, U.S. Geological Survey, 2020

Soil Survey of Newberry County, South Carolina, United States Department of Agriculture, Natural Resources Conservation Service, reviewed on-line at http://websoilsurvey.nrcs.usda.gov

Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process: ASTM International Designation E1527-21, West Conshohocken, Pennsylvania, November 2021

U.S. Fish and Wildlife Service, National Wetlands Inventory (Wetlands Mapper), viewed on-line at www.fws.gov/wetlands/data/mapper.html

FIGURES

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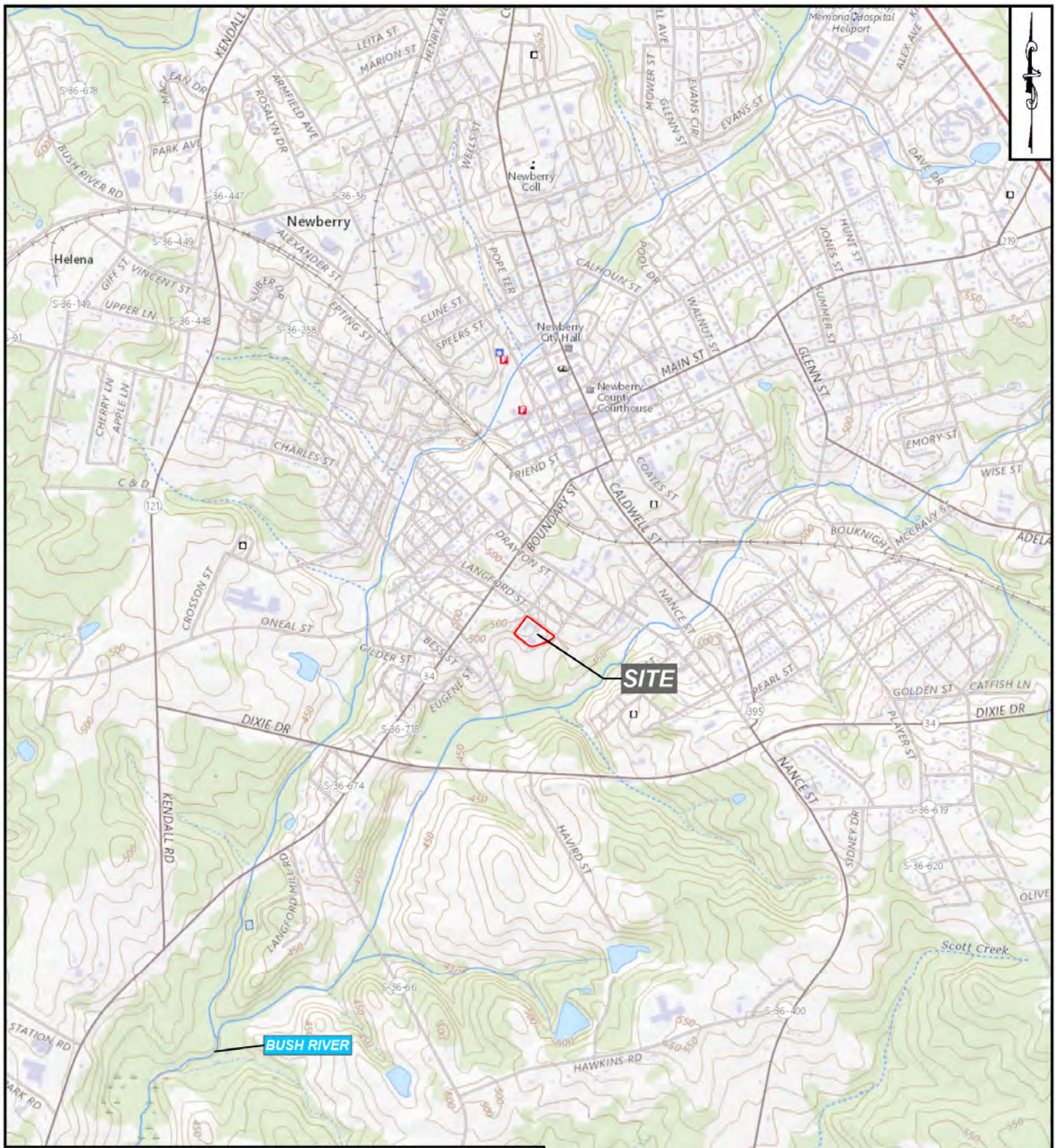

NOTES:

1. USGS TOPOGRAPHIC MAP PROVIDED BY ESRI, LAST UPDATED APRIL 2023.
2. ALL BOUNDARIES ARE APPROXIMATE.

synTerra

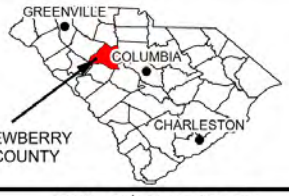

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FIGURE 1
SITE TOPOGRAPHIC MAP
540 BRANTLEY STREET
NEWBERRY, SOUTH CAROLINA

DRAWN BY: E. ORDEMANN	DATE: 04/12/2023
REVISED BY: L. FOREMAN	DATE: 12/21/2023
CHECKED BY: E. HAMO	DATE: 12/21/2023
APPROVED BY: E. HAMO	DATE: 12/21/2023
PROJECT MANAGER: E. HAMO	

GRAPHIC SCALE
1,000 0 1,000 2,000
(IN FEET)

P:\0 ARCGIS PRO PROJECTS\PROPERTY_SERVICES\PHASE1S\SOUTHCAROLINA\SOUTHCAROLINA_PHASE1S.APRX

NOTES:

1. MAXAR AERIAL IMAGERY PROVIDED BY ESRI, LAST UPDATED NOVEMBER 23, 2020.
2. ALL BOUNDARIES ARE APPROXIMATE.

LEGEND

- TARGET PARCEL
- SURROUNDING PARCELS

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FIGURE 2
SITE MAP
540 BRANTLEY STREET
NEWBERRY, SOUTH CAROLINA

DRAWN BY: E. ORDEMANN	DATE: 04/12/2023
REVISED BY: L. FOREMAN	DATE: 12/21/2023
CHECKED BY: E. HAMO	DATE: 12/21/2023
APPROVED BY: E. HAMO	DATE: 12/21/2023
PROJECT MANAGER: E. HAMO	

50 0 50 100
GRAPHIC SCALE (IN FEET)

P:\0 ARCGIS PRO PROJECTS\PROPERTY_SERVICES\PHASE1S\SOUTHCAROLINA\SOUTHCAROLINA_PHASE1S.APRX

APPENDIX A

INFORMATION PROVIDED BY USER

synTerra

Science & Engineering Consultants

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OFFICE: (864) 421–9999
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PHASE I ENVIRONMENTAL SITE ASSESSMENT
USER QUESTIONNAIRE

Introduction:

In order to qualify for one of the Landowner Liability Protections offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfield Amendments"), the user must provide the following information (if available) to the environmental professional. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

Site Information:

Name: Gallman Place Parcel

Location: 540 Brantley Street, Newberry, SC 29108

1. **Environmental cleanup liens that are filed or recorded against the site (CFR 312.25)**
   Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law? ☐ yes or ☑ no If yes, please explain.

2. **Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26)**
   Are you aware of any activity and use limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law? ☐ yes or ☑ no If yes, please explain.

3. **Specialized knowledge or experience of the person seeking to qualify for the Landowner Liability Protections (40 CFR 312.28)**
   As the user of this Phase I, do you have any specialized knowledge or experience related to the property or nearby properties? ☐ yes or ☑ no If yes, please explain.

   Are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by the business? ☐ yes or ☑ no If yes, please explain.

4. **Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29)**
Does the purchase price being paid for this property reasonably reflect the fair market value of the property? ☐ yes or ☑ no If you concluded that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? ☐ yes or ☑ no If yes, please explain.

5. **Commonly known or reasonably ascertainable information about the property (40 CFR 312.30)**
Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of a release or threatened release? ☐ yes or ☑ no For example, as user:

- Do you know the past uses of the property? ☑ yes or ☐ no If yes, please explain.

The property served as the African-American high school during segregation. It later converted into an elementary school before being closed by the school district. After being closed by the school district, it later served as the home for a few social programs like adult education. City of Newberry fire department reports from 1995 to present are attached.

- Do you know of specific chemicals that are present or once were present at the property?
☐ yes or ☑ no If yes, please explain.

- Do you know of spills or other chemical releases that have taken place at the property?
☐ yes or ☑ no If yes, please explain.

- Do you know of any environmental cleanups that have taken place at the property?
☐ yes or ☑ no If yes, please explain.

6. **The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31)**
As the user of this Phase I, based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?
☐ yes or ☑ no If yes, please explain.

7. **Do you know of 1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property; 2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the property, and 3) any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?** ☐ yes or ☑ no If yes, please explain.

8. **Do you know if copies of any of the following exist, and if so, can you provide copies to SynTerra?**

- Environmental site assessment reports
- Environmental compliance audit reports
- Environmental permits
- Registrations for underground and aboveground storage tanks
- Registration for underground injection systems
- Material safety data sheets
- Community right-to-know plan plans or reports
- Safety plans; preparedness and prevention plans; spill prevention, countermeasure, and control plans
- Reports regarding hydrogeologic conditions on the property or surrounding area
- Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to property or relating to environmental liens encumbering the property
- Hazardous waste generator notices or reports
- Geotechnical studies
- Risk assessments
- Recorded activity and use limitations

Jeffrey D. Wicker Digitally signed by Jeffrey D. Wicker Date: 2023.11.13 08:53:16 -05'00'

Signed/Date

Jeffrey D. Wicker

Printed Name

Please Check One:

☐ Property Owner
☐ Former Property Owner
☐ Potential Buyer of Property
☐ Real Estate Agent
☑ Other (please explain): USEPA Brownfields Grant

A

FDID *	State *	Incident Date * (MM DD YYYY)	Station	Incident Number *	Exposure *
36320	SC	08 17 2004	20A	04-0000169	000

☐ Delete ☒ Change ☐ No Activity

NFIRS -1 Basic

B Location*

☐ Check this box to Indicate that the address for this incident is provided on the Wildland Fire Module In Section B "Alternative Location Specification". Use only for Wildland fires.

Census Tract ____ - ____

☒ Street address
☐ Intersection
☐ In front of
☐ Rear of
☐ Adjacent to
☐ Directions

Number/Milepost	Prefix	Street or Highway	Street Type	Suffix
540		BRANTLEY	ST	

Apt./Suite/Room	City	State	Zip Code
	Newberry	SC	29108 -

Cross street or directions, as applicable

C Incident Type *

733 — Smoke detector activation due (Incident Type)

D Aid Given or Received*

1 ☐ Mutual aid received
2 ☒ Automatic aid recv.
3 ☐ Mutual aid given
4 ☐ Automatic aid given
5 ☐ Other aid given
N ☐ None

Their FDID: 36321 Their State: SC
Their Incident Number: 04-0179

E1 Date & Times — Midnight is 0000

Check boxes if dates are the same as Alarm Date.

	Month	Day	Year	Hr Min Sec
ALARM always required — Alarm *	08	17	2004	21:59:54
ARRIVAL required, unless canceled or did not arrive — ☒ Arrival *	08	17	2004	22:03:35
CONTROLLED Optional, Except for wildland fires — ☐ Controlled				
LAST UNIT CLEARED, required except for wildland fires — ☒ Last Unit Cleared	08	17	2004	23:20:36

E2 Shift & Alarms

Local Option

Shift or Platoon	Alarms	District
B	01	20

E3 Special Studies

Local Option

Special Study ID# ____ Special Study Value ____

F Actions Taken*

86 — Investigate (Primary Action Taken (1))

Additional Action Taken (2) ____

Additional Action Taken (3) ____

G1 Resources*

☒ Check this box and skip this section if an Apparatus or Personnel form is used.

	Apparatus	Personnel
Suppression		
EMS		
Other	0001	0005

☐ Check box if resource counts include aid received resources.

G2 Estimated Dollar Losses & Values

LOSSES: Required for all fires if known. Optional for non fires.

		None
Property $ ____ , 000 , 000		☒
Contents $ ____ , 000 , 000		☒

PRE-INCIDENT VALUE: Optional

Property $ ____ , 000 , 000	☒
Contents $ ____ , 000 , 000	☒

Completed Modules

☐ Fire-2
☐ Structure-3
☐ Civil Fire Cas.-4
☐ Fire Serv. Cas.-5
☐ EMS-6
☐ HazMat-7
☐ Wildland Fire-8
☒ Apparatus-9
☒ Personnel-10
☐ Arson-11

H1 Casualties* ☒ None

	Deaths	Injuries
Fire Service		
Civilian		

H2 Detector

Required for Confined Fires.

1 ☐ Detector alerted occupants
2 ☐ Detector did not alert them
U ☐ Unknown

H3 Hazardous Materials Release

N ☒ None
1 ☐ Natural Gas: slow leak, no evacuation or HazMat actions
2 ☐ Propane gas: <21 lb. tank (as in home BBQ grill)
3 ☐ Gasoline: vehicle fuel tank or portable container
4 ☐ Kerosene: fuel burning equipment or portable storage
5 ☐ Diesel fuel/fuel oil: vehicle fuel tank or portable
6 ☐ Household solvents: home/office spill, cleanup only
7 ☐ Motor oil: from engine or portable container
8 ☐ Paint: from paint cans totaling < 55 gallons
0 ☐ Other: Special HazMat actions required or spill > 55gal., Please complete the HazMat form

I Mixed Use Property

NN ☒ Not Mixed
10 ☐ Assembly use
20 ☐ Education use
33 ☐ Medical use
40 ☐ Residential use
51 ☐ Row of stores
53 ☐ Enclosed mall
58 ☐ Bus. & Residential
59 ☐ Office use
60 ☐ Industrial use
63 ☐ Military use
65 ☐ Farm use
00 ☐ Other mixed use

J Property Use* — Structures

131 ☐ Church, place of worship
161 ☐ Restaurant or cafeteria
162 ☐ Bar/Tavern or nightclub
213 ☐ Elementary school or kindergarten
215 ☒ High school or junior high
241 ☐ College, adult education
311 ☐ Care facility for the aged
331 ☐ Hospital
341 ☐ Clinic, clinic type infirmary
342 ☐ Doctor/dentist office
361 ☐ Prison or jail, not juvenile
419 ☐ 1-or 2-family dwelling
429 ☐ Multi-family dwelling
439 ☐ Rooming/boarding house
449 ☐ Commercial hotel or motel
459 ☐ Residential, board and care
464 ☐ Dormitory/barracks
519 ☐ Food and beverage sales
539 ☐ Household goods, sales, repairs
579 ☐ Motor vehicle/boat sales/repair
571 ☐ Gas or service station
599 ☐ Business office
615 ☐ Electric generating plant
629 ☐ Laboratory/science lab
700 ☐ Manufacturing plant
819 ☐ Livestock/poultry storage (barn)
882 ☐ Non-residential parking garage
891 ☐ Warehouse

Outside

124 ☐ Playground or park
655 ☐ Crops or orchard
669 ☐ Forest (timberland)
807 ☐ Outdoor storage area
919 ☐ Dump or sanitary landfill
931 ☐ Open land or field
936 ☐ Vacant lot
938 ☐ Graded/care for plot of land
946 ☐ Lake, river, stream
951 ☐ Railroad right of way
960 ☐ Other street
961 ☐ Highway/divided highway
962 ☐ Residential street/driveway
981 ☐ Construction site
984 ☐ Industrial plant yard

Lookup and enter a Property Use code only if you have NOT checked a Property Use box:

Property Use 215 — High school/junior high

NFIRS-1 Revision 03/11/99

K1 Person/Entity Involved

Local Option

Business name (if applicable) | Area Code - Phone Number

☐ Check This Box if same address as incident location. Then skip the three duplicate address lines.

Mr.,Ms., Mrs. | First Name | MI | Last Name | Suffix

Number | Prefix | Street or Highway | Street Type | Suffix

Post Office Box | Apt./Suite/Room | City

State | Zip Code -

☐ More people involved? Check this box and attach Supplemental Forms (NFIRS-1S) as necessary

K2 Owner

Local Option

☐ Same as person involved? Then check this box and skip The rest of this section.

Business name (if Applicable) | Area Code - Phone Number

☐ Check this box if same address as incident location. Then skip the three duplicate address lines.

Mr.,Ms., Mrs. | First Name | MI | Last Name: Newberry County School Ds | Suffix

Number | Prefix | Street or Highway | Street Type | Suffix

Post Office Box | Apt./Suite/Room | City: Newberry

State: SC | Zip Code: 29108 -

L Authorization

Officer in charge ID	Signature	Position or rank	Assignment	Month	Day	Year
BPD02	Minick, Keith K	LT		08	17	2004

Check Box if same as Officer in charge. ☐

Member making report ID	Signature	Position or rank	Assignment	Month	Day	Year
BPD04	Horne, Joseph J	FF		08	17	2004

FDID	State	Incident Date (MM)	Incident Date (DD)	Incident Date (YYYY)	Station	Incident Number	Exposure
36320	SC	8	17	2004	20A	04-0000169	000

NFIRS - Involvement User Fields

Involvement Name:	Involvement Type:	Owner:	Occupant:
		X	X

A

FDID *	State *	Incident Date * (MM DD YYYY)	Station	Incident Number *	Exposure *
36321	SC	08 17 2004	BS	04-0000179	000

[ ] Delete [X] Change [ ] No Activity

NFIRS -1 Basic

B Location*

[ ] Check this box to Indicate that the address for this incident is provided on the Wildland Fire Module In Section B "Alternative Location Specification". Use only for Wildland fires.

Census Tract ____ - ____

[X] Street address
[ ] Intersection
[ ] In front of
[ ] Rear of
[ ] Adjacent to
[ ] Directions

Number/Milepost: 540 | Prefix: | Street or Highway: BRANTLEY | Street Type: ST | Suffix:

Apt./Suite/Room: | City: Newberry | State: SC | Zip Code: 29108 -

Cross street or directions, as applicable:

C Incident Type *

733 — Smoke detector activation due

Incident Type

D Aid Given or Received*

1 [ ] Mutual aid received
2 [ ] Automatic aid recv.
3 [ ] Mutual aid given
4 [X] Automatic aid given
5 [ ] Other aid given
N [ ] None

Their FDID: 36321 | Their State: SC | Their Incident Number:

E1 Date & Times

Midnight is 0000

Check boxes if dates are the same as Alarm Date.

	Month	Day	Year	Hr Min Sec
ALARM always required — Alarm *	08	17	2004	21:59:54
ARRIVAL required, unless canceled or did not arrive — [X] Arrival *	08	17	2004	22:05:21
CONTROLLED Optional, Except for wildland fires — [X] Controlled	08	17	2004	22:34:59
LAST UNIT CLEARED, required except for wildland fires — [X] Last Unit Cleared	08	17	2004	22:34:59

E2 Shift & Alarms

Local Option

Shift or Platoon: B | Alarms: 01 | District: 20

E3 Special Studies

Local Option

Special Study ID#: | Special Study Value:

F Actions Taken*

86 — Investigate

Primary Action Taken (1)

Additional Action Taken (2)

Additional Action Taken (3)

G1 Resources*

[X] Check this box and skip this section if an Apparatus or Personnel form is used.

	Apparatus	Personnel
Suppression		
EMS		
Other	0001	0003

[ ] Check box if resource counts include aid received resources.

G2 Estimated Dollar Losses & Values

LOSSES: Required for all fires if known. Optional for non fires.

				None
Property $		000	000	[X]
Contents $		000	000	[X]

PRE-INCIDENT VALUE: Optional

Property $		000	000	[X]
Contents $		000	000	[X]

Completed Modules

[ ] Fire-2
[ ] Structure-3
[ ] Civil Fire Cas.-4
[ ] Fire Serv. Cas.-5
[ ] EMS-6
[ ] HazMat-7
[ ] Wildland Fire-8
[X] Apparatus-9
[X] Personnel-10
[ ] Arson-11

H1 Casualties [X] None

	Deaths	Injuries
Fire Service		
Civilian		

H2 Detector

Required for Confined Fires.

1 [ ] Detector alerted occupants
2 [ ] Detector did not alert them
U [X] Unknown

H3 Hazardous Materials Release

N [X] None
1 [ ] Natural Gas: slow leak, no evacuation or HazMat actions
2 [ ] Propane gas: <21 lb. tank (as in home BBQ grill)
3 [ ] Gasoline: vehicle fuel tank or portable container
4 [ ] Kerosene: fuel burning equipment or portable storage
5 [ ] Diesel fuel/fuel oil: vehicle fuel tank or portable
6 [ ] Household solvents: home/office spill, cleanup only
7 [ ] Motor oil: from engine or portable container
8 [ ] Paint: from paint cans totaling < 55 gallons
0 [ ] Other: Special HazMat actions required or spill > 55gal., Please complete the HazMat form

I Mixed Use Property

NN [X] Not Mixed
10 [ ] Assembly use
20 [ ] Education use
33 [ ] Medical use
40 [ ] Residential use
51 [ ] Row of stores
53 [ ] Enclosed mall
58 [ ] Bus. & Residential
59 [ ] Office use
60 [ ] Industrial use
63 [ ] Military use
65 [ ] Farm use
00 [ ] Other mixed use

J Property Use* Structures

131 [ ] Church, place of worship
161 [ ] Restaurant or cafeteria
162 [ ] Bar/Tavern or nightclub
213 [ ] Elementary school or kindergarten
215 [ ] High school or junior high
241 [ ] College, adult education
311 [ ] Care facility for the aged
331 [ ] Hospital
341 [ ] Clinic, clinic type infirmary
342 [ ] Doctor/dentist office
361 [ ] Prison or jail, not juvenile
419 [ ] 1-or 2-family dwelling
429 [ ] Multi-family dwelling
439 [ ] Rooming/boarding house
449 [ ] Commercial hotel or motel
459 [ ] Residential, board and care
464 [ ] Dormitory/barracks
519 [ ] Food and beverage sales
539 [ ] Household goods, sales, repairs
579 [ ] Motor vehicle/boat sales/repair
571 [ ] Gas or service station
599 [ ] Business office
615 [ ] Electric generating plant
629 [ ] Laboratory/science lab
700 [ ] Manufacturing plant
819 [ ] Livestock/poultry storage (barn)
882 [ ] Non-residential parking garage
891 [ ] Warehouse

Outside

124 [ ] Playground or park
655 [ ] Crops or orchard
669 [ ] Forest (timberland)
807 [ ] Outdoor storage area
919 [ ] Dump or sanitary landfill
931 [ ] Open land or field
936 [ ] Vacant lot
938 [ ] Graded/care for plot of land
946 [ ] Lake, river, stream
951 [ ] Railroad right of way
960 [ ] Other street
961 [ ] Highway/divided highway
962 [ ] Residential street/driveway
981 [ ] Construction site
984 [ ] Industrial plant yard

Lookup and enter a Property Use code only if you have NOT checked a Property Use box:

Property Use: 200 — Educational, Other

NFIRS-1 Revision 03/11/99

K1 Person/Entity Involved
Local Option

Business name (if applicable): INFINITY SCHOOL
Area Code: | Phone Number: -

[X] Check This Box if same address as incident location. Then skip the three duplicate address lines.

Mr.,Ms., Mrs.: | First Name: | MI: | Last Name: | Suffix:

Number: 540 | Prefix: | Street or Highway: BRANTLEY | Street Type: ST | Suffix:

Post Office Box: | Apt./Suite/Room: | City: Newberry

State: SC | Zip Code: 29108 -

[ ] More people involved? Check this box and attach Supplemental Forms (NFIRS-1S) as necessary

K2 Owner
Local Option

[ ] Same as person involved? Then check this box and skip The rest of this section.

Business name (if Applicable): NEWBERRY COUNTY SCHOOL DISTRIC
Area Code: 803 | Phone Number: 321 - 2600

[ ] Check this box if same address as incident location. Then skip the three duplicate address lines.

Mr.,Ms., Mrs.: | First Name: | MI: | Last Name: | Suffix:

Number: 1539 | Prefix: | Street or Highway: MARTIN | Street Type: ST | Suffix:

Post Office Box: | Apt./Suite/Room: | City: Newberry

State: SC | Zip Code: 29108 -

L Authorization

Officer in charge ID	Signature	Position or rank	Assignment	Month	Day	Year
BPD02	Minick, Keith K	LT		08	17	2004

Check Box if same as Officer in charge. [ ]

Member making report ID	Signature	Position or rank	Assignment	Month	Day	Year
BPD05	Rembisz, Anthony J	FF		08	17	2004

FDID	State	Incident Date (MM)	Incident Date (DD)	Incident Date (YYYY)	Station	Incident Number	Exposure
36321	SC	8	17	2004	BS	04-0000179	000

NFIRS - Involvement User Fields

Involvement Name:	Involvement Type:	Owner:	Occupant:
INFINITY SCHOOL			X

Involvement Name:	Involvement Type:	Owner:	Occupant:
NEWBERRY COUNTY SCHOOL DISTRIC OFFICE		X	

A

FDID *	State *	Incident Date * (MM)	(DD)	(YYYY)	Station	Incident Number *	Exposure *
36321	SC	09	26	2006	20	06-0000454	000

[ ] Delete [X] Change [ ] No Activity

NFIRS -1 Basic

B Location*

[ ] Check this box to Indicate that the address for this incident is provided on the Wildland Fire Module In Section B "Alternative Location Specification". Use only for Wildland fires.

Census Tract ____ - ____

[X] Street address
[ ] Intersection
[ ] In front of
[ ] Rear of
[ ] Adjacent to
[ ] Directions

Number/Milepost: 540 | Prefix: | Street or Highway: Brantley | Street Type: ST | Suffix:

Apt./Suite/Room: | City: Newberry | State: SC | Zip Code: 29108 - ____

Cross street or directions, as applicable:

C Incident Type*

700 False alarm or false call,
Incident Type

D Aid Given or Received*

1 [ ] Mutual aid received
2 [ ] Automatic aid recv.
3 [ ] Mutual aid given
4 [ ] Automatic aid given
5 [ ] Other aid given
N [X] None

Their FDID | Their State
Their Incident Number

E1 Date & Times

Midnight is 0000

Check boxes if dates are the same as Alarm Date.

	Month	Day	Year	Hr Min Sec
ALARM always required — Alarm *	09	26	2006	19:09:00
ARRIVAL required, unless canceled or did not arrive — [ ] Arrival *	09	26	2006	19:12:30
CONTROLLED Optional, Except for wildland fires — [ ] Controlled				
LAST UNIT CLEARED, required except for wildland fires — [ ] Last Unit Cleared	09	26	2006	19:50:37

E2 Shift & Alarms

Local Option

Shift or Platoon: A | Alarms: | District: 20

E3 Special Studies

Local Option

Special Study ID#: | Special Study Value:

F Actions Taken*

86 Investigate
Primary Action Taken (1)

Additional Action Taken (2)

Additional Action Taken (3)

G1 Resources*

[X] Check this box and skip this section if an Apparatus or Personnel form is used.

	Apparatus	Personnel
Suppression	0001	0003
EMS		
Other		

[ ] Check box if resource counts include aid received resources.

G2 Estimated Dollar Losses & Values

LOSSES: Required for all fires if known. Optional for non fires.

				None
Property $		000	000	[X]
Contents $		000	000	[X]

PRE-INCIDENT VALUE: Optional

Property $		000	000	[X]
Contents $		000	000	[ ]

Completed Modules

[ ] Fire-2
[ ] Structure-3
[ ] Civil Fire Cas.-4
[ ] Fire Serv. Cas.-5
[ ] EMS-6
[ ] HazMat-7
[ ] Wildland Fire-8
[X] Apparatus-9
[X] Personnel-10
[ ] Arson-11

H1 Casualties* [X] None

	Deaths	Injuries
Fire Service		
Civilian		

H2 Detector

Required for Confined Fires.

1 [ ] Detector alerted occupants
2 [ ] Detector did not alert them
U [ ] Unknown

H3 Hazardous Materials Release

N [ ] None
1 [ ] Natural Gas: slow leak, no evacuation or HazMat actions
2 [ ] Propane gas: <21 lb. tank (as in home BBQ grill)
3 [ ] Gasoline: vehicle fuel tank or portable container
4 [ ] Kerosene: fuel burning equipment or portable storage
5 [ ] Diesel fuel/fuel oil: vehicle fuel tank or portable
6 [ ] Household solvents: home/office spill, cleanup only
7 [ ] Motor oil: from engine or portable container
8 [ ] Paint: from paint cans totaling < 55 gallons
0 [ ] Other: Special HazMat actions required or spill > 55gal., Please complete the HazMat form

I Mixed Use Property

NN [ ] Not Mixed
10 [ ] Assembly use
20 [ ] Education use
33 [ ] Medical use
40 [ ] Residential use
51 [ ] Row of stores
53 [ ] Enclosed mall
58 [ ] Bus. & Residential
59 [ ] Office use
60 [ ] Industrial use
63 [ ] Military use
65 [ ] Farm use
00 [ ] Other mixed use

J Property Use* Structures

131 [ ] Church, place of worship
161 [ ] Restaurant or cafeteria
162 [ ] Bar/Tavern or nightclub
213 [ ] Elementary school or kindergarten
215 [ ] High school or junior high
241 [X] College, adult education
311 [ ] Care facility for the aged
331 [ ] Hospital
341 [ ] Clinic,clinic type infirmary
342 [ ] Doctor/dentist office
361 [ ] Prison or jail, not juvenile
419 [ ] 1-or 2-family dwelling
429 [ ] Multi-family dwelling
439 [ ] Rooming/boarding house
449 [ ] Commercial hotel or motel
459 [ ] Residential, board and care
464 [ ] Dormitory/barracks
519 [ ] Food and beverage sales
539 [ ] Household goods,sales,repairs
579 [ ] Motor vehicle/boat sales/repair
571 [ ] Gas or service station
599 [ ] Business office
615 [ ] Electric generating plant
629 [ ] Laboratory/science lab
700 [ ] Manufacturing plant
819 [ ] Livestock/poultry storage(barn)
882 [ ] Non-residential parking garage
891 [ ] Warehouse

Outside

124 [ ] Playground or park
655 [ ] Crops or orchard
669 [ ] Forest (timberland)
807 [ ] Outdoor storage area
919 [ ] Dump or sanitary landfill
931 [ ] Open land or field
936 [ ] Vacant lot
938 [ ] Graded/care for plot of land
946 [ ] Lake, river, stream
951 [ ] Railroad right of way
960 [ ] Other street
961 [ ] Highway/divided highway
962 [ ] Residential street/driveway
981 [ ] Construction site
984 [ ] Industrial plant yard

Lookup and enter a Property Use code only if you have NOT checked a Property Use box:

Property Use 241

Adult education center,

NFIRS-1 Revision 03/11/99

K1 Person/Entity Involved

Local Option

Business name (if applicable) | Area Code - Phone Number

☐ Check This Box if same address as incident location. Then skip the three duplicate address lines.

Mr.,Ms., Mrs. | First Name | MI | Last Name | Suffix

Number | Prefix | Street or Highway | Street Type | Suffix

Post Office Box | Apt./Suite/Room | City

State | Zip Code -

☐ More people involved? Check this box and attach Supplemental Forms (NFIRS-1S) as necessary

K2 Owner

Local Option

☐ Same as person involved? Then check this box and skip The rest of this section.

Business name (if Applicable) | Area Code 803 - Phone Number 321 - 2683

☐ Check this box if same address as incident location. Then skip the three duplicate address lines.

Mr.,Ms., Mrs. | First Name N/A | MI | Last Name Newberry County School Ds | Suffix

Number | Prefix | Street or Highway N/A | Street Type | Suffix

Post Office Box | Apt./Suite/Room | City Newberry

State SC | Zip Code 29108 -

L Authorization

Officer in charge ID	Signature	Position or rank	Assignment	Month	Day	Year
APD03	Smith, Stuart W	LT		09	26	2006

Check Box if same as Officer in charge. ☐

Member making report ID	Signature	Position or rank	Assignment	Month	Day	Year
BVOL06	Morris, Andrew R	VFF		09	26	2006

FDID	State	Incident Date (MM)	Incident Date (DD)	Incident Date (YYYY)	Station	Incident Number	Exposure
36321	SC	9	26	2006	20	06-0000454	000

NFIRS - Involvement User Fields

Involvement Name:	Involvement Type:	Owner:	Occupant:
Newberry County School Ds, N/A		X	X

A

FDID *	State *	Incident Date * (MM)	(DD)	(YYYY)	Station	Incident Number *	Exposure *
36321	SC	10	21	2008	BS	08-0000371	000

☐ Delete ☐ Change ☐ No Activity

NFIRS -1 Basic

B Location*

☐ Check this box to Indicate that the address for this incident is provided on the Wildland Fire Module In Section B "Alternative Location Specification". Use only for Wildland fires.

Census Tract ____ - ____

☒ Street address
☐ Intersection
☐ In front of
☐ Rear of
☐ Adjacent to
☐ Directions

Number/Milepost	Prefix	Street or Highway	Street Type	Suffix
540		Brantley	ST	

Apt./Suite/Room	City	State	Zip Code
	Newberry	SC	29108 -

Cross street or directions, as applicable

C Incident Type *

500 Service Call, other
Incident Type

D Aid Given or Received*

1 ☐ Mutual aid received
2 ☐ Automatic aid recv.
3 ☐ Mutual aid given
4 ☐ Automatic aid given
5 ☐ Other aid given
N ☒ None

Their FDID ____ Their State ____
Their Incident Number ____

E1 Date & Times

Midnight is 0000

Check boxes if dates are the same as Alarm Date.

	Month	Day	Year	Hr Min Sec
ALARM always required				
Alarm *	10	21	2008	08:49:00
ARRIVAL required, unless canceled or did not arrive				
☐ Arrival *	10	21	2008	08:52:00
CONTROLLED Optional, Except for wildland fires				
☐ Controlled				
LAST UNIT CLEARED, required except for wildland fires				
☐ Last Unit Cleared	10	21	2008	09:33:00

E2 Shift & Alarms

Local Option

Shift or Platoon	Alarms	District
A		20

E3 Special Studies

Local Option

Special Study ID# ____ Special Study Value ____

F Actions Taken*

86 Investigate
Primary Action Taken (1)

Additional Action Taken (2)

Additional Action Taken (3)

G1 Resources*

☒ Check this box and skip this section if an Apparatus or Personnel form is used.

	Apparatus	Personnel
Suppression		
EMS		
Other	0002	0001

☐ Check box if resource counts include aid received resources.

G2 Estimated Dollar Losses & Values

LOSSES: Required for all fires if known. Optional for non fires.

		None
Property	$ ____ , 000 , 000	☐
Contents	$ ____ , 000 , 000	☐

PRE-INCIDENT VALUE: Optional

Property	$ ____ , 000 , 000	☐
Contents	$ ____ , 000 , 000	☐

Completed Modules

☐ Fire-2
☐ Structure-3
☐ Civil Fire Cas.-4
☐ Fire Serv. Cas.-5
☐ EMS-6
☐ HazMat-7
☐ Wildland Fire-8
☒ Apparatus-9
☒ Personnel-10
☐ Arson-11

H1 Casualties* ☐ None

	Deaths	Injuries
Fire Service		
Civilian		

H2 Detector

Required for Confined Fires.

1 ☐ Detector alerted occupants
2 ☐ Detector did not alert them
U ☐ Unknown

H3 Hazardous Materials Release

N ☐ None
1 ☐ Natural Gas: slow leak, no evacuation or HazMat actions
2 ☐ Propane gas: <21 lb. tank (as in home BBQ grill)
3 ☐ Gasoline: vehicle fuel tank or portable container
4 ☐ Kerosene: fuel burning equipment or portable storage
5 ☐ Diesel fuel/fuel oil: vehicle fuel tank or portable
6 ☐ Household solvents: home/office spill, cleanup only
7 ☐ Motor oil: from engine or portable container
8 ☐ Paint: from paint cans totaling < 55 gallons
0 ☐ Other: Special HazMat actions required or spill > 55gal., Please complete the HazMat form

I Mixed Use Property

NN ☒ Not Mixed
10 ☐ Assembly use
20 ☐ Education use
33 ☐ Medical use
40 ☐ Residential use
51 ☐ Row of stores
53 ☐ Enclosed mall
58 ☐ Bus. & Residential
59 ☐ Office use
60 ☐ Industrial use
63 ☐ Military use
65 ☐ Farm use
00 ☐ Other mixed use

J Property Use* Structures

131 ☐ Church, place of worship
161 ☐ Restaurant or cafeteria
162 ☐ Bar/Tavern or nightclub
213 ☐ Elementary school or kindergarten
215 ☐ High school or junior high
241 ☐ College, adult education
311 ☐ Care facility for the aged
331 ☐ Hospital
341 ☐ Clinic, clinic type infirmary
342 ☐ Doctor/dentist office
361 ☐ Prison or jail, not juvenile
419 ☐ 1-or 2-family dwelling
429 ☐ Multi-family dwelling
439 ☐ Rooming/boarding house
449 ☐ Commercial hotel or motel
459 ☐ Residential, board and care
464 ☐ Dormitory/barracks
519 ☐ Food and beverage sales
539 ☐ Household goods, sales, repairs
579 ☐ Motor vehicle/boat sales/repair
571 ☐ Gas or service station
599 ☐ Business office
615 ☐ Electric generating plant
629 ☐ Laboratory/science lab
700 ☐ Manufacturing plant
819 ☐ Livestock/poultry storage (barn)
882 ☐ Non-residential parking garage
891 ☐ Warehouse

Outside

124 ☐ Playground or park
655 ☐ Crops or orchard
669 ☐ Forest (timberland)
807 ☐ Outdoor storage area
919 ☐ Dump or sanitary landfill
931 ☐ Open land or field
936 ☐ Vacant lot
938 ☐ Graded/care for plot of land
946 ☐ Lake, river, stream
951 ☐ Railroad right of way
960 ☐ Other street
961 ☐ Highway/divided highway
962 ☐ Residential street/driveway
981 ☐ Construction site
984 ☐ Industrial plant yard

Lookup and enter a Property Use code only if you have NOT checked a Property Use box:

Property Use 210
Schools, non-adult, other

NFIRS-1 Revision 03/11/99

K1 Person/Entity Involved

Local Option

Business name (if applicable) | Area Code - Phone Number

☐ Check This Box if same address as incident location. Then skip the three duplicate address lines.

Mr.,Ms., Mrs. | First Name | MI | Last Name | Suffix

Number | Prefix | Street or Highway | Street Type | Suffix

Post Office Box | Apt./Suite/Room | City

State | Zip Code

☐ **More people involved? Check this box and attach Supplemental Forms (NFIRS-1S) as necessary**

K2 Owner

Local Option

☐ Same as person involved? Then check this box and skip The rest of this section.

Business name (if Applicable): Newberry County School District

Area Code: 803 - Phone Number: 321-2600

☐ Check this box if same address as incident location. Then skip the three duplicate address lines.

Mr.,Ms., Mrs. | First Name | MI | Last Name | Suffix

Number: 1539 | Prefix | Street or Highway: Martin | Street Type: ST | Suffix

Post Office Box | Apt./Suite/Room | City: Newberry

State: SC | Zip Code: 29108

L Authorization

Officer in charge ID	Signature	Position or rank	Assignment	Month	Day	Year
APD06	Taylor, Gregory B	ENG		10	21	2008

Check Box if same as Officer in charge. ☒

Member making report ID	Signature	Position or rank	Assignment	Month	Day	Year
APD06	Taylor, Gregory B	ENG		10	21	2008

FDID	State	Incident Date (MM DD YYYY)	Station	Incident Number	Exposure
36321	SC	10 21 2008	BS	08-0000371	000

NFIRS - Involvement User Fields

Involvement Name:	Involvement Type:	Owner:	Occupant:
Newberry County School District		X	

A

FDID *	State *	Incident Date * MM	DD	YYYY	Station	Incident Number *	Exposure *
36321	SC	03	26	2010	20	10-0000119	000

☐ Delete ☐ Change ☐ No Activity

NFIRS -1 Basic

B Location*

☐ Check this box to Indicate that the address for this incident is provided on the Wildland Fire Module In Section B "Alternative Location Specification". Use only for Wildland fires.

Census Tract ____ - ____

☒ Street address
☐ Intersection
☐ In front of
☒ Rear of
☐ Adjacent to
☐ Directions

Number/Milepost: 540 | Prefix: | Street or Highway: Brantley | Street Type: ST | Suffix:

Apt./Suite/Room: | City: Newberry | State: SC | Zip Code: 29108 -

Cross street or directions, as applicable:

C Incident Type*

143 Grass fire
Incident Type

D Aid Given or Received*

1 ☐ Mutual aid received
2 ☒ Automatic aid recv.
3 ☐ Mutual aid given
4 ☐ Automatic aid given
5 ☐ Other aid given
N ☐ None

Their FDID: 36321 | Their State: SC
Their Incident Number:

E1 Date & Times

Midnight is 0000

Check boxes if dates are the same as Alarm Date.

	Month	Day	Year	Hr Min Sec
ALARM always required				
Alarm *	03	26	2010	17:48:00
ARRIVAL required, unless canceled or did not arrive				
☒ Arrival *	03	26	2010	17:53:00
CONTROLLED Optional, Except for wildland fires				
☐ Controlled				
LAST UNIT CLEARED, required except for wildland fires				
☒ Last Unit Cleared	03	26	2010	18:19:00

E2 Shift & Alarms

Local Option

Shift or Platoon: C | Alarms: | District: 20

E3 Special Studies

Local Option

Special Study ID#: | Special Study Value:

F Actions Taken*

11 Extinguishment by fire
Primary Action Taken (1)

86 Investigate
Additional Action Taken (2)

Additional Action Taken (3)

G1 Resources*

☒ Check this box and skip this section if an Apparatus or Personnel form is used.

	Apparatus	Personnel
Suppression	0001	0002
EMS		
Other		

☐ Check box if resource counts include aid received resources.

G2 Estimated Dollar Losses & Values

LOSSES: Required for all fires if known. Optional for non fires.

		None
Property $ ____ , 000 , 000		☐
Contents $ ____ , 000 , 000		☐

PRE-INCIDENT VALUE: Optional

Property $ ____ , 000 , 000	☐
Contents $ ____ , 000 , 000	☐

Completed Modules

☒ Fire-2
☐ Structure-3
☐ Civil Fire Cas.-4
☐ Fire Serv. Cas.-5
☐ EMS-6
☐ HazMat-7
☐ Wildland Fire-8
☒ Apparatus-9
☒ Personnel-10
☐ Arson-11

H1 Casualties* ☐ None

	Deaths	Injuries
Fire Service		
Civilian		

H2 Detector

Required for Confined Fires.

1 ☐ Detector alerted occupants
2 ☐ Detector did not alert them
U ☐ Unknown

H3 Hazardous Materials Release

N ☐ None
1 ☐ Natural Gas: slow leak, no evacuation or HazMat actions
2 ☐ Propane gas: <21 lb. tank (as in home BBQ grill)
3 ☐ Gasoline: vehicle fuel tank or portable container
4 ☐ Kerosene: fuel burning equipment or portable storage
5 ☐ Diesel fuel/fuel oil: vehicle fuel tank or portable
6 ☐ Household solvents: home/office spill, cleanup only
7 ☐ Motor oil: from engine or portable container
8 ☐ Paint: from paint cans totaling < 55 gallons
0 ☐ Other: Special HazMat actions required or spill > 55gal., Please complete the HazMat form

I Mixed Use Property

NN ☐ Not Mixed
10 ☐ Assembly use
20 ☐ Education use
33 ☐ Medical use
40 ☐ Residential use
51 ☐ Row of stores
53 ☐ Enclosed mall
58 ☐ Bus. & Residential
59 ☐ Office use
60 ☐ Industrial use
63 ☐ Military use
65 ☐ Farm use
00 ☐ Other mixed use

J Property Use* Structures

131 ☐ Church, place of worship
161 ☐ Restaurant or cafeteria
162 ☐ Bar/Tavern or nightclub
213 ☐ Elementary school or kindergarten
215 ☐ High school or junior high
241 ☐ College, adult education
311 ☐ Care facility for the aged
331 ☐ Hospital
341 ☐ Clinic,clinic type infirmary
342 ☐ Doctor/dentist office
361 ☐ Prison or jail, not juvenile
419 ☐ 1-or 2-family dwelling
429 ☐ Multi-family dwelling
439 ☐ Rooming/boarding house
449 ☐ Commercial hotel or motel
459 ☐ Residential, board and care
464 ☐ Dormitory/barracks
519 ☐ Food and beverage sales
539 ☐ Household goods,sales,repairs
579 ☐ Motor vehicle/boat sales/repair
571 ☐ Gas or service station
599 ☐ Business office
615 ☐ Electric generating plant
629 ☐ Laboratory/science lab
700 ☐ Manufacturing plant
819 ☐ Livestock/poultry storage (barn)
882 ☐ Non-residential parking garage
891 ☐ Warehouse

Outside

124 ☐ Playground or park
655 ☐ Crops or orchard
669 ☐ Forest (timberland)
807 ☐ Outdoor storage area
919 ☐ Dump or sanitary landfill
931 ☐ Open land or field
936 ☐ Vacant lot
938 ☐ Graded/care for plot of land
946 ☐ Lake, river, stream
951 ☐ Railroad right of way
960 ☐ Other street
961 ☐ Highway/divided highway
962 ☐ Residential street/driveway
981 ☐ Construction site
984 ☐ Industrial plant yard

Lookup and enter a Property Use code only if you have NOT checked a Property Use box:

Property Use 110

Fixed-use recreation places,

NFIRS-1 Revision 03/11/99

K1 Person/Entity Involved

Local Option

Business name (if applicable) | Area Code - Phone Number

☐ Check This Box if same address as incident location. Then skip the three duplicate address lines.

Mr.,Ms., Mrs. | First Name: CITY | MI | Last Name: NEWBERRY | Suffix

Number: 1328 | Prefix | Street or Highway: College | Street Type: ST | Suffix

Post Office Box | Apt./Suite/Room | City: NEWBERRY

State: SC | Zip Code: 29108 -

☐ More people involved? Check this box and attach Supplemental Forms (NFIRS-1S) as necessary

K2 Owner

Local Option

☐ Same as person involved? Then check this box and skip The rest of this section.

Business name (if Applicable) | Area Code - Phone Number

☐ Check this box if same address as incident location. Then skip the three duplicate address lines.

Mr.,Ms., Mrs. | First Name | MI | Last Name | Suffix

Number | Prefix | Street or Highway | Street Type | Suffix

Post Office Box | Apt./Suite/Room | City

State | Zip Code -

L Authorization

Officer in charge ID	Signature	Position or rank	Assignment	Month	Day	Year
APD03	Smith, Stuart W	LT		03	26	2010

Check Box if same as Officer in charge. ☐

Member making report ID	Signature	Position or rank	Assignment	Month	Day	Year
BVOL08	Roberts, Gary R	FF		03	26	2010

A

FDID *	State *	Incident Date * MM	DD	YYYY	Station	Incident Number *	Exposure *
36321	SC	03	26	2010	20	10-0000119	000

☐ Delete ☐ Change ☐ No Activity

NFIRS -2 Fire

B Property Details

B1 [ ] ☒ Not Residential
Estimated Number of residential living units in building of origin whether or not all units became involved

B2 [ ] ☒ Buildings not involved
Number of buildings involved

B3 [ ] ☐ None
Acres burned (outside fires) ☒ Less than one acre

C On-Site Materials or Products ☐ None

Complete if there were any significant amounts of commercial,industrial, energy or agricultural products or materials on the Property, whether or not they became involved

Enter up to three codes. Check one or more boxes for each code entered.

On-site material (1)
1 ☐ Bulk storage or warehousing
2 ☐ Processing or manufacturing
3 ☐ Packaged goods for sale
4 ☐ Repair or service

On-site material (2)
1 ☐ Bulk storage or warehousing
2 ☐ Processing or manufacturing
3 ☐ Packaged goods for sale
4 ☐ Repair or service

On-site material (3)
1 ☐ Bulk storage or warehousing
2 ☐ Processing or manufacturing
3 ☐ Packaged goods for sale
4 ☐ Repair or service

D Ignition

D1 95 Wildland, woods
Area of fire origin *

D2 65 Lighter: cigarette,
Heat source *

D3 72 Light vegetation - not
Item first ignited * 1 ☐ Check Box if fire spread was confined to object of origin

D4 [ ] [ ]
Type of material first ignited — Required only if item first ignited code is 00 or <70

E1 Cause of Ignition

☐ Check box if this is an exposure report. Skip to section G

1 ☐ Intentional
2 ☒ Unintentional
3 ☐ Failure of equipment or heat source
4 ☐ Act of nature
5 ☐ Cause under investigation
U ☐ Cause undetermined after investigation

E2 Factors Contributing To Ignition

☐ None

19 Playing with heat
Factor Contributing To Ignition (1)

Factor Contributing To Ignition (2)

E3 Human Factors Contributing To Ignition

Check all applicable boxes

1 ☐ Asleep ☐ None
2 ☐ Possibly impaired by alcohol or drugs
3 ☒ Unattended person
4 ☐ Possibly mental disabled
5 ☐ Physically Disabled
6 ☐ Multiple persons involved
7 ☐ Age was a factor

Estimated age of person envolved [ ]

1 ☐ Male 2 ☐ Female

F1 Equipment Involved In Ignition

☐ None If Equipment was not involved,Skip to Section G

Equipment Involved

Brand

Model

Serial #

Year

F2 Equipment Power

Equipment Power Source

F3 Equipment Portability

1 ☐ Portable
2 ☐ Stationary

Portable equipment normally can be moved by one person, is designed to be use in multiple locations, and requires no tools to install.

G Fire Suppression Factors

Enter up to three codes. ☐ None

Fire suppression factor (1)

Fire suppression factor (2)

Fire suppression factor (3)

H1 Mobile Property Involved

☐ None

1 ☐ Not involved in ignition, but burned
2 ☐ Involved in ignition, but did not burn
3 ☐ Involved in ignition and burned

H2 Mobile Property Type & Make

Mobile property type

Mobile property make

Moblie property model

Year

License Plate Number

State

VIN Number

Local Use

☐ Pre-Fire Plan Available

Some of the information presented in this report may be based upon reports from other Agencies

☐ Arson report attached
☐ Police report attached
☐ Coroner report attached
☐ Other reports attached

NFIRS-2 Revision 01/19/99

FDID	State	MM	DD	YYYY	Station	Incident Number	Exposure
36321	SC	3	26	2010	20	10-0000119	000

NFIRS - Involvement User Fields

Involvement Name:
NEWBERRY, CITY

Involvement Type:

Owner:

Occupant:

A

FDID *	State *	Incident Date * (MM DD YYYY)	Station	Incident Number *	Exposure *
36321	SC	03 12 2012	BS	12-0000243	000

☐ Delete ☐ Change ☐ No Activity

NFIRS -1 Basic

B Location*

☐ Check this box to Indicate that the address for this incident is provided on the Wildland Fire Module In Section B "Alternative Location Specification". Use only for Wildland fires.

Census Tract ____ - ____

☒ Street address
☐ Intersection
☐ In front of
☐ Rear of
☐ Adjacent to
☐ Directions

Number/Milepost: 540 | Prefix: | Street or Highway: Brantley | Street Type: ST | Suffix:

Apt./Suite/Room: | City: Newberry | State: SC | Zip Code: 29108 -

Cross street or directions, as applicable:

C Incident Type*

715 Local alarm system, malicious (Incident Type)

D Aid Given or Received*

1 ☐ Mutual aid received
2 ☐ Automatic aid recv.
3 ☐ Mutual aid given
4 ☐ Automatic aid given
5 ☐ Other aid given
N ☒ None

Their FDID: | Their State: | Their Incident Number:

E1 Date & Times — Midnight is 0000

Check boxes if dates are the same as Alarm Date.

	Month	Day	Year	Hr Min Sec
ALARM always required — Alarm *	03	12	2012	22:16:00
ARRIVAL required, unless canceled or did not arrive — ☒ Arrival *	03	12	2012	22:22:00
CONTROLLED Optional, Except for wildland fires — ☒ Controlled	03	12	2012	22:25:00
LAST UNIT CLEARED, required except for wildland fires — ☒ Last Unit Cleared	03	12	2012	22:43:00

E2 Shift & Alarms

Local Option

Shift or Platoon: C | Alarms: | District: 20

E3 Special Studies

Local Option

Special Study ID#: | Special Study Value:

F Actions Taken*

86 Investigate — Primary Action Taken (1)

63 Restore fire alarm — Additional Action Taken (2)

Additional Action Taken (3)

G1 Resources*

☒ Check this box and skip this section if an Apparatus or Personnel form is used.

	Apparatus	Personnel
Suppression	0001	0003
EMS		
Other		

☐ Check box if resource counts include aid received resources.

G2 Estimated Dollar Losses & Values

LOSSES: Required for all fires if known. Optional for non fires.

		None
Property	$, 000 , 000	☐
Contents	$, 000 , 000	☐

PRE-INCIDENT VALUE: Optional

Property	$, 000 , 000	☐
Contents	$, 000 , 000	☐

Completed Modules

☐ Fire-2
☐ Structure-3
☐ Civil Fire Cas.-4
☐ Fire Serv. Cas.-5
☐ EMS-6
☐ HazMat-7
☐ Wildland Fire-8
☒ Apparatus-9
☒ Personnel-10
☐ Arson-11

H1 Casualties* ☐ None

	Deaths	Injuries
Fire Service		
Civilian		

H2 Detector

Required for Confined Fires.

1 ☐ Detector alerted occupants
2 ☐ Detector did not alert them
U ☐ Unknown

H3 Hazardous Materials Release

N ☐ None
1 ☐ Natural Gas: slow leak, no evacuation or HazMat actions
2 ☐ Propane gas: <21 lb. tank (as in home BBQ grill)
3 ☐ Gasoline: vehicle fuel tank or portable container
4 ☐ Kerosene: fuel burning equipment or portable storage
5 ☐ Diesel fuel/fuel oil: vehicle fuel tank or portable
6 ☐ Household solvents: home/office spill, cleanup only
7 ☐ Motor oil: from engine or portable container
8 ☐ Paint: from paint cans totaling < 55 gallons
0 ☐ Other: Special HazMat actions required or spill > 55gal., Please complete the HazMat form

I Mixed Use Property

NN ☒ Not Mixed
10 ☐ Assembly use
20 ☐ Education use
33 ☐ Medical use
40 ☐ Residential use
51 ☐ Row of stores
53 ☐ Enclosed mall
58 ☐ Bus. & Residential
59 ☐ Office use
60 ☐ Industrial use
63 ☐ Military use
65 ☐ Farm use
00 ☐ Other mixed use

J Property Use* — Structures

131 ☐ Church, place of worship
161 ☐ Restaurant or cafeteria
162 ☐ Bar/Tavern or nightclub
213 ☐ Elementary school or kindergarten
215 ☐ High school or junior high
241 ☐ College, adult education
311 ☐ Care facility for the aged
331 ☐ Hospital
341 ☐ Clinic,clinic type infirmary
342 ☐ Doctor/dentist office
361 ☐ Prison or jail, not juvenile
419 ☐ 1-or 2-family dwelling
429 ☐ Multi-family dwelling
439 ☐ Rooming/boarding house
449 ☐ Commercial hotel or motel
459 ☐ Residential, board and care
464 ☐ Dormitory/barracks
519 ☐ Food and beverage sales
539 ☐ Household goods,sales,repairs
579 ☐ Motor vehicle/boat sales/repair
571 ☐ Gas or service station
599 ☐ Business office
615 ☐ Electric generating plant
629 ☐ Laboratory/science lab
700 ☐ Manufacturing plant
819 ☐ Livestock/poultry storage (barn)
882 ☐ Non-residential parking garage
891 ☐ Warehouse

Outside

124 ☐ Playground or park
655 ☐ Crops or orchard
669 ☐ Forest (timberland)
807 ☐ Outdoor storage area
919 ☐ Dump or sanitary landfill
931 ☐ Open land or field
936 ☐ Vacant lot
938 ☐ Graded/care for plot of land
946 ☐ Lake, river, stream
951 ☐ Railroad right of way
960 ☐ Other street
961 ☐ Highway/divided highway
962 ☐ Residential street/driveway
981 ☐ Construction site
984 ☐ Industrial plant yard

Lookup and enter a Property Use code only if you have NOT checked a Property Use box:

Property Use 210 Schools, non-adult, other

NFIRS-1 Revision 03/11/99

K1 Person/Entity Involved

Local Option

Business name (if applicable): | Area Code: | Phone Number: -

☐ Check This Box if same address as incident location. Then skip the three duplicate address lines.

Mr.,Ms., Mrs.: | First Name: Michael | MI: | Last Name: Maybin | Suffix: JR

Number: | Prefix: | Street or Highway: Unknown | Street Type: | Suffix:

Post Office Box: | Apt./Suite/Room: | City: Newberry

State: SC | Zip Code: 29108 -

☐ More people involved? Check this box and attach Supplemental Forms (NFIRS-1S) as necessary

K2 Owner

Local Option

☐ Same as person involved? Then check this box and skip The rest of this section.

Business name (if Applicable): Newberry County School District | Area Code: 803 | Phone Number: 321 - 2600

☐ Check this box if same address as incident location. Then skip the three duplicate address lines.

Mr.,Ms., Mrs.: | First Name: | MI: | Last Name: | Suffix:

Number: 1539 | Prefix: | Street or Highway: Martin | Street Type: ST | Suffix:

Post Office Box: | Apt./Suite/Room: | City: Newberry

State: SC | Zip Code: 29108 -

L Authorization

Officer in charge ID	Signature	Position or rank	Assignment	Month	Day	Year
APD03	Smith, Stuart W	LT		03	12	2012

Check Box if ☐ same as Officer in charge.

Member making report ID	Signature	Position or rank	Assignment	Month	Day	Year
BVOL06	Morris, Andrew R	FF		03	12	2012

FDID	State	Incident Date (MM DD YYYY)	Station	Incident Number	Exposure	NFIRS - Involvement User Fields
36321	SC	3 12 2012	BS	12-0000243	000	

Involvement Name:	Involvement Type:	Owner:	Occupant:
Newberry County School District		X	

Involvement Name:	Involvement Type:	Owner:	Occupant:
Maybin, Michael	Suspect		

MOSELEYARCHITECTS

Building Thriving Communities Foundation

GALLMAN SCHOOL
BUILDING CONDITION ASSESSMENT

LOCATION: 540 BRANTLEY ST., NEWBERRY, SC 29108

MARCH 24, 2023

Moseley Architects
997 Morrison Drive, Suite 601
Charleston, SC 29403

Ben Whitener, AIA, LEED AP BD+C
bwhitener@moseleyarchitects.com
(843) 577-5063

MOSELEYARCHITECTS

997 Morrison Drive
Suite 601
Charleston, SC 29403
P: (843) 577-5063

March 24, 2023

Re: Gallman School Building Condition Assessment
540 Brantley Street, Newberry, SC 29108

Building Thriving Communities Foundation
c/o Krista E. Hughes, Ph.D.
P.O. Box 321
Newberry, South Carolina 29108

Dear Dr. Hughes and members of the Foundation,

Moseley Architects is pleased to submit the attached material as part of the Gallman School Building Condition Assessment. The following condition assessment involves a coordinated effort from architects and engineers to provide the Owner a visual and written document of existing conditions with recommendations and cost estimates to assist in planning renovations to their facility.

An overall rating in our opinion of the facilities is as follows:

Exterior (windows, doors, stairs, site, and roof): fair/poor, (brick veneer): good/fair

MEPFp (mechanical, electrical, plumbing, and fire protection) systems: poor

Interior (finishes, stair, doors): fair/poor

Structural: fair

All the findings, large and small, are detailed throughout the following report. There are multiple "big ticket" items that will need to be addressed with the site, envelope, finishes, MEPFp, and code prior to any potential occupancy. It was discussed that the building might be used as a community center, or perhaps used for business offices. The previous use – E (educational) would be difficult to achieve with modern building code requirements, but a B (business) occupancy is much less stringent from a code standpoint. Assembly uses add occupant load and require more from a building in terms of life safety. Any occupancy is potentially viable, but it is recommended to have the discussion with the Architect and committee prior to a commitment.

The Owner can use this report to identify specific areas of work to be done and when they should be addressed. No specific phasing plans of renovation work are given in this report, but it is recommended that major deficiencies be addressed as soon as possible. Our recommendation would be to address all the issues within this report, but we understand that financing all the items could be a costly endeavor. The primary concerns that should be addressed as soon as possible are those items that deal with structure, life safety, code, and moisture (water carry off systems, envelope water tightness, etc).

The National Park Service Technical Preservation Briefs should be followed when doing any future repair work to the interiors or exteriors.

If you have any questions or concerns regarding this report, please do not hesitate to call or email me.

Benjamin S. Whitener, AIA, LEED AP BD+C

Principal, Charleston Office Leader

843-577-5063

bwhitener@moseleyarchitects.com

A

Introduction

1. Purpose

The following assessment summarizes the evaluations made during a site visit to the subject property on December 12, 2022. Authorization to perform the assessment was given by the Building Thriving Communities Foundation and Dr. Krista Hughes. The assessment was completed following the agreed upon scope as determined in the original contract. Ben Whitener (Moseley Architects), Steve Grant (CCCS International), and Aaron Temple and Arik Kramer (EPIC Inc) attended the site visit for investigations. Dr. Hughes assisted with gaining access to the facility and led a tour of the facilities prior to the investigations. S&ME visited the site to conduct a hazardous materials assessment on November 15, 2022. The existing building was captured via LiDAR (light detection and ranging) scan on December 8, 2022. The scan was used to create existing building plans, elevations, and a three-dimensional model. John Murden from Moseley Architects also visited the site on December 8.

This document contains the condition assessment of the Gallman School.

2. Special Terms and Conditions

Not Applicable

3. Limitations and Expectations

This report is limited to the visual observations performed in the field and is based on the professional analysis of licensed architects and engineers. The observations were limited to what was visible without any destructive testing - no test cuts were done to the existing facilities (the hazardous materials assessment did perform test cuts – see report in Appendix). It is recommended that a section(s) of brick and stucco be removed prior to any major renovations to observe the condition of the ties and furring that are used as support. This report is for the sole use of The Building Thriving Communities Foundation.

Exterior siding condition- Typical

B

Site Description

1. Location and Legal Description

Gallman School is located at 540 Brantley Street in Newberry, SC 29108. It is within the City of Newberry and approximately a mile away from the city center. The TMS number is 343-8-8-21. Zoned R-6.

2. Site and Vicinity Characteristics

The property is in the city limits of Newberry. The original school site was approximately 16 acres to include the school and all ball fields. The plat from July 1952 shows the site generally sloping from high ground on the northern end to lower ground and Scotts Creek on the southern end.

3. History and Significance

The Gallman School is an equalization school from the 1950's. These schools are recognized throughout SC. Many have been demolished or abandoned. The original building was designed by architect Irvine Leslie from Newberry, SC (Figure 2). The drawings are dated March 1953. The addition drawings were done by the same architect and dated September 1957 (Figure 3). The original school building is approximately 23,850 square feet and single story (see description on Equalization school architecture on page 9). The addition is approximately 9,250 square feet total and is a two-story building. The gym was part of the original construction and is also a two-story building. It is approximately 18,400 square feet.

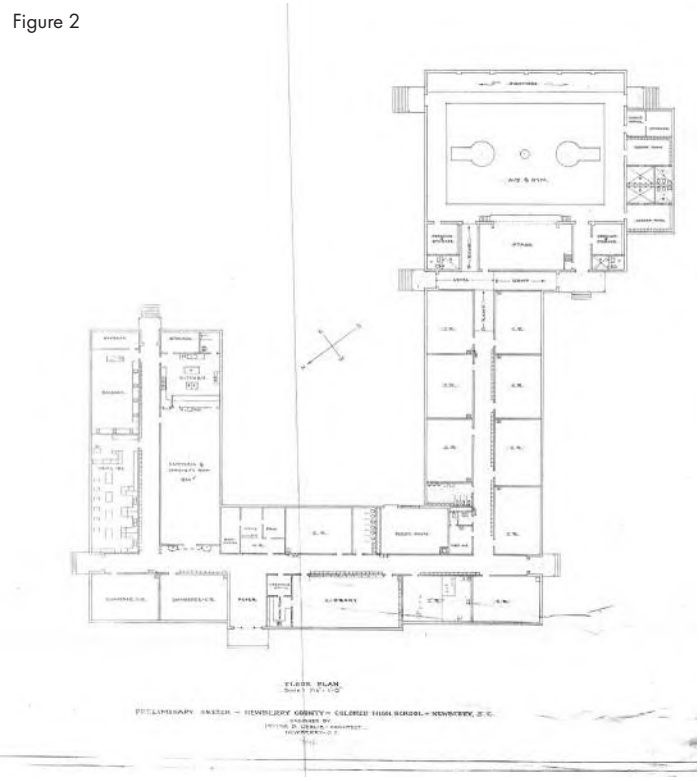
Excerpt from the Gallman School Assessment RFQ:

> The Gallman School is located at 540 Brantley Street in Newberry, South Carolina. The school was completed in 1954 and served as Gallman High School for African-American students in Newberry during the era of segregated education in South Carolina. Funding for the school came through the state's "equalization" funding mechanism that sought to improve school facilities for African-Americans while at the same time maintaining segregation. After integration in 1970, the school served as Gallman Junior High School, then Gallman Elementary School until its closure in 2019. The school is now owned by the Building Thriving Communities Foundation (a Newberry non-profit organization) with the goal of rehabilitating it for use as a community center. The school is eligible for listing in the National Register of Historic Places.

There is a great resource for South Carolina's equalization schools. It is hosted at www.scequalizationschools.org

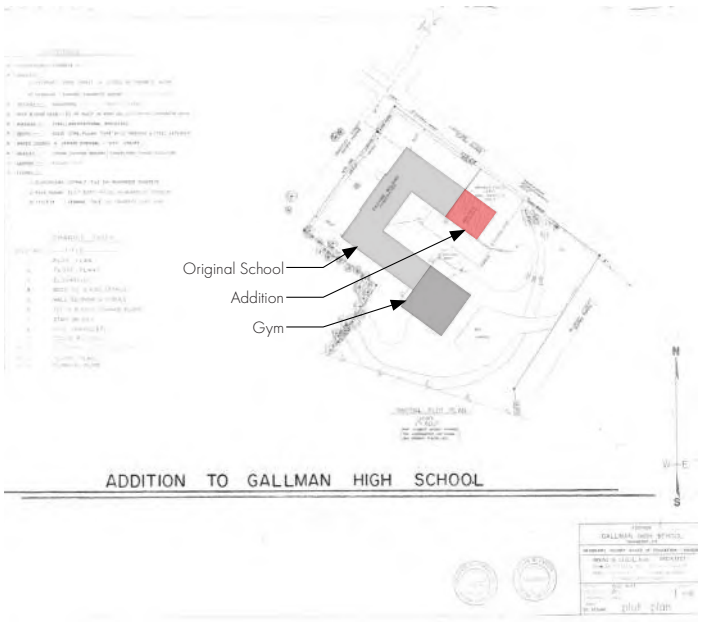
The National Park Service references the SC Equalization Schools website on their own page: https://www.nps.gov/articles/000/south-carolina-south-carolina-equalization-schools.htm

Figure 2



Preliminary sketch of Gallman High School

Figure 3



Addition to Gallman High School

South Carolina's Equalization Schools 1951-1960

School Architecture (http://www.scequalizationschools.org/school-architecture.html)

Easy expansion led to the most significant architectural change in school buildings constructed after World War II. One-story, flat-roofed buildings easily accommodated additions. One-story schools also eliminated the need for staircases and fire escapes from upper floors, contributing to the safety of the new schools. Classrooms located on one floor provided easy access to the outside for the students. One-story schools also provided better lighting and ventilation for the classrooms. Rows of windows across the façade of the schools allowed an abundance of light to enter the classroom.

Architects employed design materials, such as glass blocks, that doubled as a technique to control lighting in schools. Rows of windows contributed to the design aspect of the schools, providing clean lines and breaking the mass of the building dictated by the architectural belief in single story schools.

The open corridor plan, in which classrooms opened directly to an outdoor hall or to an outdoor courtyard, was a popular choice as this plan allowed for cross ventilation and natural lighting in the classrooms. New schools had concrete frames, a solid and cheap building material, with brick veneer to soften the structural materials and to improve the buildings' aesthetic quality. Classrooms were generally thirty feet by thirty feet with nine-foot ceilings and "window-walls" which provided better lighting and ventilation in the classrooms.

South Carolina's schools constructed under the equalization program followed these post-WWII trends, resulting in architecturally distinctive schools across the state.

4. Building Description

The gym is 18,470 SF (9,235 SF first floor & 9,235 SF second floor), the original school is 23,835 SF, and the addition is 9,245 SF (4,875 SF first floor & 4,370 SF ground floor). The facility's total square footage is 51,550 SF.

Gallman School

Interior

Flooring – wood (gym), vinyl composition tile, sheet vinyl, carpet, ceramic tile

Ceilings – painted concrete, acoustical ceiling tile, acoustical ceiling panels, vermiculite (addition)

Walls – painted concrete masonry units, wood paneling (not original), ceramic tile

Exterior

Walls – modular brick with running bond

Roofing – built up low slope roofing, could not access gym roof

Stairs – concrete

5. Current Uses and Occupancy of Building/Property

The main school building is not occupied. The gym is still used, but only the first floor. The lower level is not occupied. The gym building would be considered an A-3 occupancy under the 2021 SC building code. From discussions with the owner, they would like to explore using the building as a community center and/or space for business/office. See discussion concerning Code later in this report for more information.

6. Assessed and Appraised Value of the Property

The appraised value of the land and improvements:

Land: $35,400

Building: $386,800

Total: $422,200

The assessed value of the land and improvements:

Land: $2,124

Building: $23,208

Total: $25,332

(As indicated in an email dated Feb. 14, 2023 from Bob Beard at Newberry County.)

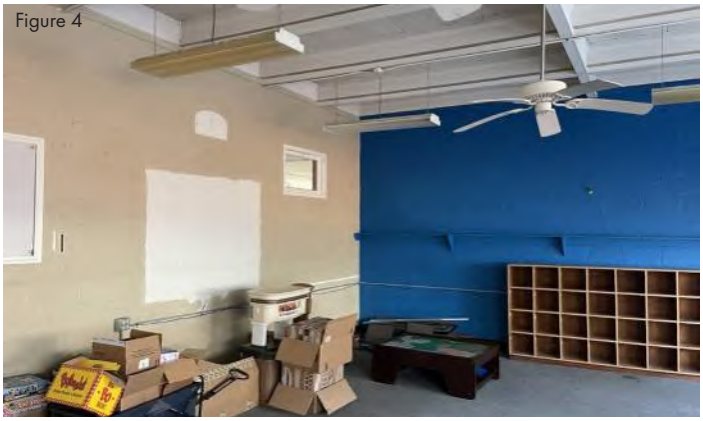
C

Suspected Presence of Hazardous Materials

See the included Hazardous Materials Assessment Report prepared by S&ME - Appendix 1. It is recommended that all hazardous materials are removed by a licensed abatement contractor prior to any building renovations or future occupancy.

D

Investigation and Evaluation of Systems



Interior walls' paint finish - good/fair condition

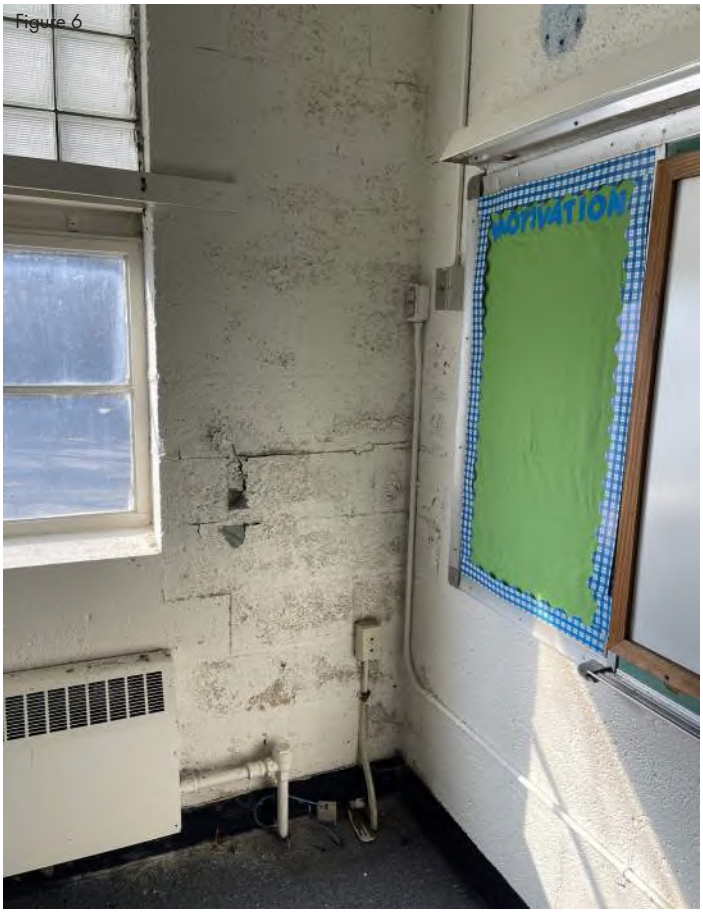
Evidence of moisture infiltration at exterior walls

1. Interior Finishes

Wall Finishes

The wall finishes in the main school area are primarily painted concrete masonry units (cmu). The cmu sizes vary in size from 4" to 8" but they are used for interior and exterior walls. Most of the paint finishes on the cmu are in fair condition, but the interior walls themselves are in good condition (Figure 4). The paint finishes on the inside surface of the exterior cmu walls are in poor condition in numerous areas. This is due to moisture infiltration in the exterior wall. (Figures 5-9) It is recommended to address all envelope issues prior to occupying the building in part or whole.

The tile wall finishes are located in restrooms and locker room areas. They are primarily 4x4 ceramic tile. The tile is in fair/poor condition but does appear to be original to the school. The hazardous materials report does note that there is lead paint present in the tiles. If renovations are done to these areas, a matching style tile could be used.



Evidence of moisture infiltration at exterior walls

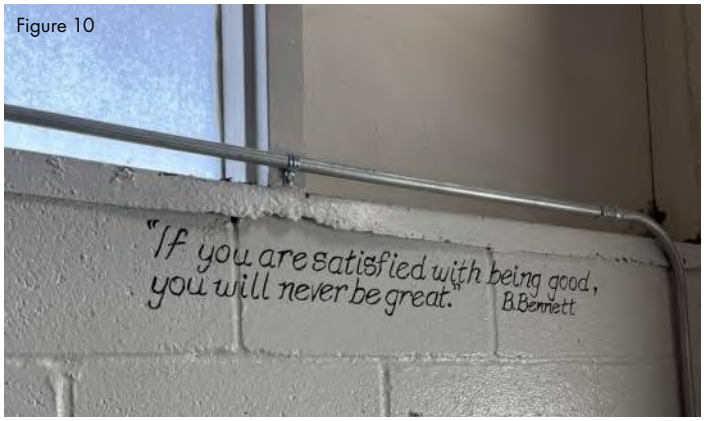
Evidence of moisture infiltration at exterior walls

Evidence of moisture infiltration in addition stairwell

Figure 9

Crack in cmu in gym

Figure 10



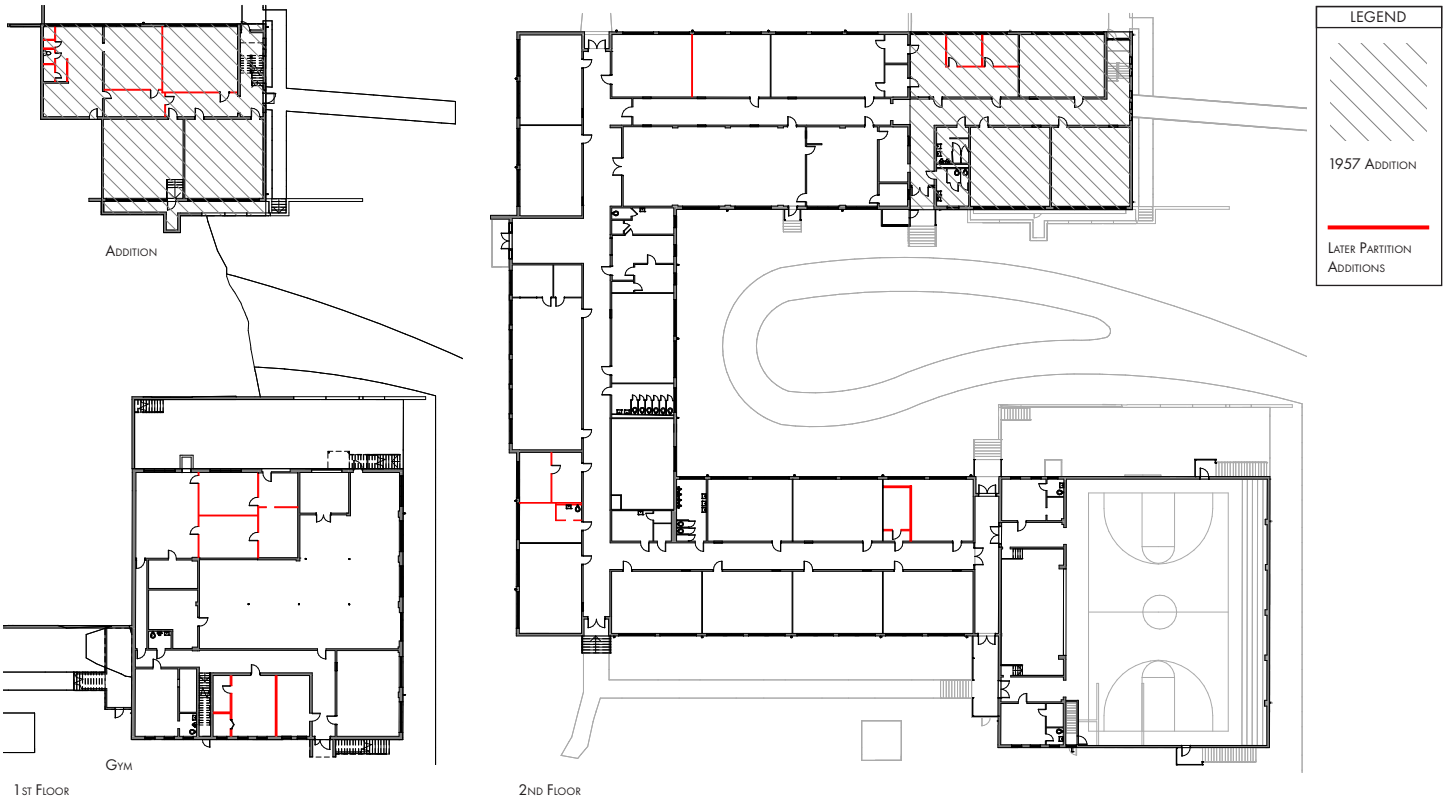
Quotes written on some walls - potential to reuse language in renovated building

There is ¼" wood paneling on some of the interior walls. They are in the locations of new walls (constructed after original building) (Figure 11) and to areas around the original principal's office and teacher lounge area. (Figures 12-14) The wood is not original or period and is recommended to be removed during the next renovation.

Ceiling Finishes

The ceilings are primarily dropped acoustical ceiling tiles (ACT) in the corridors of the school with exposed painted concrete in the original building and exposed vermiculite in the addition. The gym has 2x2 acoustical ceiling panels (ACP). 2x4 acoustical ceiling panels are located in several

Figure 11



Added interior walls that are not original

Walls not original

Office area adjacent to entrance lobby

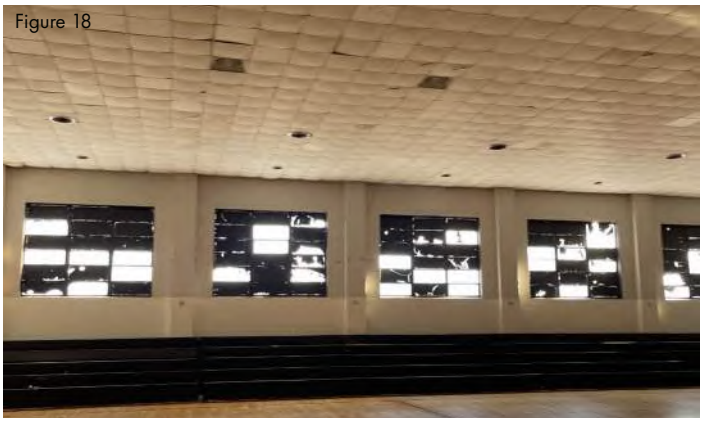
Original principal's office

ACP ceiling in fair condition - notice bending of the panel edges

areas of the school as well. The painted concrete ceilings with exposed concrete joists and deck are in good condition where there has been no moisture infiltration. These areas could remain as is for future use unless there is a specific need for acoustical treatments. This could be achieved by using wall panels as well. The 2x2, and 2x4 ceiling panels would not have been original to the building. Most locations are in fair condition with noticeable bending of the panel edges (Figures 15-18) It is recommended that all dropped ACP ceilings be removed. The 12x12 ACT are more than likely original. Although many of these period tiles are associated with asbestos, the S&ME report tested negative for the samples gathered. There are many areas of ACT that are damaged and should be replaced. (Figures 19-22)

ACP ceiling - notice moisture damage

Original opening for skylight - Wasco Skydome (original drawings)



Gym ceiling

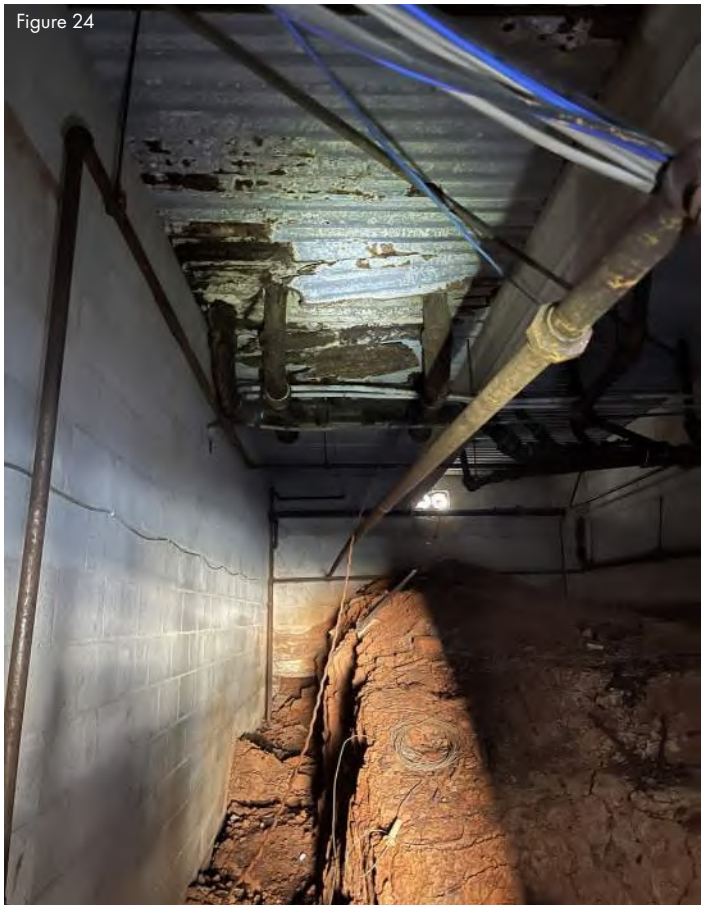
Damaged ACT in gym

Damaged and missing ACT in gym

Damaged ACT in main corridor

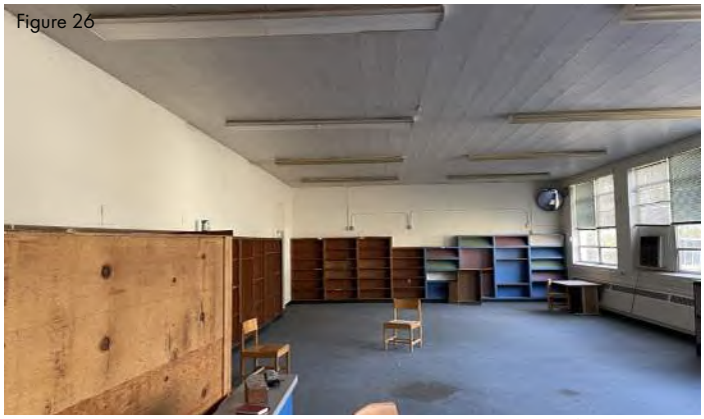
Damaged ACT in corridor

Quarry tile in kitchen



Damaged floor system from below

Ceramic tile in restrooms - good condition



Carpet in a classroom/poor condition

Floor Finishes

The floor finishes are vinyl composition tile, carpet, sheet vinyl, ceramic tile and quarry tile. Most of the floor finishes do not appear to be original. The 9x9 tile under the 12x12 could be original, but it contains asbestos and should be removed. The carpet is in poor condition and is also covering existing asbestos tile. The quarry tile in the kitchen is in fair condition (Figure 23) but could be replaced with matching tile when there is a renovation. The kitchen and restroom area shows a damaged floor system from below and will more than likely need to be replaced (Figure 24). The ceramic tile in the restrooms is in good condition. It could potentially remain in place pending owner use of the current spaces (Figure 25). The wood floor in the gym appears to be original and is in good condition. It is recommended that no mechanical conditioning be introduced into the gym without being properly designed. It would probably be best to add large fans rather than mechanically heat and cool. Cooling or heating could cause the wood to buckle and fail. (Figures 26-28). Other than the wood floor in the gym, there are no floor finishes in the building that would be considered “character defining” or historic and worthy of saving.

2. Windows, Doors, and Trim

The windows and doors are typical for the age of the building. The glass block and horizontal single glazed windows would have let a lot of natural light into the once used classrooms. The windows are in fair condition and could be refurbished. They are single glazed so there is not much existing R-value. Typically, when historic windows are saved interior vented storm windows can be added to increase the thermal performance. (Figure 29) It can be difficult to remove steel windows to refurbish them, so a discussion should be made to understand expectations and goals prior to renovations. There is noticeable moisture damage on many of the interior window sashes and sills. Glazing putty has failed in most areas as well. (Figures 30-33) The doors are in fair condition, however most of the hardware is not compliant with ADA/ANSI A117.1. Most of the doors appear to be original with transoms above (Figures 34-35). A survey of all doors and windows to describe necessary renovations would be included in future renovation drawings for a contractor. The exterior panic hardware should be replaced in all locations. (Figures 36-37)

There is not much interior trim in the building. The baseboards are 1x wood and are in good/fair condition depending on location (Figure 38).

The original chalkboards have been replaced or covered with whiteboards in the same locations shown on the design drawings (Figure 39).

3. Insulation

No insulation was observed during the visit. (Figures 40-43)

Adding rigid roof insulation should be explored prior to any roof renovations. A minimum R-19 should be achieved. Wall insulation could be tough to add without changing the original aesthetic of the interior and exterior. The original design has concrete masonry units as the load bearing wall with a brick veneer and no insulation. Interior framed walls could potentially be added around the inside face of the exterior walls for a cavity to add insulation. A breathable and moisture resistant insulation (mineral wool) could potentially be used after discussions with the mechanical engineer that will be designing a new heating and cooling system.

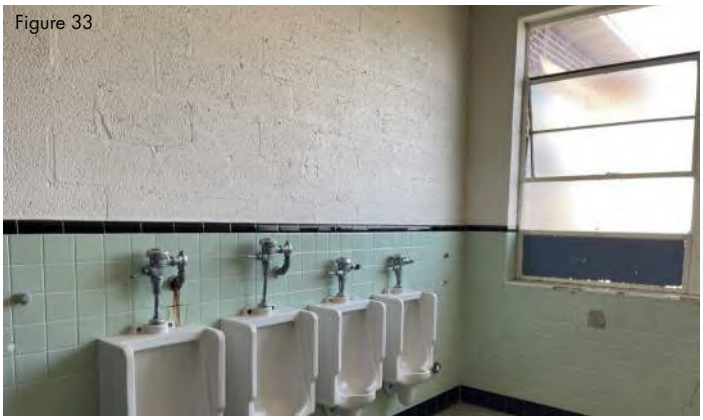
Condition of carpet/poor condition

12x12 VCT over 9x9 asbestos tile in corridor

Typical condition of windows and glass block

Windows in the space under the gym have been covered

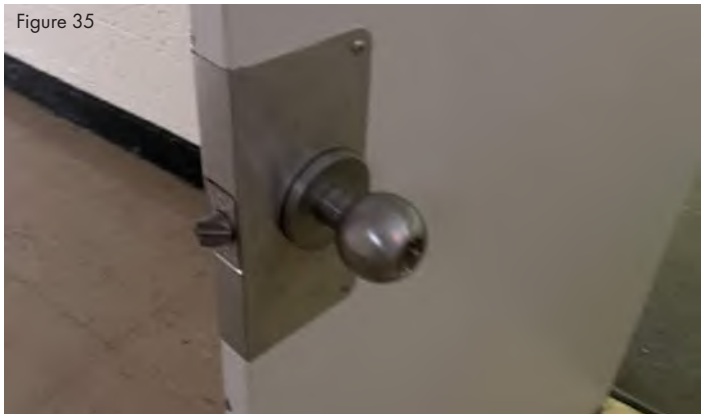
Windows in the gym with dark coating



Notice the painted coating on the inside face of the awning windows

Damaged window sill

Notice the small vision glass opening and the transom

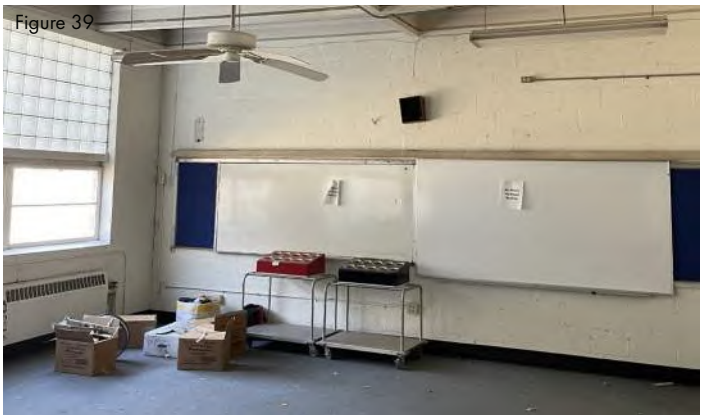


Noncompliant knob hardware

Recommend restoring all transoms above doors

Damaged glazing should be replaced

Wood baseboard throughout



Whiteboards located over original chalkboards

Typical exposed ceiling in classrooms - underside of concrete roof deck & concrete joists

Exposed ceiling in cafeteria - underside of concrete roof deck & concrete joists

No insulation above the acoustical ceiling tiles in corridors

Vermiculite is sprayed on steel for fireproofing in the two-story addition

4. Exteriors

The exterior of the building is primarily brick masonry in a running bond pattern. Stairs and landings are concrete, and the overhangs from the roof are concrete (Figures 44-45).

The exterior walls are generally in good condition except at the addition area. The stucco and metal accessories behind are in poor condition. The steel windows in this area are also in worse condition than the original construction. (Figures 46-48)

The main entrance is a subdued entry typical of 1950's modern architecture. It is framed with steel columns and a concrete roof (Figures 49).

The existing concrete stairs and ramps are in poor condition and have multiple code issues (Figures 50-51). The ramp off the Langford Street side appears to have been added for accessibility, however it is too steep to be used for that purpose. (Figures 52-59)

Concrete roof deck overhang

View of main entrance facade

Rusting metal components and spalled stucco

Steel window condition

Steel window condition

Main entrance

Gym rear entrance

Gym side entrance - notice spalled concrete

Ramp with approximate 12″ rise - anything greater than 6″ should have railing

Ramp with approximate 12″ rise - anything greater than 6″ should have railing

Stair to closed in door

Exterior stair on site adjacent to gym - notice no handrail

Not an accessible path into the ground floor of the addition

No railing

Guardrail is not high enough, 42" above 30" drop, and no pickets or panels between rails is a safety concern

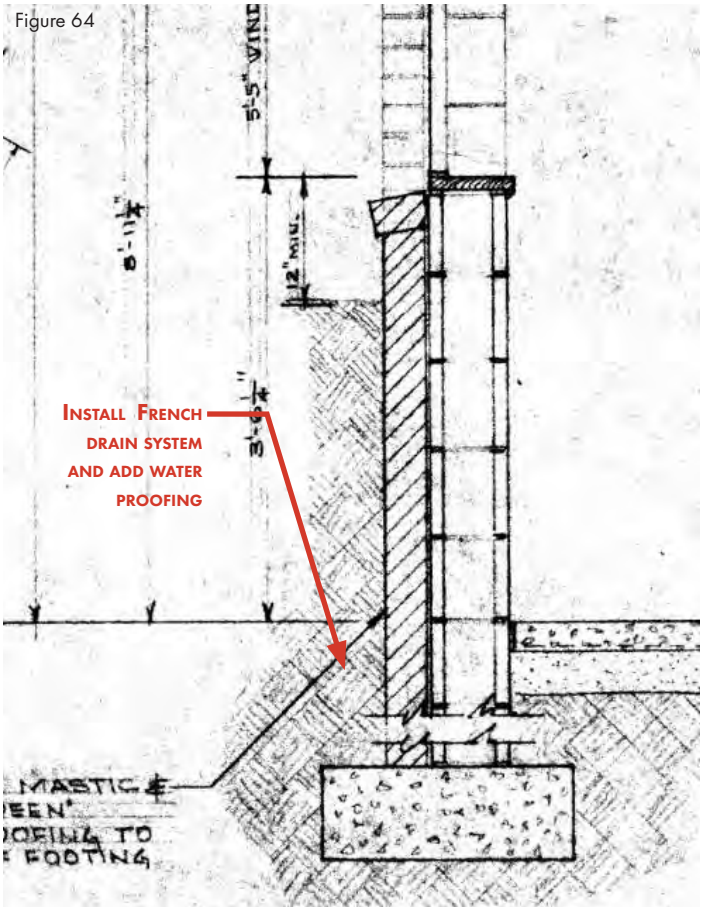
Guardrail is not high enough, 42" above 30" drop, and no pickets or panels between rails is a safety concern

Standing water at boiler room access

Standing water at boiler room access

Original school section adjacent to gym

View from door in addition



Existing exterior wall condition at grade (from original drawings)

Crawl Space – The crawl space is accessible from the exterior of the building and several locations from the interior. The addition has doors that access the crawl space of the original building. The boiler room of the original building also has an access to the crawl space. There was no noticeable standing water on the Langford Street side of the original building, but there was a good amount of water viewed from the boiler room access (Figures 60-63). The moisture issue should be dealt with during the renovations. One recommended solution could be waterproofing the exterior wall and installing of a French drain system (Figure 64).

Roof – The existing built-up roofing is past the end of its useful life and needs to be replaced. (Figures 65-69)

The roof should be considered a primary concern to be replaced even if a use is not determined for a considerable time. As mentioned in the insulation section, it would be a good idea to add insulation above the roof deck prior to reroofing. The gym roof could not be accessed, but from the moisture evident inside the gym it is recommended to also be replaced. Site drainage from downspouts should also be studied to ensure water carry off from the building perimeter (Figure 70).

Site – No civil assessment was conducted during the visit, but there are grading issues and site paving/circulation issues that should be addressed. (Figures 71-72)

Panorama of the roof

Ponding on roof

Ponding on roof

Ponding on roof

Ponding on roof

Typical downspout condition

General condition of paving/poor

General condition of paving

General condition of paving

Non accessible ramp

Non accessible ramp

5. Building Accessibility

There are numerous issues with ICC A117.1 2017 and ADA compliance. Door hardware, clearances, and plumbing facilities are all non-compliant. Discussions with the AHJ (authority having jurisdiction) about the renovation scope/budget will need to occur to determine the extent of modifications required moving forward. It is recommended to make the facility as accessible as possible with funds that are available. At a minimum, accessible parking with an accessible path to the entrances with access to the renovated floors should be achieved (Figures 73-74).

6. Code

The building occupancy was educational but has been unoccupied for more than a year. The 2021 SC Building Codes will be used when the renovation design work follows this assessment.

Some of the major code issues that will need to be addressed:

- Railing/guardrail at stairs and vertical heights greater than 30”
- Sprinklering the building or rating all interior corridors. If assembly or educational occupancies are desired, sprinklering the building could be required.
- Stairs – most need to be reconstructed due to failing concrete, riser heights, and general condition.
- All egress lighting and alarms need to be replaced (see electrical section)
- Replace all panic devices and hardware on exterior doors.
- Energy code – identify key areas where additional R value can be added.

7. Mechanical - EPIC Engineering Solutions

Heating for most of the facility was provided by a natural gas boiler that provides steam to a combination on floor/ceiling mounted radiators, fan powered steam unit heaters and steam fan coil units (Figures 1-5). The steam piping and steam coils/radiators/heaters are most likely original to the building. The original school building was completed in 1954 and the two-story classroom addition around 1959. The existing boiler was manufactured in 2001 by Peerless Boilers and was last inspected around 2015 by South Carolina LLR (Figures 6-7). The 2,922,000 BTUH boiler was not operational during our visit and has exceeded its normal service life (Figures 8-10). The steam condensate return pumps where not operational and have exceeded their normal service life (Figures 11-12). There are sections of steam piping that are not insulated or not insulated with the correct materials throughout the facility (Figures 13-19). Most of the steam piping is installed in the crawl spaces or in between floor and is easily accessible (Figure 20). Steam radiator covers are in disrepair or damaged throughout the facility (Facility 21-27). The brick chimney in the boiler room should be inspected if to be reused in the future (Figure 28). The boiler system is at the end of its service life and should be replaced. See figures 29 and 30 for gym gas heaters.

Kitchen heated with fan forced heater suspended from the roof structure.

Shop area heated with two fan forced steam unit heater. Heaters in fair condition. Air hander serving classroom in fair condition.

Shop steam unit heater #2.

Gym heating unit #1. No cooling. Could not verify age or operation but equipment has exceeded its normal service life.

Gym heating unit #2. No cooling. Could not verify age or operation but equipment has exceeded its normal service life.

Boiler last inspected in 2015.

Boiler name plate information.

Boiler in Fair condition. Could not verify age or operation but equipment has exceeded its normal service life.

Back side of boiler. Cabinet is rusting.

Boiler controls.

Hot water/Steam pipe insulation in various conditions. Some sections need to be replaced.

Steam condensate return pumps in fair condition. Could not verify age or operation but equipment has exceeded its normal service life.

The radiator at bottom of classroom stairwell needs to have pipe insulation replaced.

Exposed steam piping in lower-level classrooms. Window unit for cooling.

Gaps in the piping insulation need to be addressed.

Exposed steam piping in lower-level classrooms. Window unit for cooling.

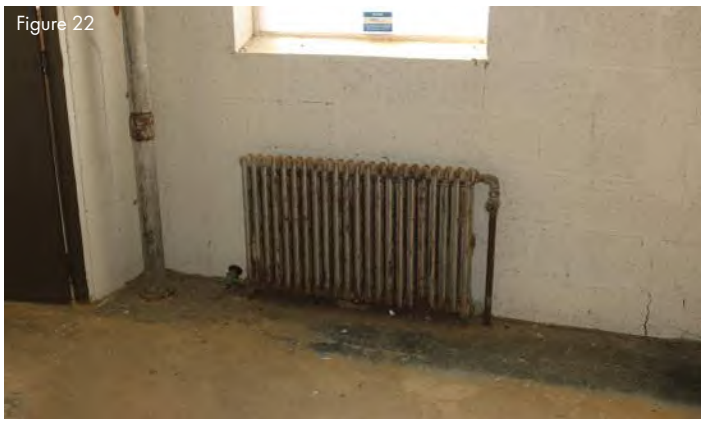
Lower-level classroom stairwell needs to have pipe insulation replaced.

Lower-level classroom stairwell needs to have pipe insulation replaced.

Roof leaks damaging pipe insulation. Insulation needs to be replaced.

Roof leaks damaging pipe insulation. Insulation needs to be replaced.

Steam condensate return pumps in fair condition. Could not verify age or operation but equipment has exceeded its normal service life.



Exposed radiator in gym men's toilet.

Exposed radiator in gym women's toilet.

Classroom radiator cabinet missing end caps.

Classroom radiator cabinet damage.

Classroom radiator cabinet damage.

Classroom radiator cabinet damage.

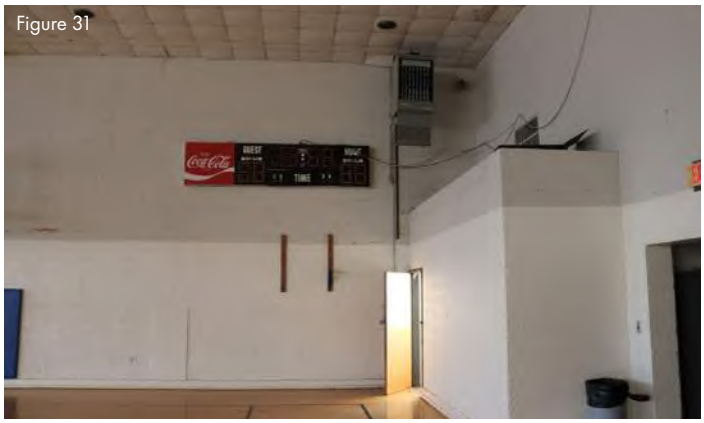
Exposed radiator in toilet/shower room. No pipe insulation. Typical.

Cooling to the building is provided by a combination of wall mounted thru the wall Bard type units, standard and mini-split system heat pumps, and window AC units. There are approximately forty-five units varying in size and conditions (Figure 32). Most of the Bard type units were installed between 1990 through 2002 and have exceeded their normal service life (Figures 33-39). All the split systems appear to be 10-15 years old and are approaching their normal service life (Figures 40-41). These units should be evaluated one by one to determine if they are operational. There are approximately 35 window AC units in this building (Figure 42). Many are in disrepair, not operational and incorrectly installed (Figures 43-49). Verifying unit age was not possible but three fourths of the units have exceeded their normal service life (Figures 50-53).

No outside ventilation air was observed for the entire facility. Code required minimums need to be addressed in the future. Bathrooms are exhausted via ceiling cabinet fans, side wall fans as well as roof mounted fans (Figures 54-55). All fans are at the end of their service life. Exhaust air is discharged to outside at various locations (Figures 56-58).

Chimney should be inspected if it is to be reused in the future for boiler and water heater flues.

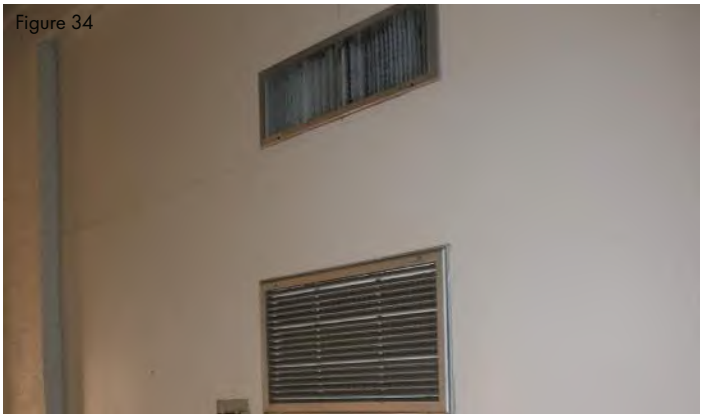
Wall mounted gas heater #1 in good condition.



Wall mounted gas heater #2 in good condition.

Example of newer window air conditioner

Cafeteria conditioned with two Bard through the wall heat pumps and ceiling fans.



Cafeteria Bard unit supply and return grilles need to be cleaned and are in good condition.

Cafeteria Bard unit supply and return grilles need to be cleaned and are in good condition.

Lower-level Gym office area served by Bard unit. Steam unit heater in the background.

Shop Bard unit supply and return grilles. Supply grille needs to be cleaned.

Exterior view of Cafeteria Bard air conditioning unit.

Exterior view of Lower-level Office area Bard air conditioning unit.

I.T. room mini-split wall mounted air handler.

I.T. room split system air handler in good condition. Note moisture issue on right hand wall.

All lower-level window air conditioners are in fair condition. Could not verify age or operation but equipment has exceeded its normal service life.

Window air conditioned not properly installed.

Window air conditioned not properly installed.

Kitchen air conditioned with multiple window mounted units. Could not verify age or operation but equipment has exceeded their normal service life.

Classroom missing window air conditioner.

Exterior view of kitchen window air conditioning units.

Typical exterior view of window air conditioning unit.

Typical exterior view of window air conditioning unit.

Thru wall air conditioner discharges into the boiler room. Unit should be removed.

Thru wall air conditioner missing cover. Could not verify age or operation but equipment has exceeded its normal service life.

Thru wall air conditioner in bad condition. Could not verify age or operation but equipment has exceeded its normal service life.

Description Thru wall air conditioner in bad condition. Could not verify age or operation but equipment has exceeded its normal service life.

Women's toilet exhaust fan installed in window needs to be replaced.

Men's toilet roof mounted exhaust fan needs to be replaced.

Ventilation/exhaust opening in classroom should be sealed up if not needed in the future.

Exhaust fan and grille in classroom should be removed and sealed up if not needed in the future.

Exhaust fan in classroom should be removed and sealed up if not needed in the future. Possible moister damage.

I.T. room heat pump. Could not verify age or operation but equipment has exceeded its normal service life.

Kitchen good in good condition. Grease duct needs to be fire wrapped.

Kitchen hood make-up air sections in good condition.

Make-up air duct in good condition.

Kitchen hood exhaust and make-up air fans on roof are in fair condition.

The outdoor sections of the heat pumps are located on concrete pads at grade level. The unit cabinets are rusting. Most of the refrigerant piping insulation has deteriorated due to exposure to the elements. All outdoor units are at the end of their service life (Figure 59).

The kitchen hood is in fair condition. The grease exhaust duct is in good condition but is not fire wrapped (Figure 60). The make-up air duct is in good condition, but the make-up air system is not tempered (Figures 61-63). Both roof mounted fans are at the end of their service life.

(See appendix 2 for mechanical plan notes.)

8. Electrical - EPIC Engineering Solutions

The electrical service is derived a from pad-mounted 208/120 volt, 3 phase, 4 wire transformer located in rear courtyard (Figure 1). From the transformer it appears that the electrical is routed through an exterior panel where service is then routed underground to the North and South wings of the building underground and up along the wall to two 600-amp services (Figures 2-5). We were unable to verify the interior of the panel, but believe it was added to the system to provide protection of the cabling before the cabling enters the building. The electrical to the north wing is routed underground to the building and then rises from the ground into a junction box where it enters the building. The North wing electrical room is located adjacent to the kitchen (Figure 6). The electrical to the south wing is routed underground to the building and then rises from the ground to an electrical weather head. Cable then spans to another weather head before it inters the building. The weather head to weather head cable connection is unconventional (Figure 7). The south wing electrical rooms are located on the ground level (Figure 8) and on the stage in the gymnasium (Figures 9-10). We believe the electrical service was installed in this manner when overhead power was changed to underground power in the rear courtyard and add two electrical panels to serve air conditioning units located throughout the building. The two air conditioning panels are located on the exterior wall of both north and south wings. See figures 8 and 9.

The original panels are approximately 65 years old and are at the end of their service life. Most of the original electrical panels are as manufactured by Federal Pacific Electric (FPE). FPE panels are reported to be able to work for years and then after only one fault can overheat and result in fire hazards. It is reported that insurance companies will not insure buildings with FPE panels. The panels must be replaced during renovations. Most of the electrical circuits are constructed with electrical metallic tubing (EMT). Over the years as power was needed both EMT and flexible metal-clad cable (MC) were used to service various loads (Figures 13-17). The cable and conduits are at the end of

Transformer and Distribution panel are rusting and showing signs of age.

South wing exterior surface mounted panel is rusting.

Interior south wing of electrical panel missing escutcheon and has dirt, cobwebs and debris inside.

North wing exterior surface mounted panel is rusting.

Interior north wing of electrical panel is rusting inside.

Main electrical room serving the original facility.

Electrical service serving the south wing is installed in an unconventional manner.

Electrical panel located directly under an air handling unit.

Gymnasium main and sub panel are at the end of their useful service life.

General condition of the interior of the gymnasium panels is dirty and dusty.

Exterior disconnect is missing interior escutcheon to conceal the wiring and is open to the elements.

Several areas are installed in a "as best as they could" be manner.

Several circuits throughout the facility have not been terminated properly.

Telephone and IT room equipment is missing cover and not secured properly.

Receptacle not terminated properly.

Light switches and receptacles located above and within 6′ of plumbing fixtures are not ground fault interrupt protected as require by code.

The kiln room circuit is not terminated properly.

Typical Original Building Classroom Lighting. Several fixtures are not operating.

Typical Building Addition Classroom Lighting. Several fixtures are not operating.

Typical Hallway Lighting and broken security camera.

East exterior recessed light is damaged.

General deformed condition of Cafeteria lighting fixture.

their service life and should be replaced during future renovations.

Lighting throughout the building is provided utilizing various light fixtures. Primary overhead classroom lighting is provided utilizing fluorescent fixtures with T-12 fluorescent lamps (Figures 18-19). Lighting in other areas is provided through incandescent bulbs. Different areas are as described in the drawings and shown in the photographs (Figures 20-28). The lighting throughout the facility should be replaced during the renovations.

There was not any emergency egress lighting installed throughout the building. Emergency lighting must be installed during the renovation. None of the egress lighting that was randomly tested operated properly on battery power. The exit and egress lighting should be replaced.

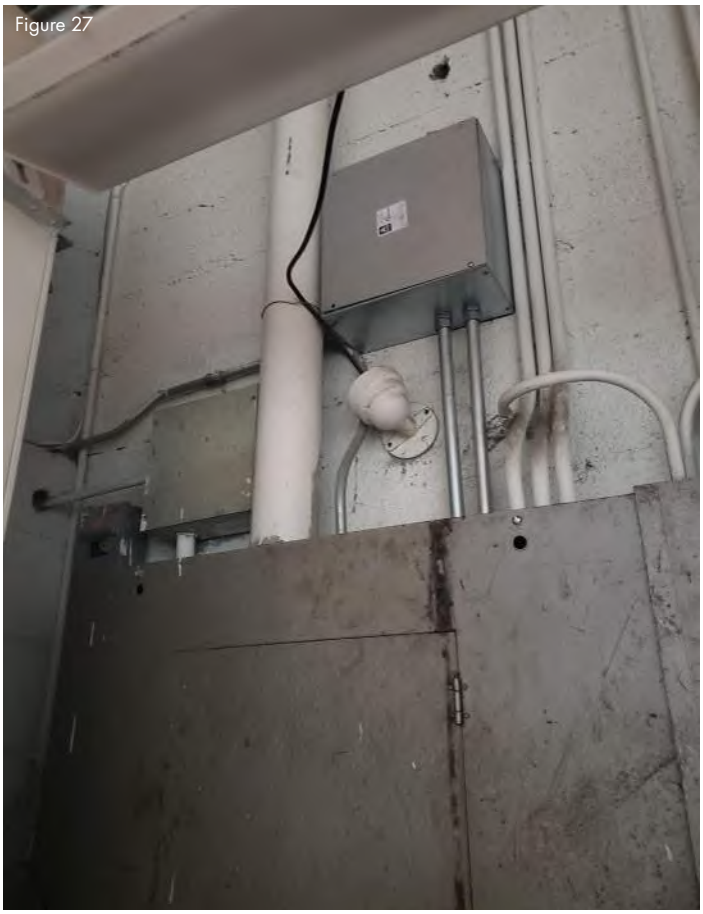
(See appendix 3 for electrical plan notes.)

Stage Lighting. Several sockets do not have bulbs installed.

Library Lighting. Several fixtures are not operating.

Light fixtures in the kitchen are not cleanable and don't meet current SCDHEC standards.

Lower-level Gymnasium building lighting. Several of the light fixtures are operating.



Light fixture was reworked in an unconventional manner to provide power to a light strip.

Typical lighting and ceiling fan circuitry not terminated properly.

9. Plumbing - EPIC Engineering Solutions

The plumbing systems serving the school are in fair condition for its age. Water is provided to the buildings via municipal water piping and the waste is piped to the local sewer purveyor.

The original domestic water piping system is approximately 64 years old and appears to be in fair condition. All observed domestic water piping was either copper, Schedule 40 PVC or PEX piping. The main water shut-off valve serving the building is by the reduced pressure backflow preventer near the front entrance. Waste piping observed was either cast iron or PVC (Figures 1-2). Cast iron waste piping serving the classroom expansion men's and Women's toilet has rusted through and needs to be replaced. All water waste and vent piping are at the end of their service life (60 years) and should be replaced.

All toilet plumbing fixtures were not in working order and some may not meet ADA requirements. The existing toilets (Figures 3-11) are flush valve type and the urinals are also flush valve type (Figures 12-14). All lavatories are wall hung type with chrome faucets (Figures 15-23). Most of the fixtures are stained and the flush valves are pitted (Figure 24). Wall hung sinks P-trap are rusting through and most sinks do not have hot water piped to them (Figure 25). All plumbing fixtures are at the end of their

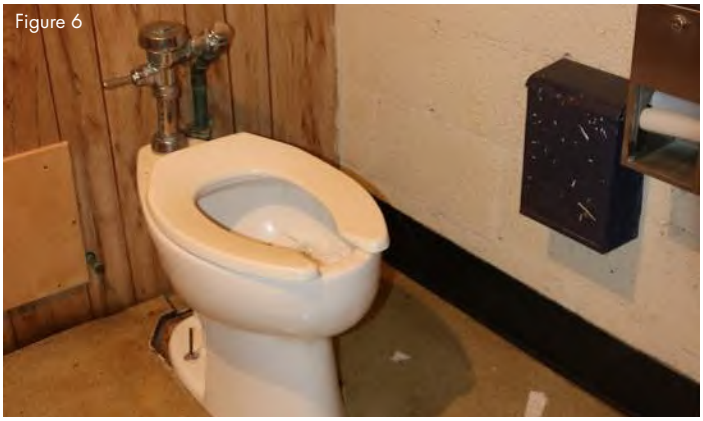
Waste piping from lower-level classroom sink needs to be replaced.

Cast iron pipe under expansion gang toilets needs to be replaced.

Men's gang toilet #1

Men's gang toilet #2

Women's gang toilet #2



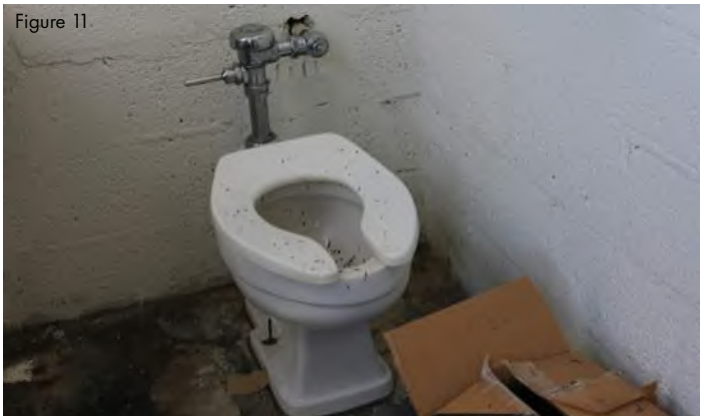
Main Office toilet

Lower lever classroom wing bathroom

Lower lever classroom wing bathroom

Typical lower-level toilet conditions.

Typical flush valve toilet.



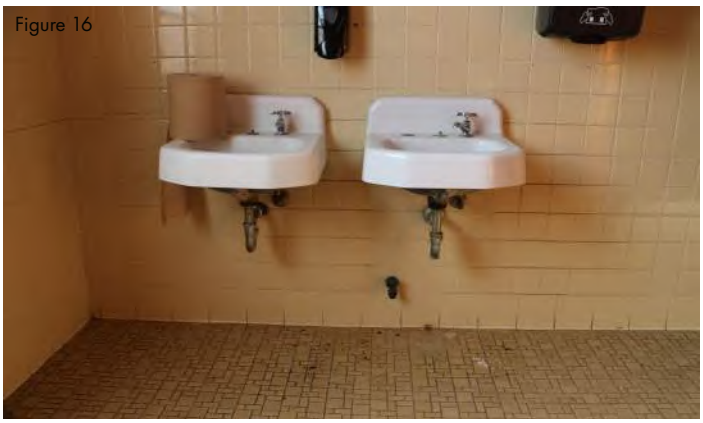
Typical flush valve toilet.

Men's gang toilet #1

Men's gang toilet #2

Typical lower-level urinal conditions.

Men's gang toilet #1



Women's gang toilet #1

Women's gang toilet #2

Figure 18

Men's gang toilet #2

Figure 19

Typical wall mounted lavatory.

Figure 20

Typical wall mounted lavatory.

Figure 21

Main office lavatory

Figure 22

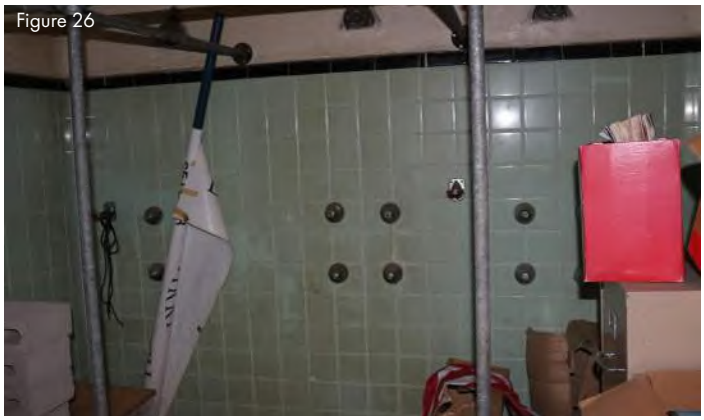
Lower lever classroom wing bathroom – sink waste piped to removed toilet flange.

Figure 23

Gym lower level shop lavatory and water cooler.

Women's gang toilet #1 – Pitted flush valve and stained toilet.

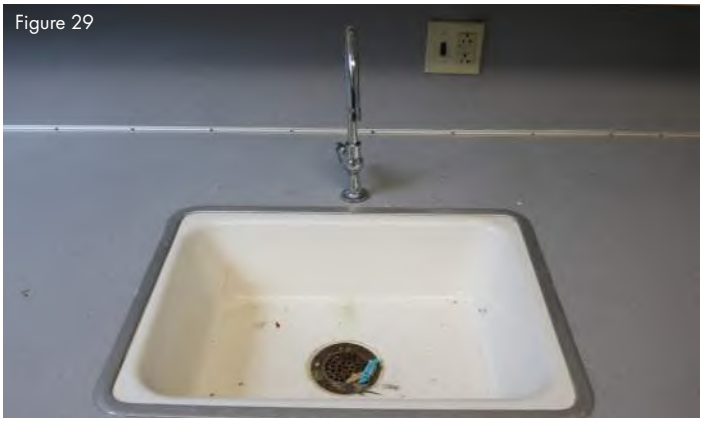
Women's gang toilet #1 – Lavatory p-traps rusting.



Locker room showers.

Locker room showers.

Typical lower-level gym shower room.



Typical classroom work sink

Lower-level classroom wing sink

Water cooler not installed properly.

Original corridor drinking fountain.

Abandoned corridor water cooler piping.

Water cooler at Gym not properly installed.

Lower lever classroom wing water cooler

Kitchen three compartment sink

Kitchen three compartment sink waste piping.

Kitchen service sink

service life (60 years) and should be replaced. See figure 26-28 for shower rooms, and see figures 29-30 for classroom sinks.

The existing water coolers are all single units (Figures 31-35). All are in fair condition. All existing drinking fountains/water coolers should be replaced with a dual water coolers that are ADA compliant.

The three compartment sink in the kitchen is in fair condition as well as the service sink (Figures 36-39).

Toilet room off the kitchen has a wall mounted lavatory and a flush valve toilet that are both in fair condition (Figure 40). These plumbing fixtures are at the end of their service life and should be replaced.

The main water heater, approximately 16 years old shows signs of corrosion and water leakage (Figure 41). The water heater P&T is not piped to the exterior. The water heater does not have an expansion tank, seismic restraints, vacuum breaker, or heat trap nipples. These safety components should be installed during water heater replacement to extend the service life and to conserve energy. The first 8 feet of hot water piping should be insulated with 1" thick fiberglass insulation. If a new gas water heater is installed it is recommended that the chimney be inspected. There were several small under the counter type water heater in the facility that could not be identified, or age confirmed. All water heaters are at the end of their service life and should be replaced.

There are several locations where the floor drains are not flush with the floor creating trip hazards (Figures 42-43). Most floor drains are filled with sediment and trash and need to be cleaned out (Figures 44-45).

The crawl spaces on either side of the boiler room have standing water (Figure 46). Removal of standing water needs to be addressed.

(See appendix 4 for plumbing plan notes.)

Abandoned plumbing needs to be terminated properly throughout the facility.

Kitchen flush valve toilet

16-year-old gas water heater

Men's gang toilet #2 – Raised floor drain causing trip hazard.

Gym lower-level back hallway – Raised floor drain causing trip hazard.

Floor drain in shower room is clogged.

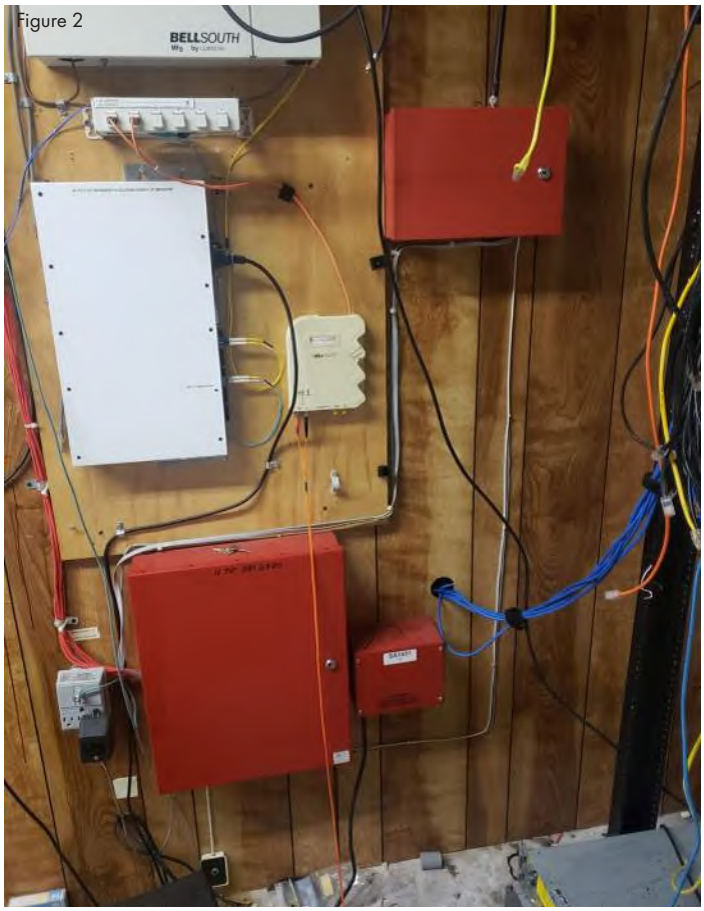
Boiler Room Floor drain is clogged.

Sump pump needs to be replaced.

10. Fire Protection - EPIC Engineering Solutions

The building fire alarm system is a manual pull type system (Figure 1). The control panel and pull stations are in fair condition. The control panel is located on the lower-level floor of gymnasium and the pull stations are located adjacent to exit doors (Figure 2). The fire alarm system should be replaced during the future renovations.

Fire Alarm Pull Station



Fire Alarm Control Panel

11. Structural - CCCS International

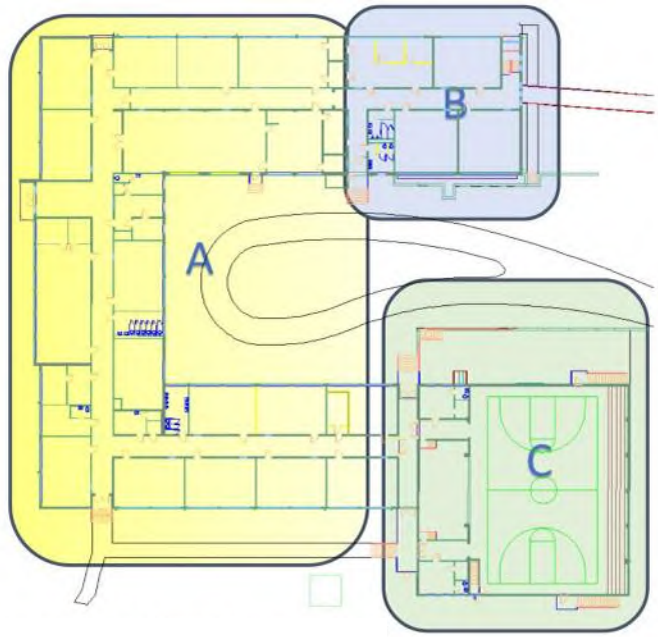
Introduction:

The Gallman High School building is located at 540 Brantley Street in Newberry, SC. The facility was evaluated for structural stability and overall structural condition. The building is oriented such that the front of the building faces Brantley Street, with other wings along Langford and McSwain Streets. For the purposes of this report, the Brantley Street facing side will be considered the North face.

The original facility was constructed in 1954 and a rear addition was added in 1959. The building is clad throughout with brick veneer. The general delineation of the building construction areas is outlined in Figure 1. Areas A and C comprise the original construction. Area B is the 1959 addition. Building Area A is founded on a shallow crawl space foundation while Areas B and C are founded on slab foundations. The walls throughout the building are concrete masonry (CMU) walls with brick. The floors are framed with varying construction types and will be addressed in detail later in this document.

CCCS International was contracted to perform a visual observation and evaluation of the building. The scope did not include destructive investigation and there was no destructive or non-destructive testing accomplished.

Figure 1



Schematic of Building Construction Types

Observation:

SECTION A:

Section A is a single-story structure constructed on a crawl space foundation. The area comprises administrative offices, classrooms and the cafeteria and kitchen areas. The building is constructed with Concrete masonry walls and brick veneer. The roof is constructed with concrete panels over concrete joists. The floor is constructed with concrete slabs and beams. The first floor is concrete slab over steel bar joists.

Roof:

The roof consists of a flat roof framed with concrete I-joists spaced at 5'+/- o.c.. The concrete joists are supported with masonry walls at the exterior of the building and interior corridor walls. There is evidence of significant moisture leaking in the past. There also appear to be areas of ponding on the roof. Major areas of water intrusion were detected along the north face of the building.

First Floor:

The first-floor walls appear to be unreinforced concrete masonry walls. They walls appear to be in fair to poor condition. There is significant cracking in the unreinforced masonry exterior walls. Specifically, along the north face of the building, at the northwest corner, near the front entry as well as along the courtyard in the rear (south wall of the

Figure 2

Front wall cracking and indication of moisture intrusion

admin wing). The cracks are both horizontal and stair-step configuration and in some cases are open as much as one-half inch (1/2”). We also noted that the window and door openings are supported with steel angle lintels. In most cases the lintels were in poor condition and exhibited excessive rust with material loss. In some cases, excessive deflection is also evident.

The first-floor framing consists of steel bar joists at a regular spacing. The bar joists span from exterior masonry walls to interior bearing walls at the corridors and they appear to be in fair condition. However, in a few areas they appear to be rusted and there may be some material loss. The floor slab above the joists appears to be in fair condition throughout most of the section, however we did note significant moisture intrusion and a compromised floor deck in the western end of the administrative wing. Overall floor load capacity may need to be evaluated depending on the proposed future use of the space.

Foundation:

The building is founded on a crawl space foundation with exterior and interior corridor masonry walls. The walls are assumed to be supported on shallow concrete spread and continuous footings. Where observed, the masonry walls appear to be in fair condition. However, there was standing water in the crawl space along the south face of the administrative wing of the building.

SECTION B:

Section B is a two-story addition to the building that comprises the southeast classroom wing of the facility. The building is constructed with Concrete masonry walls and brick veneer. The roof and the 2nd floor are lightweight concrete over corrugated steel deck. The floor slabs span between concrete I-Joists. The first floor is concrete slab on grade.

Roof:

The roof consists of a flat roof framed with concrete I- joists. The joists are supported with masonry walls at the exterior of the building and interior masonry bearing walls.

Second Floor:

The second-floor walls are constructed out of unreinforced concrete masonry walls. They walls appear to be in fair to good condition. There is cracking in the unreinforced masonry exterior walls that ranges from hairline to minor. We also noted that the window and door openings are supported with steel angle lintels. In most cases the lintels were in poor condition and exhibited excessive rust with material loss. In some cases, excessive deflection is also evident.


Figure 3

Standing water in crawl space

The second-floor framing appears to be lightweight concrete with corrugated metal decking that spans across concrete I-joists that are spaced at roughly 4’ to 6’ o.c. The concrete joists are supported by the exterior walls and interior corridor walls. The floor and supporting framing appear to be in fair condition. However we did note some extensive moisture damage and corroded metal deck in one area along the eastern wall of the addition. Otherwise, the floor appears to be in serviceable condition. The Overall floor load capacity may need to be evaluated depending on the proposed future use of the space.

First Floor:

The first-floor walls are also composed of unreinforced concrete masonry construction. The walls appear to be in fair to good condition. There is cracking in the unreinforced masonry exterior walls that ranges from hairline to significant. The cracking is particularly large and frequent at the western end of the wing in and adjacent to the stairwell.

Foundation:

This section of the building is founded on a slab on grade

foundation. The exterior and corridor masonry walls extend to his level and are assumed to go beneath this level. The walls are assumed to be supported on shallow concrete spread and continuous footings.

SECTION C:

Section C is a two-story building that is constructed with Concrete masonry walls and brick veneer, and it is founded on a slab on grade foundation. The roof is a low-sloped gabled roof. This section of the building contains the gym facility on the upper floor and shop classrooms on the lower floor.

Roof:

The roof is low-pitched roof framed steel trusses. The trusses are framed with steel angles and span from the exterior wall on the south to a load-bearing wall on the north side of the gym. Masonry pilasters support the trusses at the masonry wall. There are wood 2x purlins that span between the steel trusses. The purlins are spaced at roughly 16" to 24" o.c. The roof is decked with 2x wood decking. There are sporadic indications of moisture intrusion in the roof in this area.

Second Floor:

The second-floor walls are constructed out of unreinforced concrete masonry walls. They walls appear to be in fair to good condition. There is cracking in the unreinforced masonry exterior walls that ranges from hairline to significant. There is significant stair step cracking at the building corners. There is also significant cracking at the masonry pilasters. We also noted that the window and door openings are supported with steel angle lintels. In most cases the lintels were in poor condition and exhibited excessive rust with material loss. In some cases, excessive deflection is also evident.

The second-floor framing consists of steel bar joists at a regular spacing. The bar joists span from exterior masonry walls to interior beam lines. The beams are supported by steel tube steel columns. The floor framing appears to be in fair condition throughout most of the section. Overall floor load capacity may need to be evaluated depending on the proposed future use of the space.

First Floor:

The first-floor walls are constructed out of unreinforced concrete masonry walls. The walls appear to be in fair to good condition. There is cracking in the unreinforced masonry exterior walls that ranges from hairline to significant. There is significant stair step cracking at the building corners. There is also significant cracking at the masonry pilasters. We also noted that the window and door openings are supported with steel angle lintels. In most cases the lintels were in poor condition and exhibited excessive rust with material loss. In some cases, excessive deflection is also evident.

Foundation:

This section of the building is founded on a slab on grade foundation. The exterior and corridor masonry walls extend to this level and are assumed to go beneath this level. The walls are assumed to be supported on shallow concrete spread and continuous footings.

EXTERIOR:

There are both brick masonry and concrete masonry retaining walls on the site. The concrete masonry retaining wall is located to the east of the gym building. The brick masonry retaining wall is located to the west of the rear building addition. Each of the walls is leaning and out of plumb. The brick masonry wall is also severely cracked and pulling away from the stair return. The concrete masonry wall is in poor condition in addition to being out of plumb.

We also noted damage as several concrete entry landings.

Figure 4

Masonry retaining wall failing

The landings are typically constructed of concrete slab with a concrete roof. The roof is supported by steel columns. In several areas the floor slab is cracking. In one case along the eastern side of the courtyard, the slab is broken and the steel base plates are exposed. We also noted damaged lintels and concrete beams at the stair landings on the east side of the gym building.

Summary of Issues:

The following is a summary of the issues we noted:

1. Load-bearing masonry walls throughout the facility are unreinforced. Unreinforced masonry walls perform poorly under seismic conditions and can present life safety issues during evacuation.
2. There is cracking in the masonry walls throughout the facility. While some cracking is expected, there is significant cracking along most sides of the building. The issues are particularly pronounced at the gym. These may be an indication of settlement of the structure.
3. Moisture intrusion was noted throughout the facility. The roof and walls need to be repaired to prevent further intrusion. The intrusion of water is causing deterioration of structural members. This is evident throughout, but especially in the gymnasium and auditorium areas.
4. Significant standing water was noted in the crawl space. This standing water can contribute to foundations settlement or other support issues.

Recommendations

Based on our observations, we make the following recommendations:

1. Address envelope issues to prevent further moisture intrusion as soon as possible.
2. Further Investigate any possible settlement issues with the foundation. Foundation stabilization may be required.
3. Seal masonry cracks. Pending determination of future use, pressure-grouting and reinforcement of the masonry walls may be warranted.
4. Replace deteriorated steel loose lintels throughout the facility.
5. Pending determination of future use, evaluate floor framing to support code required loading.
6. Repair damage floor and roof areas.
7. Provide a permanent dewatering system for the crawl space.

Limitations of the Report

This report is based on our observation of the structure. This observation was visual in nature and did not involve any destructive investigation or any destructive or non-destructive testing. The results of this report apply only to those areas specifically observed and referenced in this report and no warranty or guarantee is expressed or implied for areas beyond the scope of this report.

E

Qualifications

Architectural

Moseley Architects
997 Morrison Drive, Suite 601
Charleston, SC 29403
843.577.5063

Benjamin S. Whitener, AIA, LEED AP BD+C, is a principal and shareholder with Moseley Architects. He holds a bachelor of science in design degree from Clemson University where he graduated magna cum laude and first in his class. He holds a master of architecture degree from North Carolina State University where he also graduated magna cum laude. He has over 20 years of experience in the profession and has done numerous condition assessment reports for SC-OSE, state agencies, private clients, and others.

NCARB registration #61,600

SC License #6972

Structural

CCCS International
3436 Rivers Avenue, Suite 2A
N. Charleston, SC 29406
843.388.4338

Mr. Grant is a design division manager at CCCS and has over 24 years of experience on structural projects. He holds a bachelor of science in civil engineering degree from the University of South Carolina. He served 5-1/2 years in US Air Force and has worked on a wide array of project types. Additionally, he has been the lead structural engineer on numerous projects including: commercial, historical, governmental, residential, educational, and ecclesiastical.

SC PE: 19811

Mechanical, Electrical, Plumbing, and Fire Protection

Epic Engineering
P.O. Box 2132
Mt. Pleasant, SC 29465
843.849.6878

Aaron Tempel, P.E. is head of the Mechanical Department and Managing Corporate Partner for EPIC Engineering, Inc., and his background includes many aspects of building construction design and project management. During over 15 years of professional practice, he has prepared detailed project specifications, created designs for various engineering disciplines, and performed construction review. Mr. Tempel's personal design activities include mechanical (HVAC) systems, electrical systems, plumbing systems, fire protection systems, petroleum process piping, and energy modeling and analysis.

PE Number South Carolina 23556

E

Cost Estimate

MOSELEYARCHITECTS

3.24.2023

Gallman School Renovations

Demolish Addition, No GYM renovations

v1.0

Job #:	NA
Capacity:	Not Known
Open facility:	Not Known
Aniticipated bid date:	Not Known

OPINION OF PROBABLE COST

Construction Costs:	Qty.			$/Unit			Remarks
Site Development (On-site):	1	LS	x		=	$350,000	Allowance
						$350,000	
Building Construction:							
Renovations (Original School)	23,850	SF	x	**$250.00**	=	$5,962,500	Does not include GYM
Addition - DEMO	9,250	SF	x	**$8.00**	=	$74,000	
Roofing School - low slope						$800,000	Lump Sum (no Addition)
Roofing Gym						$250,000	Lump Sum
Sustainable Features:	0.00%		x	$7,436,500	=	$0	
Design Contingency:	10.00%		x	$7,436,500	=	$743,650	
Escalation (from basis):	7.50%		x	$8,180,150	=	$613,511	current - volatile
Construction Cost Sub-Total (Hard Cost):					=	**$8,793,661**	$368.71
Project Costs:							
Building Design Fees:	9.00%		x	$8,793,661		$791,430	Arch, MEP, Structural, FP
Civil Fees			x		=	$0	Not known at this time
LEED Design Certification & CIRs:	0.00%		x	$8,793,661	=	$0	NA
Energy Modeling:				incl. abv.	=	$0	NA
Testing Services:	1.00%		x	$8,793,661	=	$87,937	Per structural
Printing / Advertising:	0.00%		x	$8,793,661	=		owner
Surveys & Borings:	0.00%		x	$8,793,661	=	$0	Per structural
Furnishings:			x	$8,793,661	=	$0	owner
Voice, Video & Data:			x	$8,793,661	=	$0	owner
AV/Theatrical:				ls	=	$0	owner
Const. Contingency:	10.00%		x	$8,793,661	=	$879,366	(recommend 10% historic)
Project Costs Sub-Total (Soft Costs):					=	**$1,758,732**	20.0%
Project Cost Subtotal:					=	**$10,552,394**	

Comments:

Neither the Architect nor the Owner has control over the cost of labor, materials, and equipment, over the Contractor's methods of determining bid prices, or over competitive bidding, market or negotiating conditions. Accordingly, the Architect cannot and does not warrant or represent bids or negotiated prices will not vary from the Owner's Project Budget or from any estimate of Construction Cost or evaluation prepared or agreed to by the Architect.

MOSELEYARCHITECTS

3.24.2023

Gallman School Renovations

All spaces except Gym

v1.0

Job #:	NA
Capacity:	Not Known
Open facility:	Not Known
Aniticipated bid date:	Not Known

OPINION OF PROBABLE COST

Construction Costs:	Qty.			$/Unit			Remarks
Site Development (On-site):	1	LS	x		=	$350,000	Allowance
						$350,000	
Building Construction:							
Renovations (Original School)	23,850	SF	x	**$250.00**	=	$5,962,500	Does not include GYM
Addition	9,250	SF	x	**$275.00**	=	$2,543,750	
Roofing School - low slope						$925,000	Lump Sum
Roofing Gym						$250,000	Lump Sum
Sustainable Features:	0.00%		x	$10,031,250	=	$0	
Design Contingency:	10.00%		x	$10,031,250	=	$1,003,125	
Escalation (from basis):	7.50%		x	$11,034,375	=	$827,578	current - volatile
Construction Cost Sub-Total (Hard Cost):					=	**$11,861,953**	$497.36
Project Costs:							
Building Design Fees:	9.00%		x	$11,861,953		$1,067,576	Arch, MEP, Structural, FP
Civil Fees			x		=	$0	Not known at this time
LEED Design Certification & CIRs:	0.00%		x	$11,861,953	=	$0	NA
Energy Modeling:				incl. abv.	=	$0	NA
Testing Services:	1.00%		x	$11,861,953	=	$118,620	Per structural
Printing / Advertising:	0.00%		x	$11,861,953	=		owner
Surveys & Borings:	0.00%		x	$11,861,953	=	$0	Per structural
Furnishings:			x	$11,861,953	=	$0	owner
Voice, Video & Data:			x	$11,861,953	=	$0	owner
AV/Theatrical:				ls	=	$0	owner
Const. Contingency:	10.00%		x	$11,861,953	=	$1,186,195	(recommend 10% historic)
Project Costs Sub-Total (Soft Costs):					=	**$2,372,391**	20.0%
Project Cost Subtotal:					=	**$14,234,344**	

Comments:

Neither the Architect nor the Owner has control over the cost of labor, materials, and equipment, over the Contractor's methods of determining bid prices, or over competitive bidding, market or negotiating conditions. Accordingly, the Architect cannot and does not warrant or represent bids or negotiated prices will not vary from the Owner's Project Budget or from any estimate of Construction Cost or evaluation prepared or agreed to by the Architect.

F

Appendix

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

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

January 9, 2022

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

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.

Bobby McAllister
Environmental Staff Professional

Tom Behnke, PG, CHMM
Environmental Services Manager

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Appendices

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/cm^2) 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/cm^2).
- Black and green ceramic wall in women's restroom (5.40-19.90 mg/cm^2).

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.

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 (cm^2) 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/cm^2 (SCDHEC, Health Division definition #4-53-1320f). Any coated surfaces or materials meeting or exceeding the SCDHEC limit of 0.7 mg/cm^2 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/cm^2 or greater by XRF testing. For the purpose of the assessment, paint containing 0.7 mg/cm^2 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 µg/m^3) during an eight-hour day and a permissible exposure level of fifty micrograms per cubic meter (50 µg/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 mg/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 mg/cm^2).
- Black and green ceramic wall in women's restroom (5.40-19.90 mg/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.

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 ($\geq$ 0.7 mg/cm^2) 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		
HA Area	Material Description	Material Location	Quantity	[1]Cat (F/I/II)	[2]Type	[3]Condition / Potential for Disturbance	Sample Number	Sample Location	Percent and Type Asbestos
FT1	12-inch white with brown vinyl floor tile and black mastic	Foyer	170 SF	NA	Misc.	NA/NA	FT-1	Foyer	NAD
							FT-2	Foyer	NAD
							[4]FT-3	Foyer	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**	**Hall**	**Tile – 3% Chrysotile Mastic – 4% Chrysotile**
							FT-5	**Hall**	**Tile – 3% Chrysotile Mastic – 4% Chrysotile**
							FT-6	**Hall**	**Sample Not Analyzed**
CT1	12-inch spline ceiling tile	Various areas throughout	20,000 SF	NA	Misc.	NA/NA	CT-1	Hall	NAD
							CT-2	Library	NAD
							CT-3	Hall	NAD
CT2	2x4 ceiling tile	Various areas throughout	9,500 SF	NA	Misc.	NA/NA	CT-4	Foyer	NAD
							CT-5	Foyer	NAD
							CT-6	Foyer	NAD
FP	Spray-applied fire proofing	1st floor southeast wing and lower-level classrooms	10,500 SF	NA	Surf.	NA/NA	FP-1	1st floor southeast wing	NAD
							FP-2	1st floor southeast wing	NAD

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

HA Area	Material Description	Material Location	Quantity	[1]Cat (F/I/II)	[2]Type	[3]Condition / Potential for Disturbance	Sample Number	Sample Location	Percent and Type Asbestos
							FP-3	1st floor southeast wing	NAD
							FP-4	1st floor southeast wing	NAD
							FP-5	1st floor southeast wing	NAD
							FP-6	Lower classroom level	NAD
							FP-7	Lower classroom level	NAD
LN1	Tan pebble linoleum	Cafeteria and restroom in classroom 10	1,500 SF	NA	Misc.	NA/NA	LN-1	Cafeteria	NAD
							LN-2	Cafeteria	NAD
							[4]LN-3	Restroom in classroom 10	NAD
LN2	Cream mottled linoleum	Office	100 SF	NA	Misc.	NA/NA	LN-4	Office	NAD
							LN-5	Office	NAD
							[4]LN-6	Office	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**	**Hall beneath 12-inch vinyl tile**	**Tile: 5% Chrysotile Mastic: 6% Chrysotile**
							FT-8	**Cafeteria beneath linoleum**	**Tile: 5% Chrysotile Mastic: 6% Chrysotile**
							[4]FT-9	**Office beneath carpet and tile**	**Sample Not Analyzed**

NAD = No Asbestos Detected NA = Not Applicable SF = Square feet LF = Linear feet CF = Cubic Feet
[1]Category: F = Friable I = Category I, Non-Friable II= Category II, Non-Friable
[2]Type; Misc. = Miscellaneous Surf. = Surfacing TSI = Thermal System Insulation
[3]Condition: Good, Damaged or Significantly Damaged Accessible during renovation or demolition with Potential for Disturbance; Low or High
[4]Sample 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							SAMPLE DATA		
HA Area	Material Description	Material Location	Quantity	[1]Cat (F/I/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	Office beneath carpet	NAD
							FT-11	Hallway edge	NAD
							[4]FT-12	Hallway edge	NAD
JC1	Joint compound	Rooms 1 and 13	2,500 SF	NA	Surf.	NA/NA	JC-1	Room 13	NAD
							JC-2	Room 1	NAD
							JC-3	Room 1	NAD
							JC-4	Room 13	NAD
							JC-5	Room 13	NAD
DW1	Drywall	Rooms 1 and 13	2,500 SF	NA	Misc.	NA/NA	DW-1	Room 13	NAD
							DW-2	Room 1	NAD
							DW-3	Room 1	NAD
CT3	2x2 ceiling tile	Gym	7,200 SF	NA	Misc.	NA/NA	CT-7	Gym	NAD
							CT-8	Gym	NAD
							CT-9	Gym	NAD
BBM	Baseboard mastic	Throughout	4,600 LF	NA	Misc.	NA/NA	BBM-1	Lower classroom	NAD
							BBM-2	Foyer	NAD
							[4]BBM-3	Hall	NAD
PL	Plaster	Kitchen	3,500 SF	NA	Surf.	NA/NA	PL-1	Kitchen	NAD
							PL-2	Kitchen	NAD
							PL-3	Kitchen	NAD
							PL-4	Kitchen	NAD
							PL-5	Kitchen	NAD

NAD = No Asbestos Detected NA = Not Applicable SF = Square feet LF = Linear feet CF = Cubic Feet

[1]Category: F = Friable I = Category I, Non-Friable II= Category II, Non-Friable

[2]Type; Misc. = Miscellaneous Surf. = Surfacing TSI = Thermal System Insulation

[3]Condition: Good, Damaged or Significantly Damaged Accessible during renovation or demolition with Potential for Disturbance; Low or High

[4]Sample 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 | **SAMPLE DATA**

HA Area	Material Description	Material Location	Quantity	[1]Cat (F/I/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

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

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

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

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

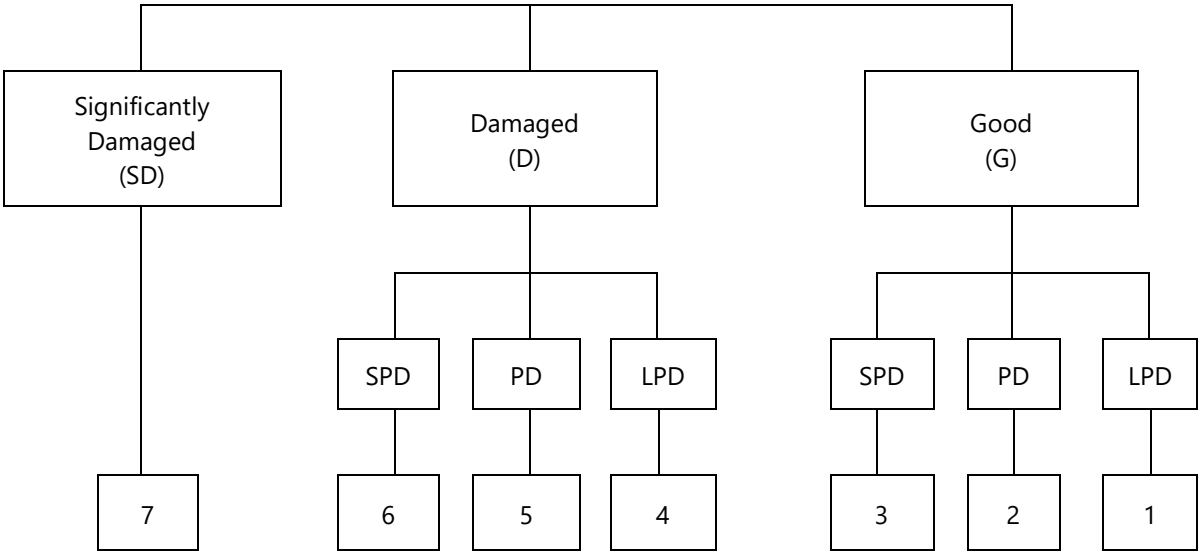
F = Friable
NF = Non-friable

G = Good (Very localized limited damage)
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)

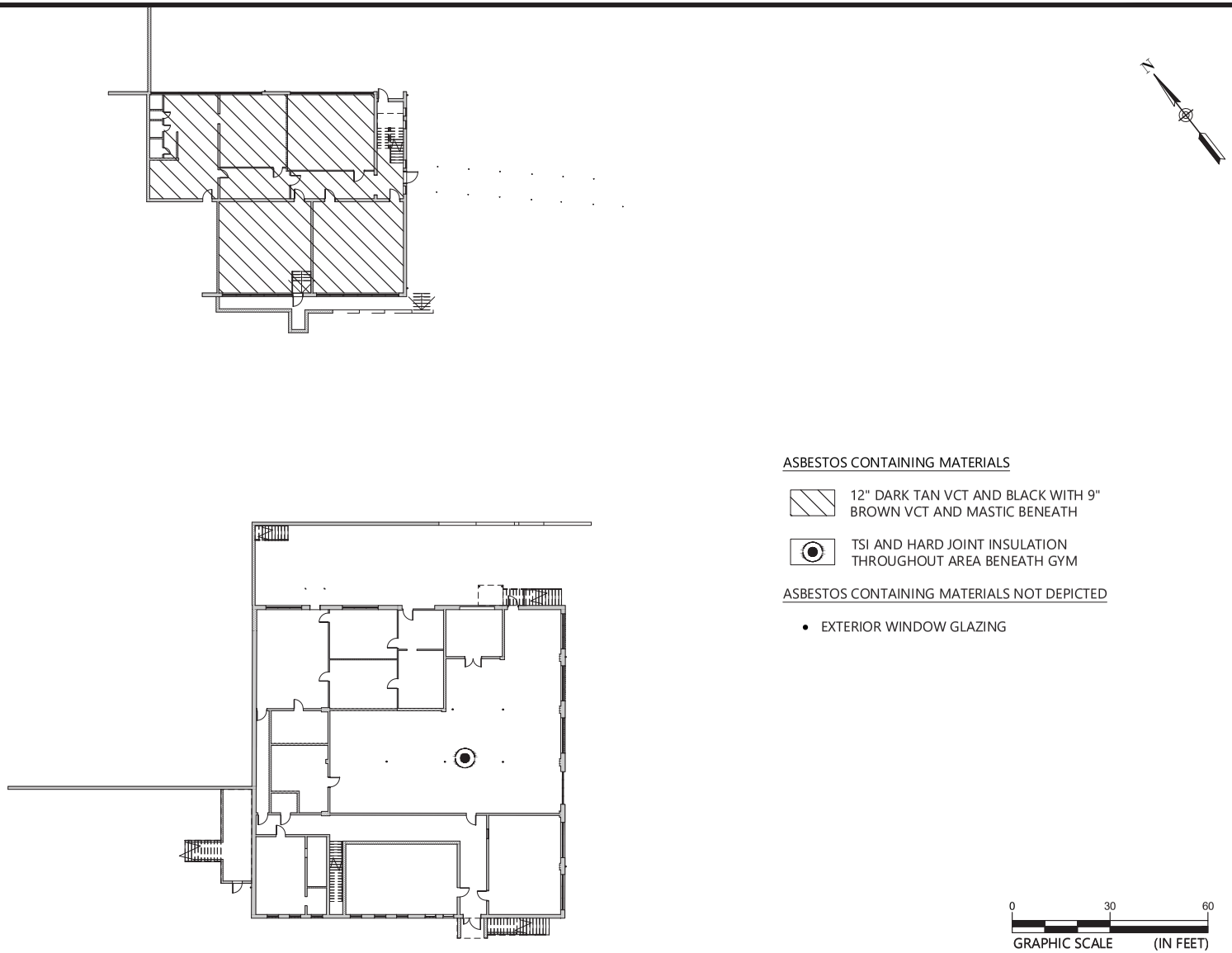
Potential for Future Disturbance

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



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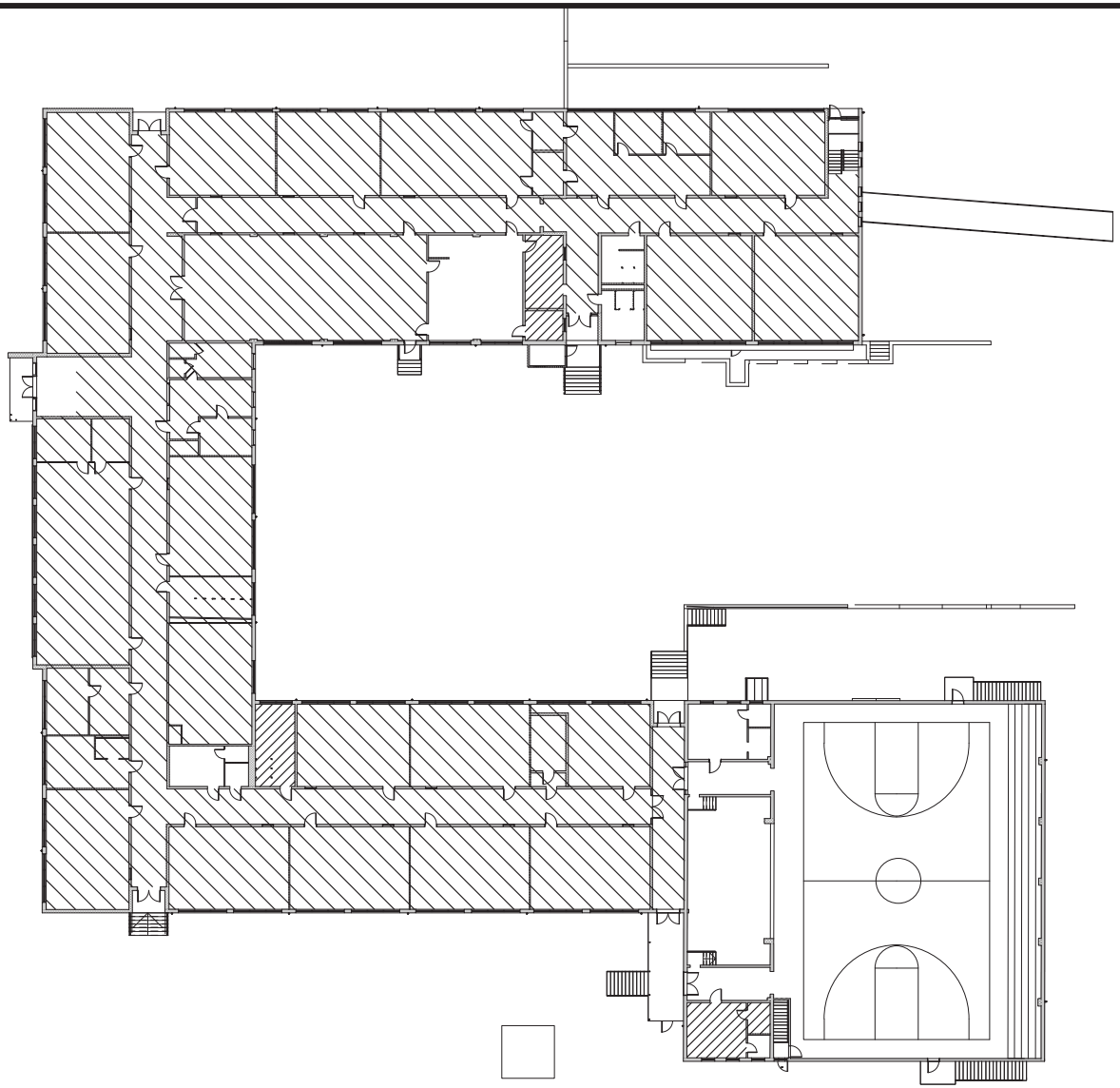
HAZARDOUS MATERIAL ASSESSMENT
FIRST LEVEL

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

9" BROWN VCT AND MASTIC

ASBESTOS CONTAINING MATERIALS NOT DEPICTED

- EXTERIOR WINDOW GLAZING

0 30 60

GRAPHIC SCALE (IN FEET)

HAZARDOUS MATERIAL ASSESSMENT
SECOND LEVEL

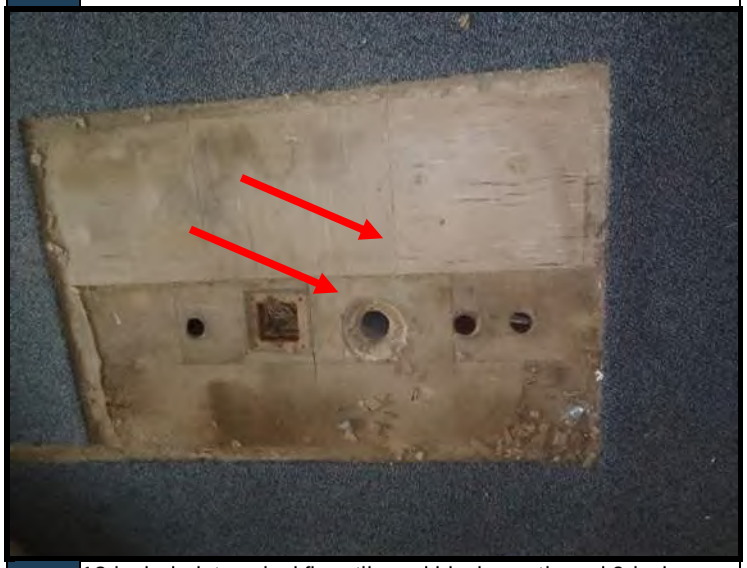
GALLMAN SCHOOL
540 BRANTLEY STREET
NEWBERRY, SOUTH CAROLINA

SCALE:	AS SHOWN
DATE:	1-05-2023
PROJECT NUMBER	22130550
FIGURE NO.	2

T:\Columbia 1610\Projects\2022\22610550_Moseley Architects_Gallman School Haz Mat Assessment_Newberry, SC\4 ENV\CAD\22610550.dwg

1 Exterior view of the subject building.

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

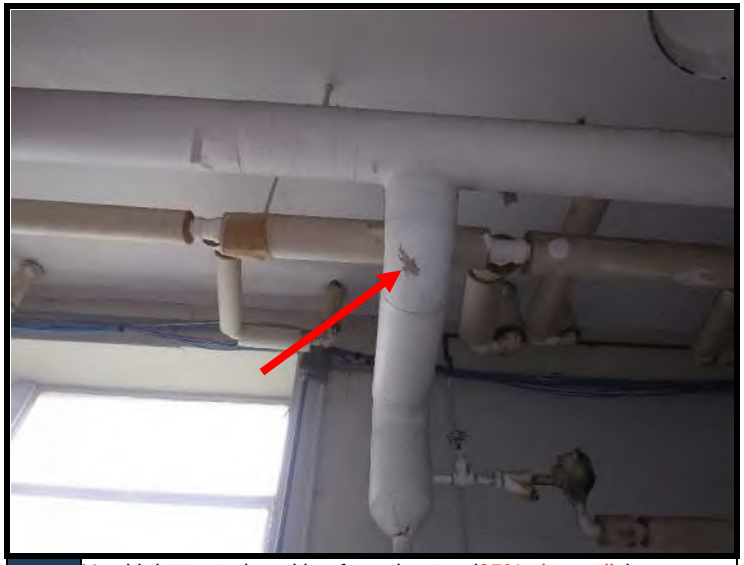


3 12-inch dark tan vinyl floor tile and black mastic and 9-inch brown vinyl floor tile and mastic tested positive for asbestos (3%-6% chrysotile).

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).

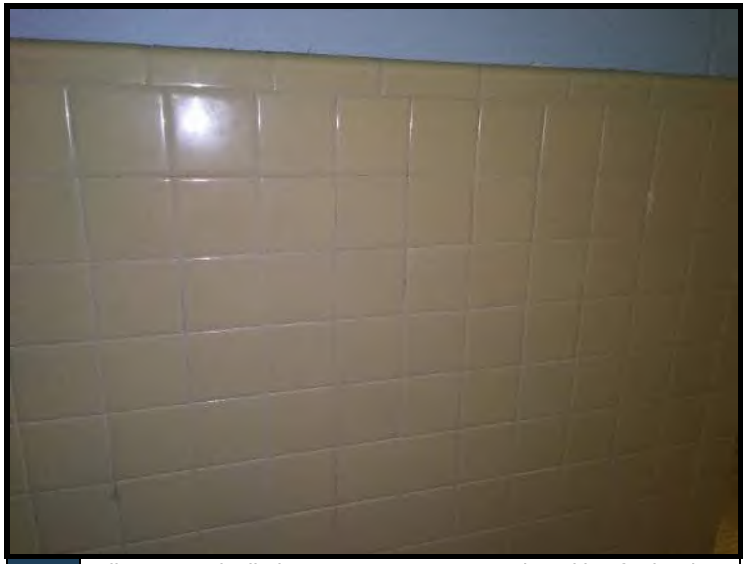


6 Hard joint tested positive for asbestos (65% chrysotile).

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

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/cm^2).

10 Green and black ceramic tile in men's restroom tested positive for lead based paint (5.40-19.90 mg/cm^2).

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.

14 Ballast labeled no PCBs.

15 Ballast presumed to contain 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-004S0	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

SCDHEC ISSUED
Asbestos ID Card

Travis Knight

		Expiration Date:
AIRSAMPLER	AS-00237	01/03/23
CONSULTBI	BI-00885	01/04/23
CONSULTPD	PD-000239	02/17/23
SUPERAHERA	SA-01266	01/03/23

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.
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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

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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

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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

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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
22-13639	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		100 OTHER
22-13643A	PL-5	WHITE NONFIBROUS	SKIM COAT	ND		100 OTHER
22-13643B	PL-5	TAN/GREY GRANULAR	PLASTER	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***

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Laboratory Manager

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PLM = 5 day
TEM = 3 day

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

BULK SAMPLE

CHAIN OF CUSTODY RECORD

PROJECT NO.	PROJECT NAME:	RELINQUISHED BY:	DATE	TIME
22610550	Gallman	[illegible]	11/15/22	1615
FACILITY	Gallman	RECEIVED BY: [illegible]	DATE 11/16/22	TIME 1:10 pm
SAMPLER(S) TK/BM	DATE TAKEN 11/15/22	NOTES:		

SAMPLE #	LAB NUMBER	MATERIAL	LOCATION	QUANTITY	COMMENTS / SPECIAL INSTRUCTIONS
FT-1	22-13594	12" White w/ Brown VCT; Blk Mastic	Foyer	10X12	
2	95				No 3
3	96				
FT-4	97	12" Dark Tan VCT; Blk Mastic	Hall		
5	98				No 3
6	13599				
CT-1	13600	12" Spline Ceiling tile	Hall		
2	01		Library		
3	02		Hall		
CT-4	03	2x4 Ceiling tile	Foyer		
5	04				
6	05				
FP-1	06	Spray-Applied Fire Proofing	1st Floor SE Wing		
2	07				
3	08				
4	09				
5	10				
6	11		Lower Classroom level		
7	13612				
	—				

2

BULK SAMPLE

CHAIN OF CUSTODY RECORD

Requested Turn Around Time:			☐ Same Day
☐ 24-Hour	☐ 48-Hour	☐ 3 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		
2	14				NOB
3	15		Classroom 10 Restroom		
LN-4	16	Cream mottled linoleum	Office		
5	17				NOB
6	18				
FT-7	19	9" BRN UCT ? Mastic	Hall Beneath 12"		
8	20		Cafeteria Beneath Linoleum		NOB
9	21		Office Beneath Carpet ? Tile		
FT-10	22	12" TAN mottled UCT ? mastic	Office Beneath Carpet		
11	23		Hallway Edge		NO13
12	24				
JC-1	25	Joint Compound	room 13		
2	26		room 1		
3	27				
4	28		Room 13		
5	29				
DW-1	30	Drywall	room 13		
2	31		room 1		
3	13632				

BULK SAMPLE

CHAIN OF CUSTODY RECORD

Requested Turn Around Time:			☐ Same Day
☐ 24-Hour	☐ 48-Hour	☐ 3 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
CT-7	22-13633	2x2 Ceiling tile	Gym	100 x 72	
8	34				
9	35				
BBM-1	36	Baseboard Mastic	Lower Class Room		
2	37		Foyer		NOB
3	38		Hall		
PL-1	39	Plaster	Kitchen		
2	40				
3	41				
4	42				
5	43				
TSL-1	44	TSL	Beneath Gym - office		200 LF
2	45				
3	46				
HJ-1	47	Hard Joint	Beneath Gym - office	15 HJ	
2	48				
3	49				
WG-1	50	Window Glazing	Exterior Window		
2	51				NOB
3	13652				

BULK SAMPLE

CHAIN OF CUSTODY RECORD

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

PROJECT NO.	PROJECT NAME:	RELINQUISHED BY:	DATE	TIME
FACILITY		RECEIVED BY:	DATE 11/16/22	TIME
SAMPLER(S)	DATE TAKEN	RELINQUISHED BY:	DATE / TIME	RECEIVED BY:

SAMPLE #	LAB NUMBER	MATERIAL	LOCATION	QUANTITY	COMMENTS / SPECIAL INSTRUCTIONS
DW-4	22-13653	Drywall	Beneath gym Partition wall	100SF	
5	54	L	L		
6	55				
J-6	56	Joint Compound	Beneath Gym Partition wall	100SF	
7	57	L			
8	58				
LN-7	59	Brown Linoleum	Hall Beneath gym	~30SF	NO13
8	60	L	L		
9	61				
RF-1	62	Built up Roof	Roof		NO13
2	63	L	L		
3	64				
S-1	65	Black Sealant	Roof		NO13
2	66	L	L		
3	67				
S-4	68	Silver Sealant	Parapet		NO13
5	69	L	L		
6	13670		Penetration		

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
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

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

Analyst(s)
Derrick Young (11)

Lee Plumley, Laboratory Manager
or other approved signatory

Samples analyzed by EMSL Analytical, Inc. Pineville, NC

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

OrderID: 412211827

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:** ☒ Same ☐ 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:** ☐ Fax ☒ Email
U.S. State Samples Taken:	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* – Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☒ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule.*There is a premium charge for 3 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 ☐ Check if samples are from NY
- ☐ NIOSH 7400
- ☐ w/ OSHA 8hr. TWA

PLM - Bulk (reporting limit)
- ☐ PLM EPA 600/R-93/116 (<1%)
- ☐ PLM EPA NOB (<1%)

Point Count
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)

Point Count w/Gravimetric
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)
- ☐ NYS 198.1 (friable in NY)
- ☐ NYS 198.6 NOB (non-friable-NY)
- ☐ NIOSH 9002 (<1%)

TEM – Air ☐ 4-4.5hr TAT (AHERA only)
- ☐ AHERA 40 CFR, Part 763
- ☐ NIOSH 7402
- ☐ EPA Level II
- ☐ ISO 10312

TEM - Bulk
- ☒ TEM-EPA-NOB
- ☐ NYS NOB 198.4 (non-friable-NY)
- ☐ Chatfield SOP
- ☐ TEM Mass Analysis-EPA 600 sec. 2.5

TEM – Water: EPA 100.2
- Fibers >10µm ☐ Waste ☐ Drinking
- All Fiber Sizes ☐ Waste ☐ Drinking

TEM- Dust
- ☐ Microvac - ASTM D 5755
- ☐ Wipe - ASTM D6480
- ☐ Carpet Sonication (EPA 600/J-93/167)

Soil/Rock/Vermiculite
- ☐ PLM CARB 435 - A (0.25% sensitivity)
- ☐ PLM CARB 435 - B (0.1% sensitivity)
- ☐ TEM CARB 435 - B (0.1% sensitivity)
- ☐ TEM CARB 435 - C (0.01% sensitivity)
- ☐ TEM Qual. via Filtration Technique
- ☐ TEM Qual. via Drop-Mount Technique

Other:
- ☐

☐ **Check For Positive Stop – Clearly Identify Homogenous Group** | **Filter Pore Size (Air Samples):** ☐ 0.8µm ☐ 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): [signature] **Date:** 11/18/22 **Time:**

Received (Lab): QC **Date:** 11/18/22 **Time:** 12:30 W/1

Comments/Special Instructions:
****EMAIL INVOICE TO: smeinc_invoice@concursolutions.com with this contact printed on the invoice:** Travis Knight
~~222-670-5550~~

Controlled Document – Asbestos COC – R6 – 4/11/2012

Page 1 of 2 pages

OrderID: 412211827

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number *(Lab Use Only)*: 11827

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

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
RF-3	Roof		
S-3	Sealant		
S-6	sealant		

***Comments/Special Instructions:**

Page 2 of 2 pages

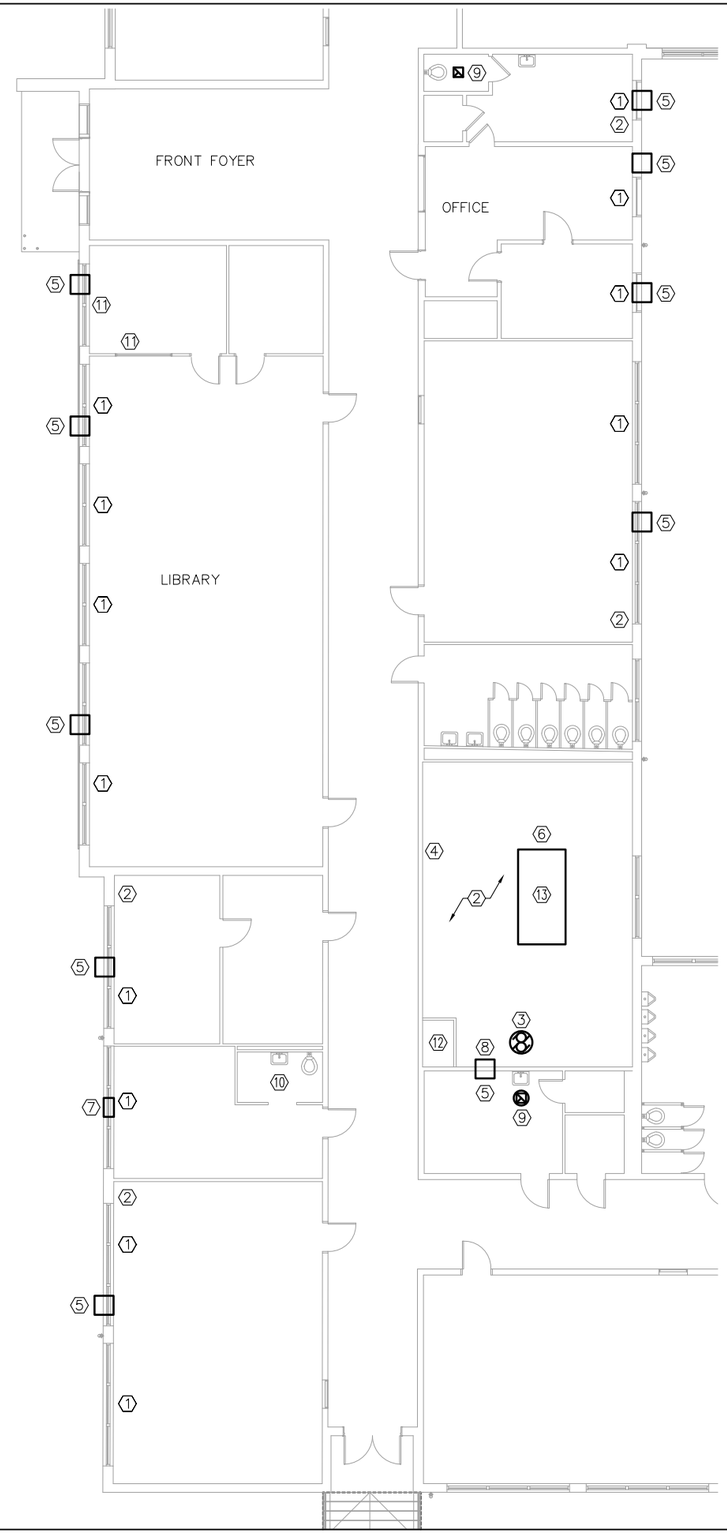
Controlled Document – Asbestos COC – R6 – 4/11/2012

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

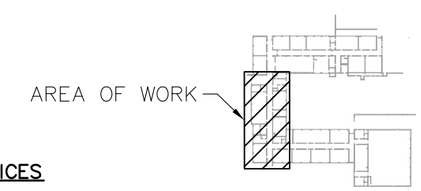
Reading Number	Floor/Area	Room	Feature	Substrate	Condition	Color	Result	XRF Reading (mg/cm²)
1			Shutter					
2			Pre-Calibrate					1.00
3			Pre-Calibrate					0.90
4			Pre-Calibrate					0.90
5	Interior	Foyer	Front door	Metal	Non-deteriorated	White	Negative	<LOD
6	Interior	Foyer	Door frame	Wood	Non-deteriorated	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

EPIC ENGINEERING SOLUTIONS
P.O. BOX 2132 · MT. PLEASANT, SC 29465
(843) 849-6878 · EPIC JOB NO. 23002

DESIGNED BY: ACT
APPROVED BY: ACT
DRAWN BY: RAD
CHECKED BY: ACT

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	DATE REVISED:	

GALLMAN CENTER
NEWBERRY COUNTY, SOUTH CAROLINA
PROJECT TITLE

FOYER AND SCHOOL OFFICES
DRAWING TITLE

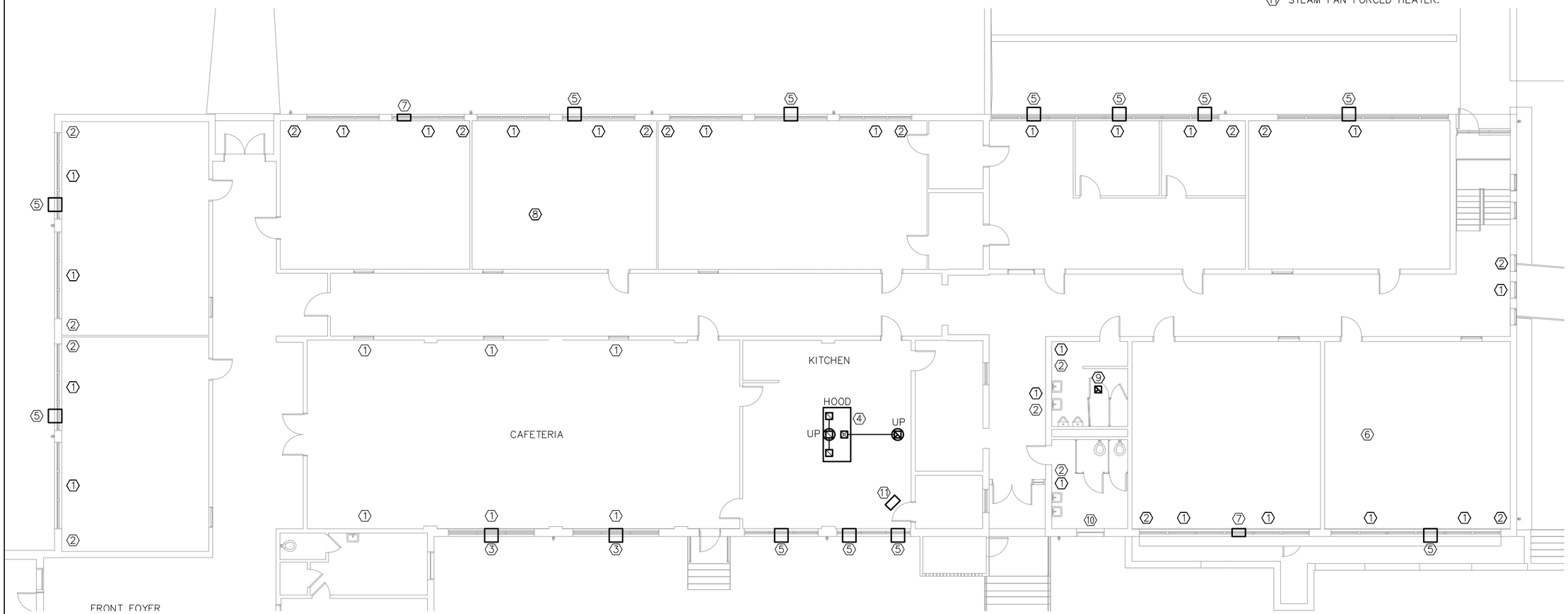
SCALE: AS NOTED
DATE: 3/17/23

SHEET NUMBER
M101

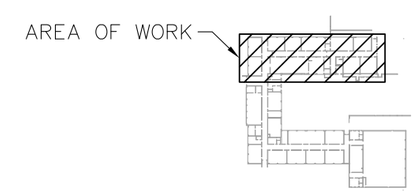
CAD FILE NAME:
23002M101

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



KEYPLAN
SCALE: NONE

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PROJECT TITLE
GALLMAN CENTER
NEWBERRY COUNTY, SOUTH CAROLINA

DRAWING TITLE
CAFETERIA WING

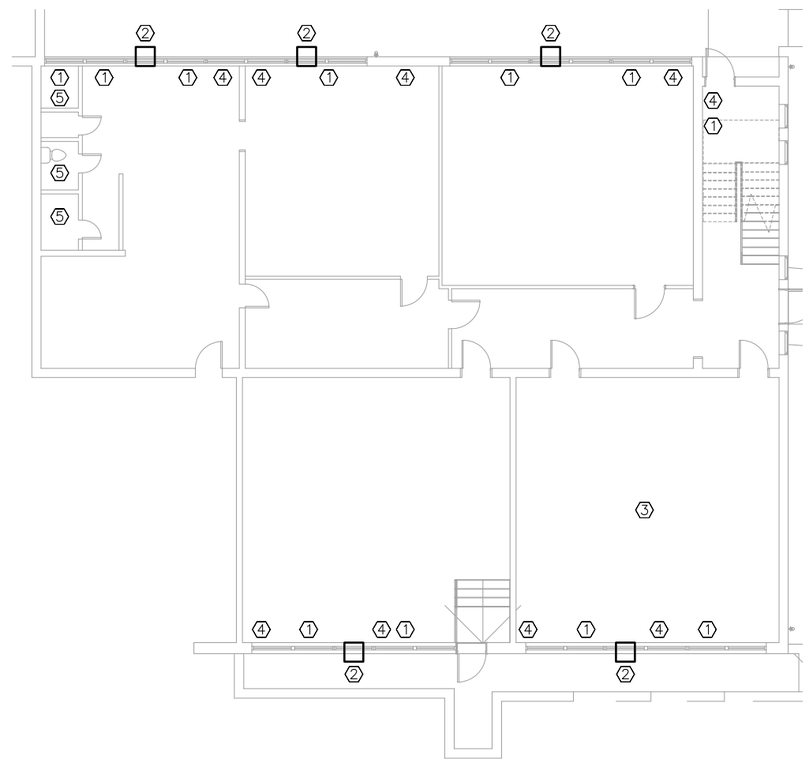
SCALE: AS NOTED
DATE: 3/17/23

SHEET NUMBER
M102

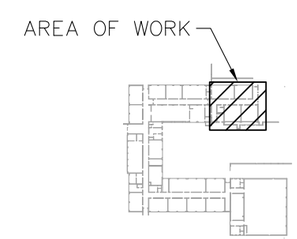
CAD FILE NAME:
23002M102

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



KEYPLAN
SCALE: NONE

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	DATE REVISED:
3	DESCRIPTION:
	DATE REVISED:

GALLMAN CENTER

NEWBERRY COUNTY, SOUTH CAROLINA

PROJECT TITLE

CAFETERIA WING LOWER ADDITION

DRAWING TITLE

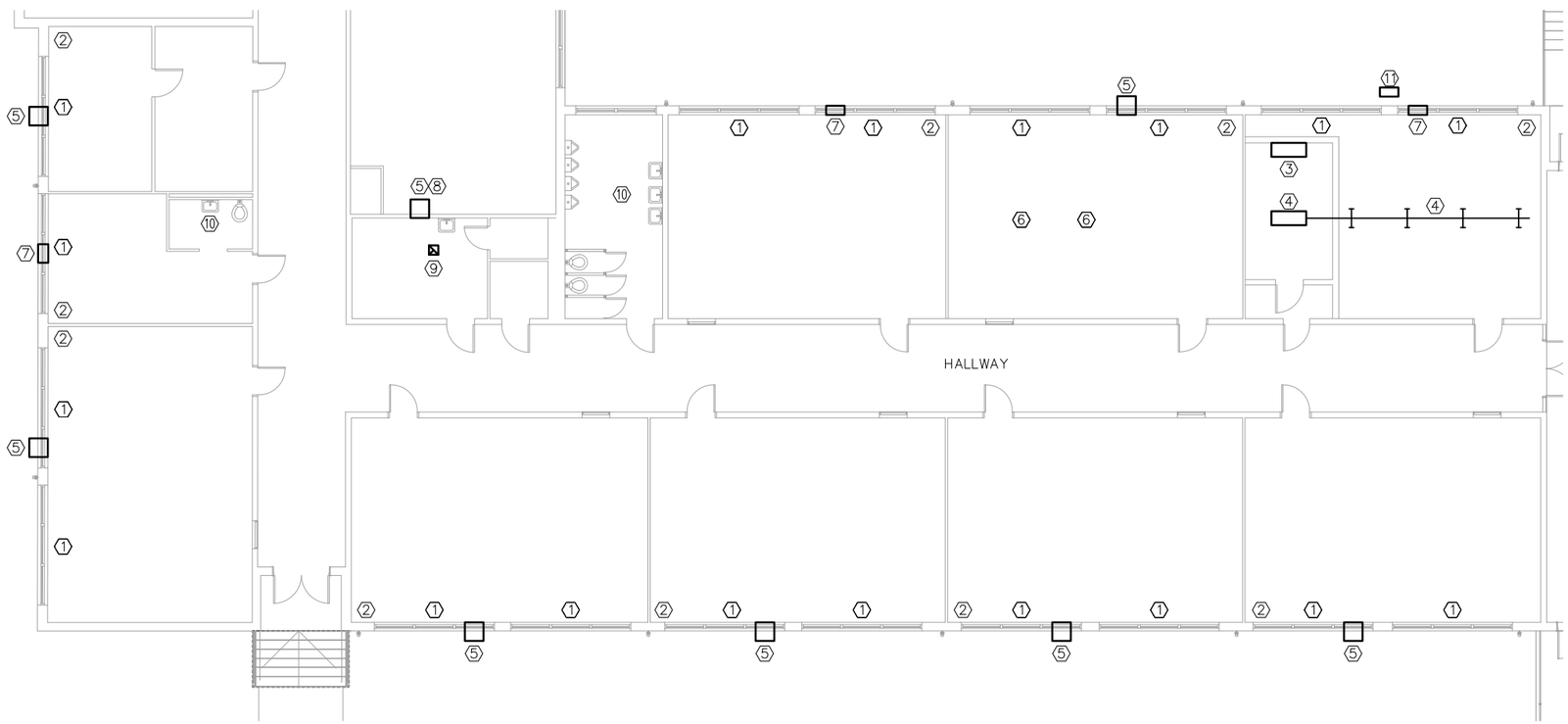
SCALE: AS NOTED
DATE: 2/22/2023

SHEET NUMBER
M103

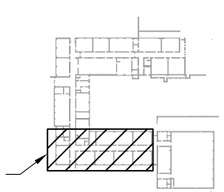
CAD FILE NAME:
23002M103

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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NEWBERRY COUNTY, SOUTH CAROLINA
PROJECT TITLE

CLASSROOM WING
DRAWING TITLE

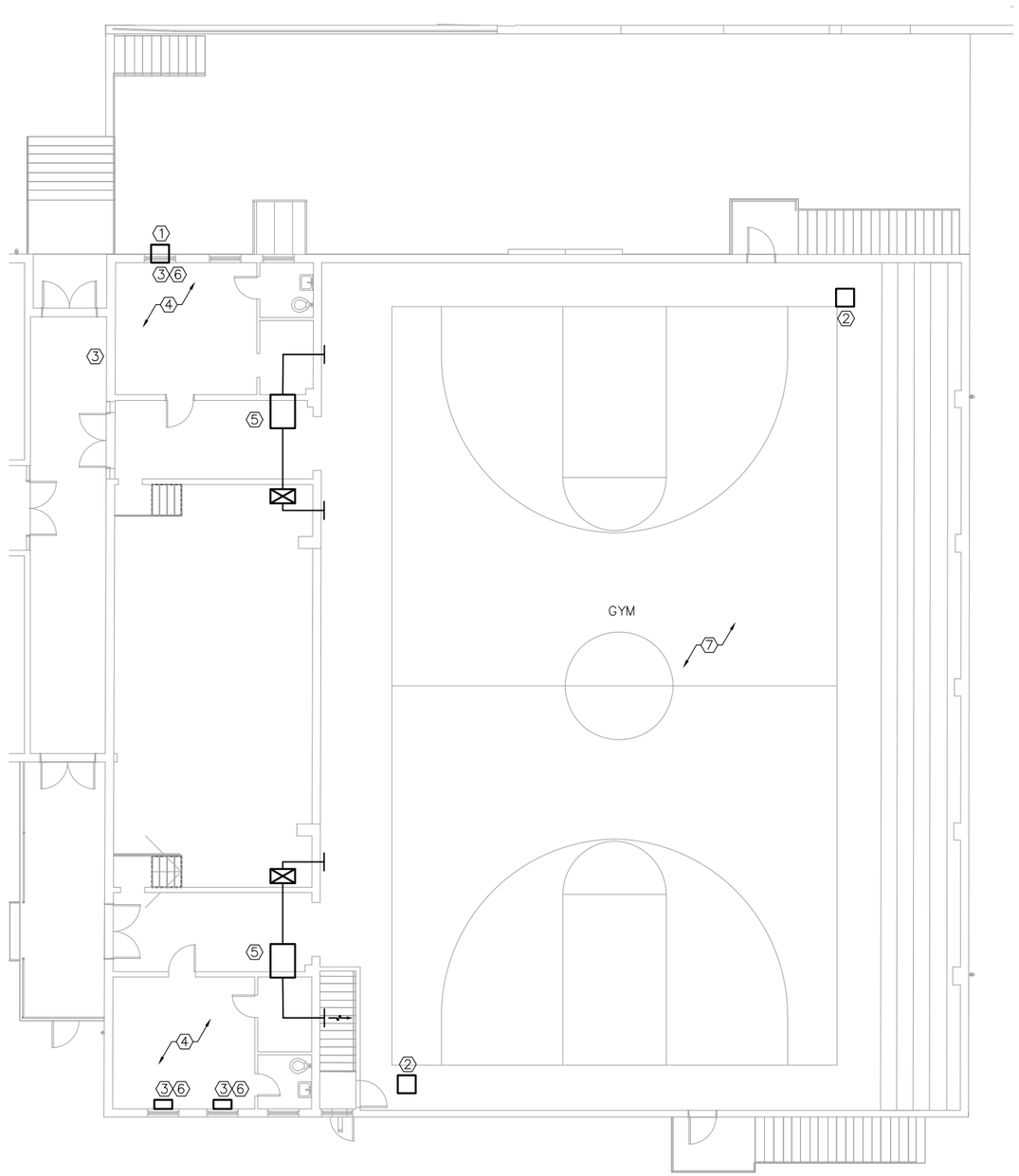
SCALE: AS NOTED
DATE: 3/17/23

SHEET NUMBER
M104

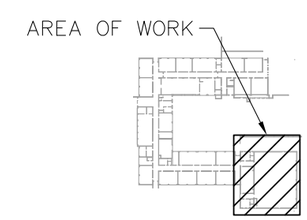
CAD FILE NAME:
23002M104

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.



GYM – UPPER LEVEL
SCALE: NTS



KEYPLAN
SCALE: NONE

EPIC ENGINEERING SOLUTIONS

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	DATE REVISED:

GALLMAN CENTER
NEWBERRY COUNTY, SOUTH CAROLINA
PROJECT TITLE

GYM – UPPER LEVEL
DRAWING TITLE

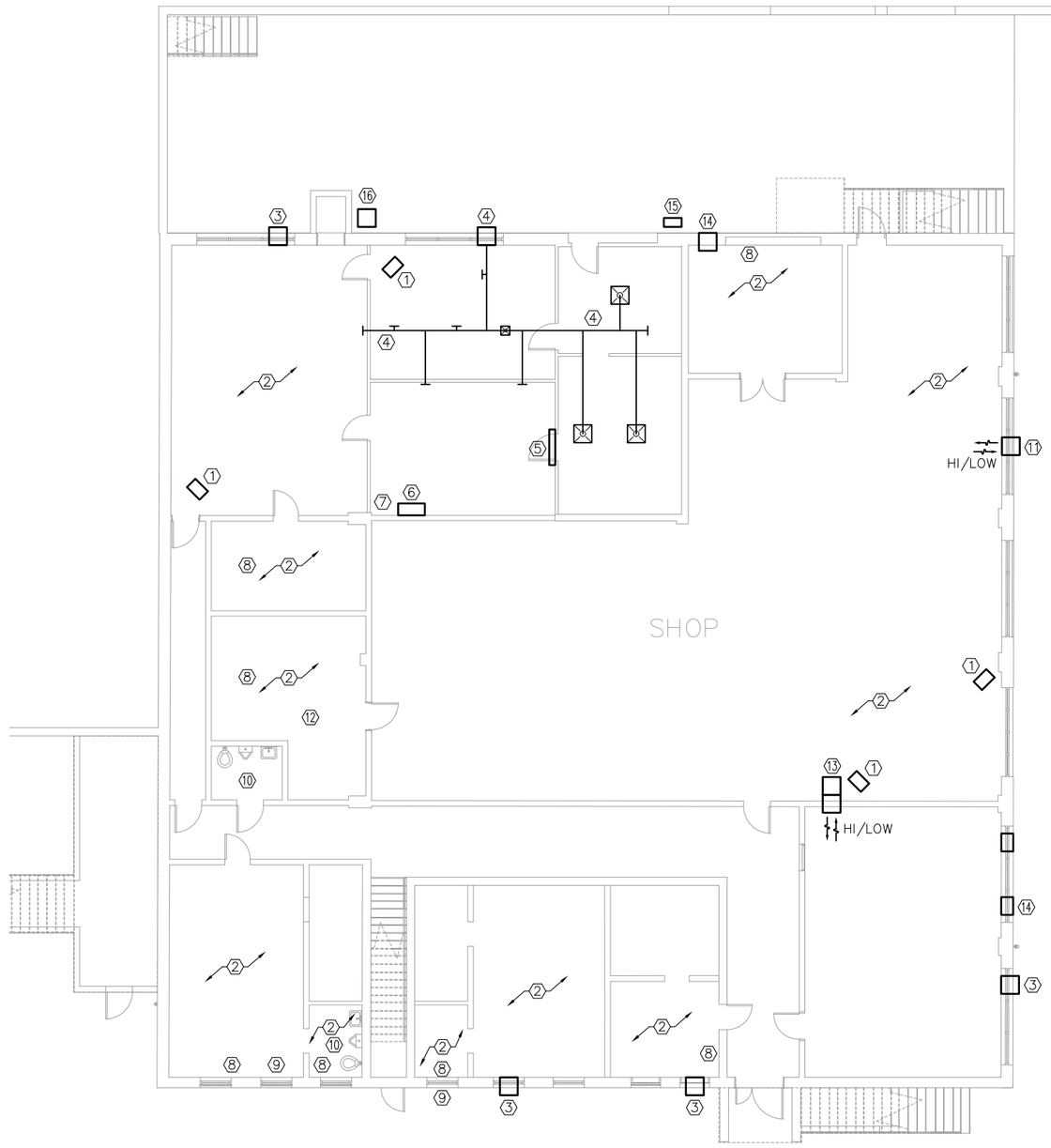
SCALE: AS NOTED
DATE: 3/17/23

SHEET NUMBER
M105

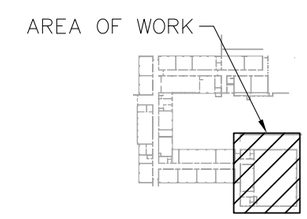
CAD FILE NAME:
23002M105

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.



GYM – LOWER LEVEL
SCALE: NT



KEYPLAN
SCALE: NONE

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3	DESCRIPTION:
	DATE REVISED:

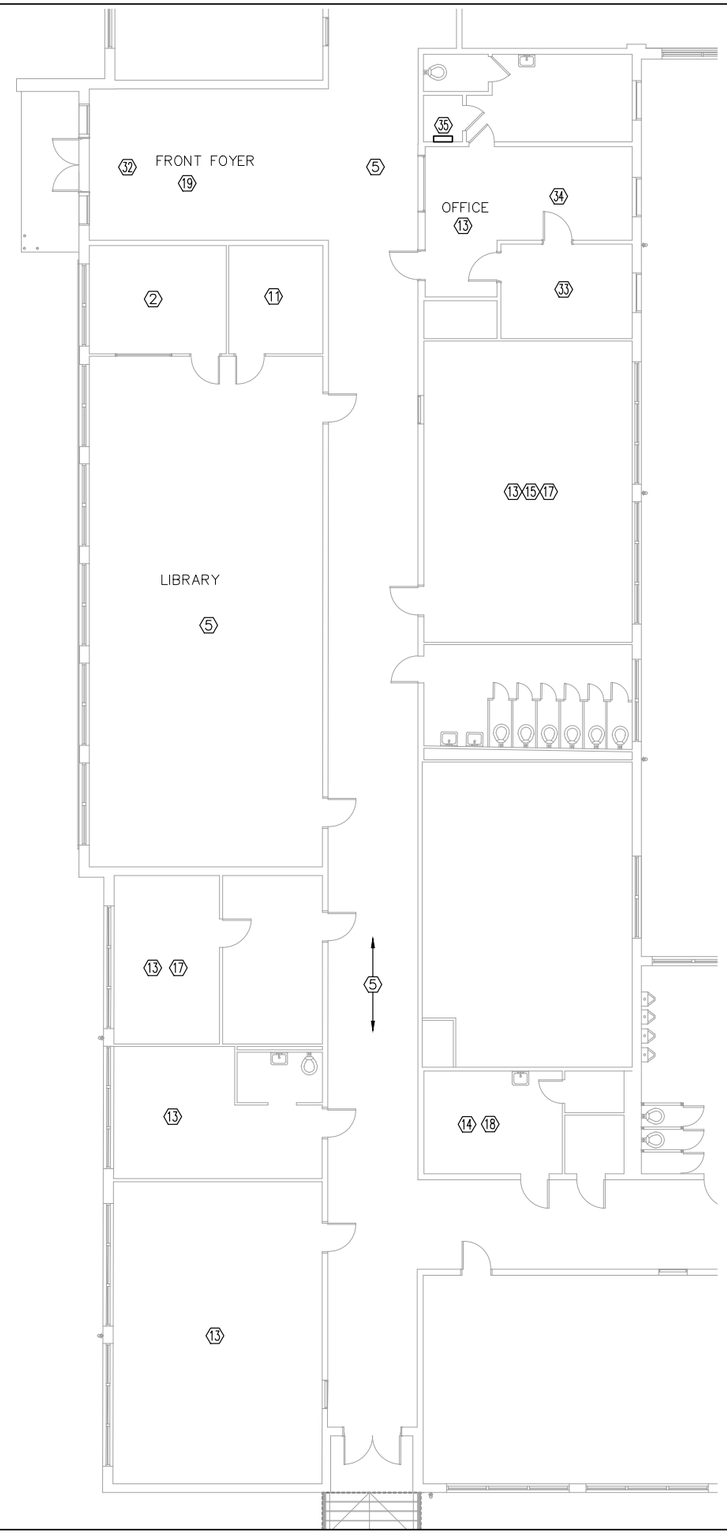
GALLMAN CENTER
NEWBERRY COUNTY, SOUTH CAROLINA
PROJECT TITLE

GYM – LOWER LEVEL
DRAWING TITLE

SCALE: AS NOTED
DATE: 3/17/23

SHEET NUMBER
M106

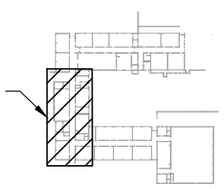
CAD FILE NAME:
23002M106



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.

AREA OF WORK



KEYPLAN
SCALE: NONE

FOYER AND SCHOOL OFFICES
SCALE: NTS

EPIC ENGINEERING SOLUTIONS
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RAD	ACT

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GALLMAN CENTER
NEWBERRY COUNTY, SOUTH CAROLINA
PROJECT TITLE

FOYER AND SCHOOL OFFICES
DRAWING TITLE

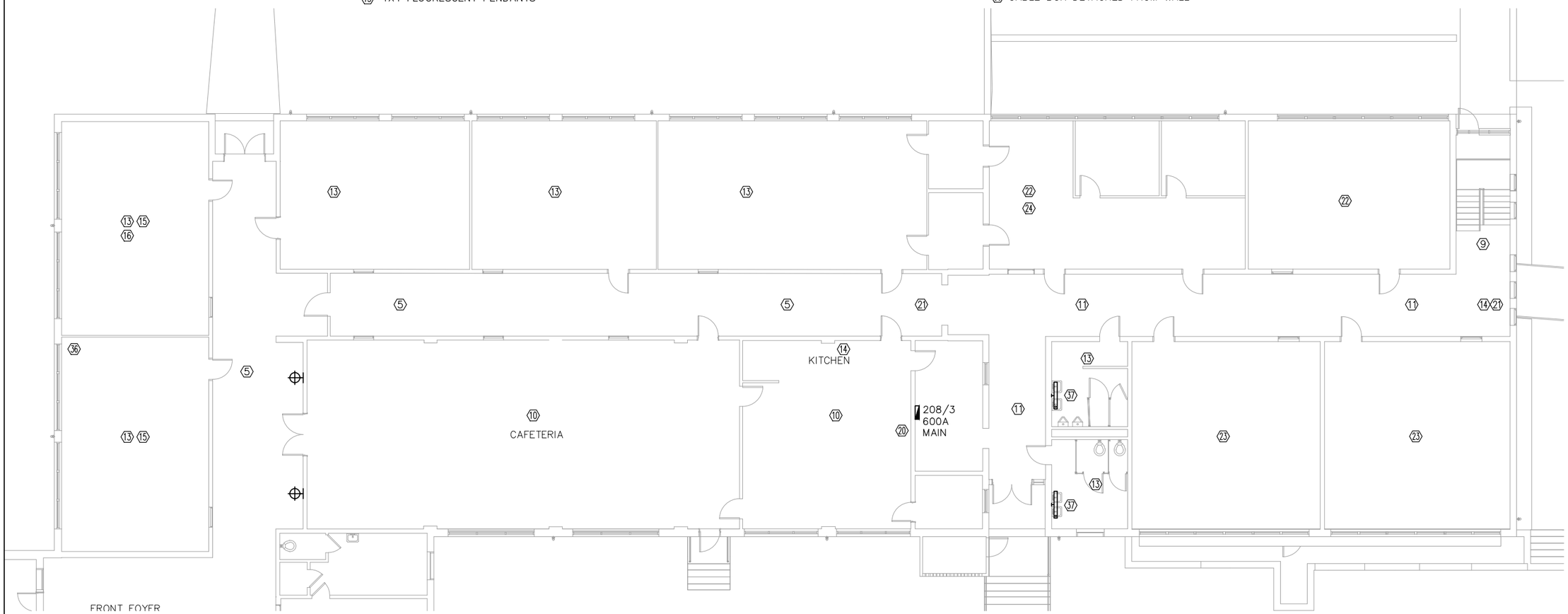
SCALE: AS NOTED
DATE: 3/17/23

SHEET NUMBER
E101

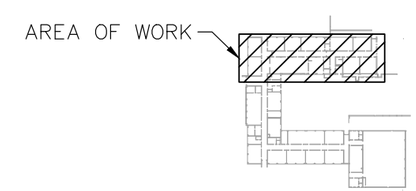
CAD FILE NAME:
23002E101

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



KEYPLAN
SCALE: NONE

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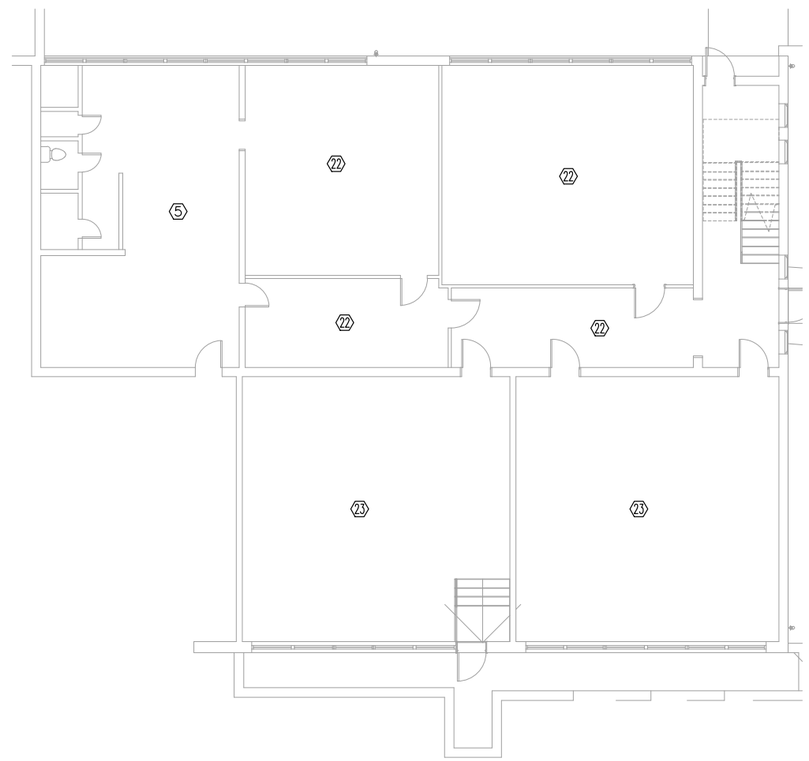
PROJECT TITLE
GALLMAN CENTER
NEWBERRY COUNTY, SOUTH CAROLINA

DRAWING TITLE
CAFETERIA WING

SCALE: AS NOTED
DATE: 3/17/23

SHEET NUMBER
E102

CAD FILE NAME:
23002E102

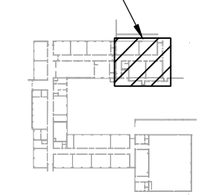


CAFETERIA WING – LOWER ADDITION
SCALE: NTS

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
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.

AREA OF WORK



KEYPLAN
SCALE: NONE

EPIC ENGINEERING SOLUTIONS
P.O. BOX 2132 : MT. PLEASANT, SC 29465
(843) 849-6878 : EPIC JOB NO. 23002

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2	DESCRIPTION:
	DATE REVISED:
3	DESCRIPTION:
	DATE REVISED:

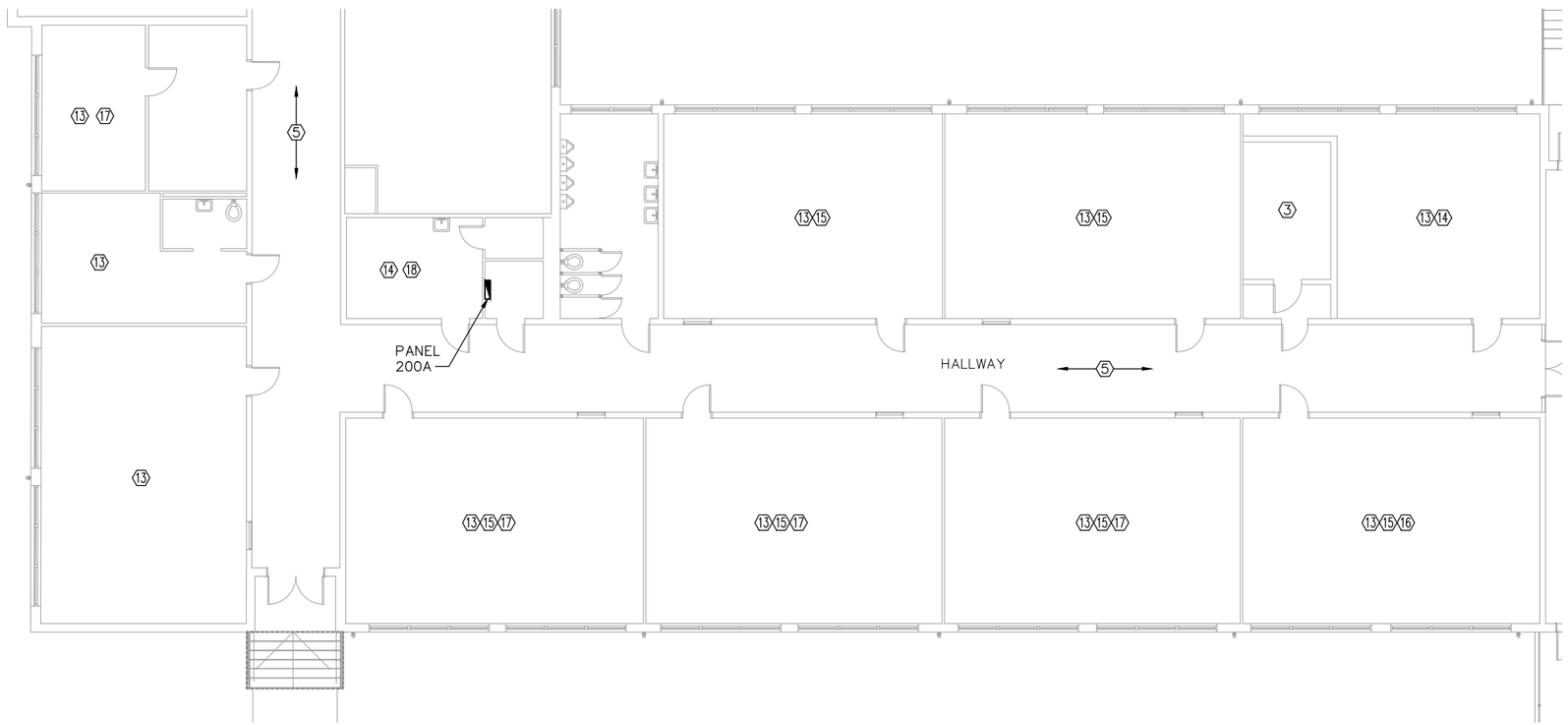
GALLMAN CENTER
NEWBERRY COUNTY, SOUTH CAROLINA
PROJECT TITLE

CAFETERIA WING – LOWER ADDITION
DRAWING TITLE

SCALE: AS NOTED
DATE: 3/17/23

SHEET NUMBER
E103

CAD FILE NAME:
23002E103



CLASSROOM WING
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
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
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30. 200A, PANEL B2.
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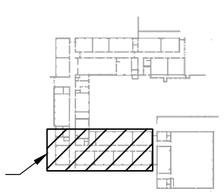
32. NO REMOTE ANNUNCIATOR.
33. TWO LAMP X 8' PENDANT.
34. TWO LAMP X 16' PENDANT.
35. TELEPHONE BACKERBOARD.
36. CABLE BOX DETACHED FROM WALL
37. 1X4 VANITY FIXTURE
38. 24 SPACE PANEL UNDER AIR HANDLING UNIT.
39. FIRE ALARM CONTROL PANEL.



KEYPLAN
SCALE: NONE

EPIC ENGINEERING SOLUTIONS
P.O. BOX 2132 : MT. PLEASANT, SC 29465
(843) 849-6878 : EPIC JOB NO. 23002

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RAD	ACT

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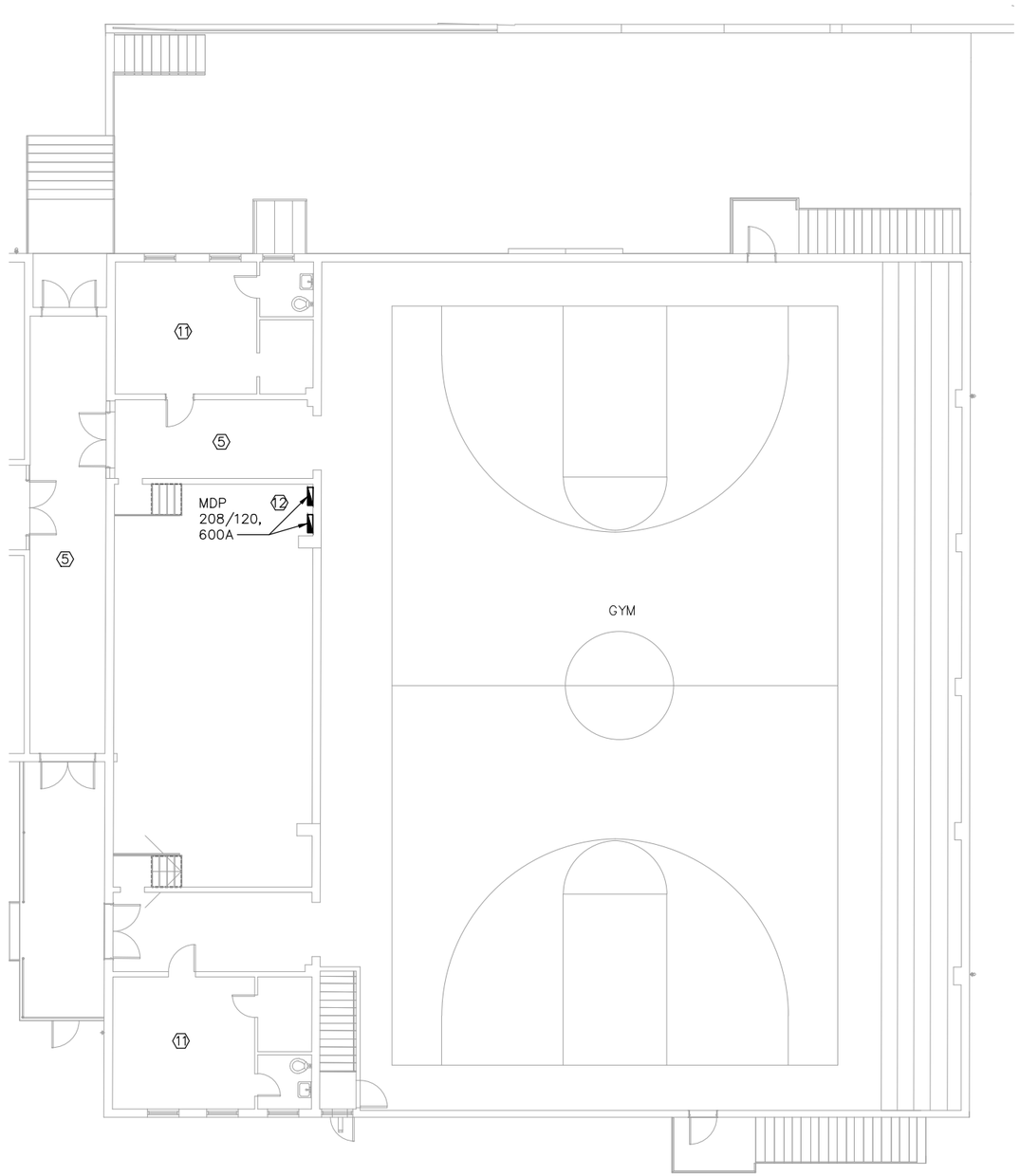
GALLMAN CENTER
NEWBERRY COUNTY, SOUTH CAROLINA
PROJECT TITLE

CLASSROOM WING
DRAWING TITLE

SCALE: AS NOTED
DATE: 3/17/23

SHEET NUMBER
E104

CAD FILE NAME:
23002E104



GYM – UPPER LEVEL
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
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
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17. SWITCH OR RECEPTACLE MISSING COVER
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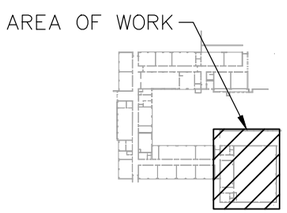
32. NO REMOTE ANNUNCIATOR.
33. TWO LAMP X 8' PENDANT.
34. TWO LAMP X 16' PENDANT.
35. TELEPHONE BACKERBOARD.
36. CABLE BOX DETACHED FROM WALL
37. 1X4 VANITY FIXTURE
38. 24 SPACE PANEL UNDER AIR HANDLING UNIT.
39. FIRE ALARM CONTROL PANEL.



KEYPLAN
SCALE: NONE

EPIC ENGINEERING SOLUTIONS
P.O. BOX 2132 : MT. PLEASANT, SC 29465
(843) 849-6878 : EPIC JOB NO. 23002

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RAD	ACT

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PROJECT TITLE
GALLMAN CENTER
NEWBERRY COUNTY, SOUTH CAROLINA

DRAWING TITLE
GYM – UPPER LEVEL

SCALE: AS NOTED
DATE: 3/17/23

SHEET NUMBER
E105

CAD FILE NAME:
23002E105

GYM – LOWER LEVEL
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
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
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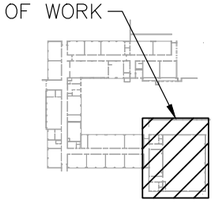
30. 200A, PANEL B2.
31. 4 SPACE PANEL.
32. NO REMOTE ANNUNCIATOR.
33. TWO LAMP X 8' PENDANT.
34. TWO LAMP X 16' PENDANT.
35. TELEPHONE BACKERBOARD.
36. CABLE BOX DETACHED FROM WALL
37. 1X4 VANITY FIXTURE
38. 24 SPACE PANEL UNDER AIR HANDLING UNIT.
39. FIRE ALARM CONTROL PANEL.

AREA OF WORK



KEYPLAN
SCALE: NONE

EPIC ENGINEERING SOLUTIONS
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(843) 849-6878 : EPIC JOB NO. 23002

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RAD	ACT

REVISIONS

	DESCRIPTION:	DATE REVISED:
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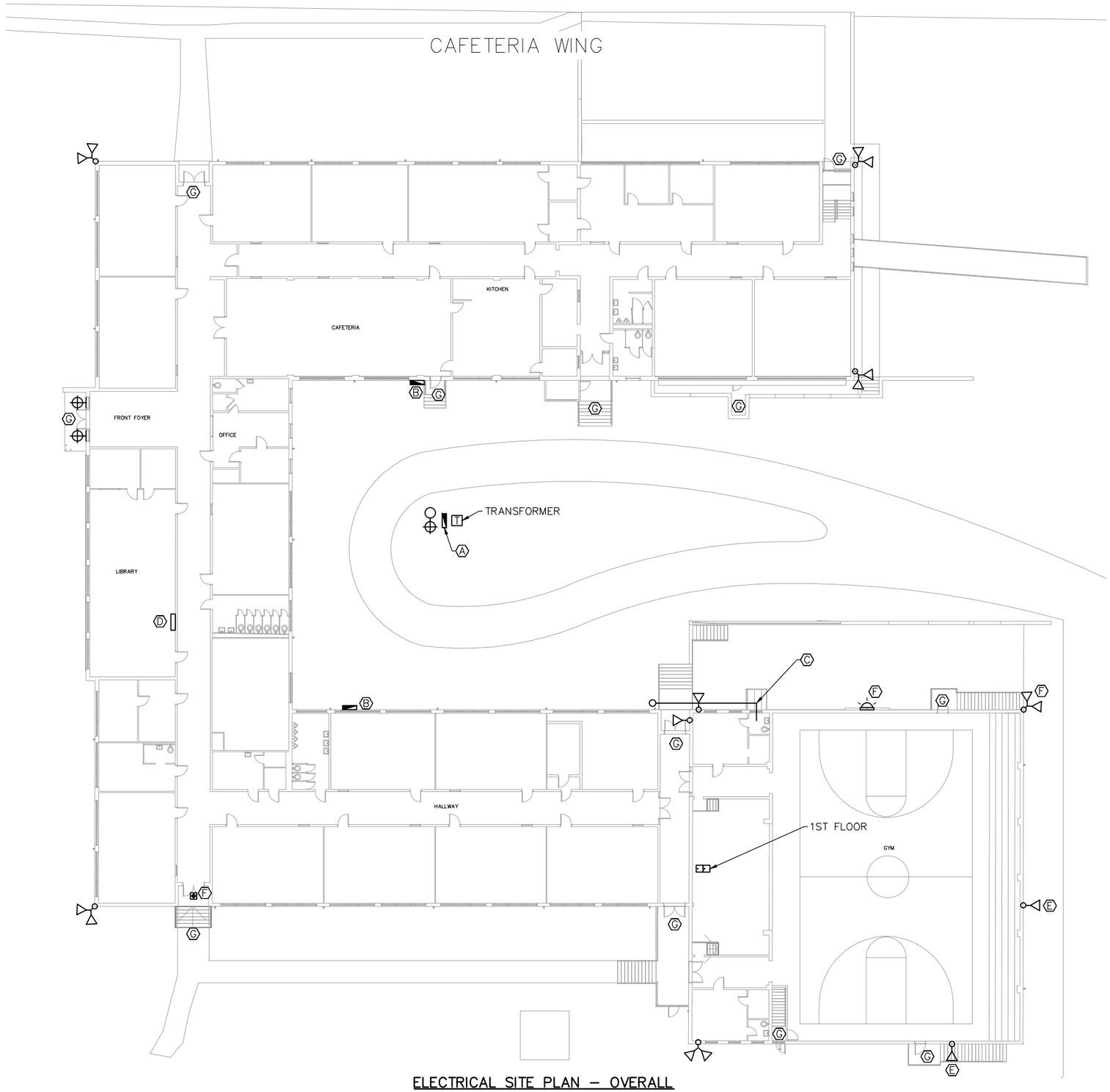
GALLMAN CENTER
NEWBERRY COUNTY, SOUTH CAROLINA
PROJECT TITLE

GYM – LOWER LEVEL
DRAWING TITLE

SCALE: AS NOTED
DATE: 3/17/23

SHEET NUMBER
E106

CAD FILE NAME:
23002E106



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

EPIC ENGINEERING SOLUTIONS
P.O. BOX 2132 · MT. PLEASANT, SC 29465
(843) 849-6878 · EPIC JOB NO. 23002

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	DATE REVISED:

GALLMAN CENTER

NEWBERRY COUNTY, SOUTH CAROLINA

PROJECT TITLE

ELECTRICAL SITE PLAN – OVERALL

DRAWING TITLE

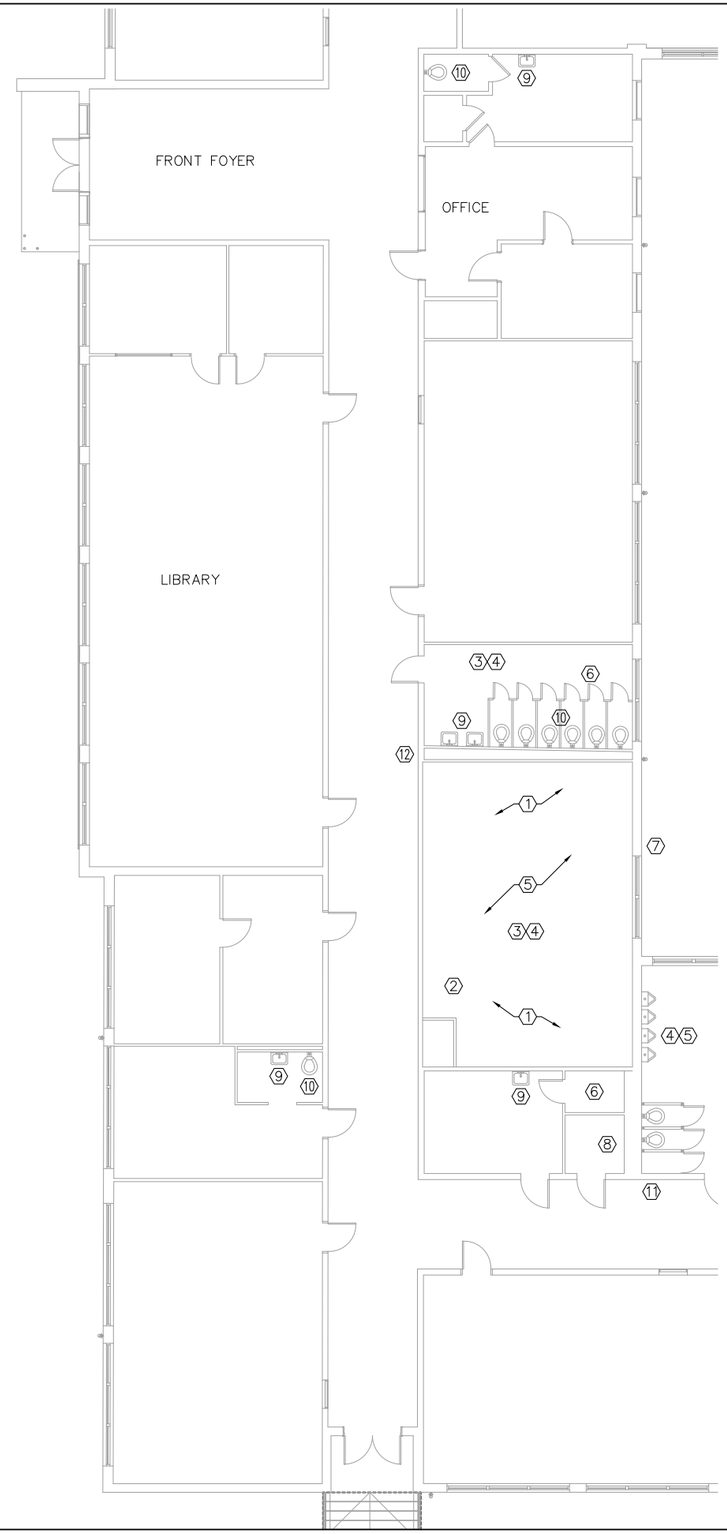
SCALE: AS NOTED

DATE: 3/17/23

SHEET NUMBER

E301

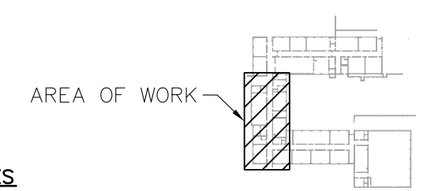
CAD FILE NAME: 23002E301



FOYER AND SCHOOL OFFICES
SCALE: NTS

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.



KEYPLAN
SCALE: NONE

EPIC ENGINEERING SOLUTIONS
P.O. BOX 2132 · MT. PLEASANT, SC 29465
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GALLMAN CENTER

NEWBERRY COUNTY, SOUTH CAROLINA

PROJECT TITLE

FOYER AND SCHOOL OFFICES

DRAWING TITLE

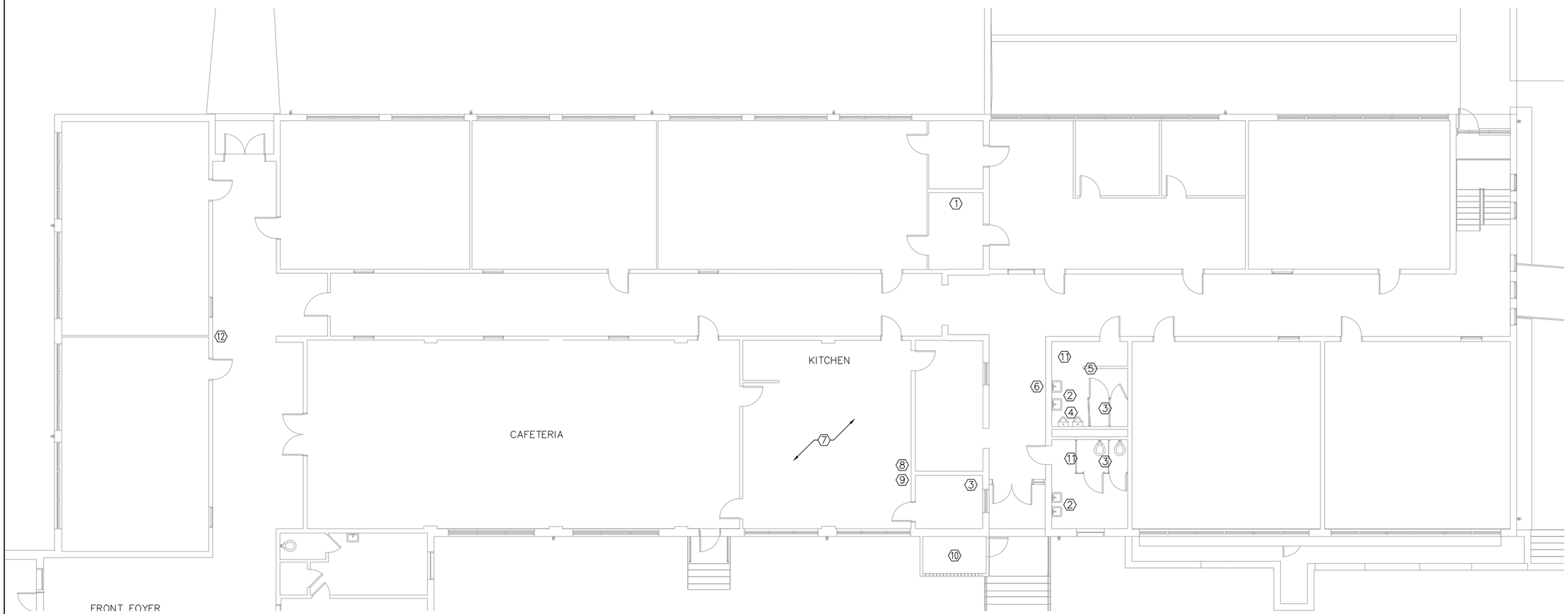
SCALE: AS NOTED
DATE: 3/17/23

SHEET NUMBER
P101

CAD FILE NAME:
23002P101

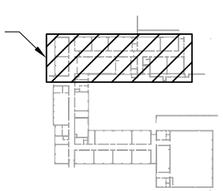
KEYED NOTES (THIS SHEET ONLY)

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

AREA OF WORK



KEYPLAN
SCALE: NONE

EPIC ENGINEERING SOLUTIONS

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PROJECT TITLE
GALLMAN CENTER
NEWBERRY COUNTY, SOUTH CAROLINA

DRAWING TITLE
TITLE

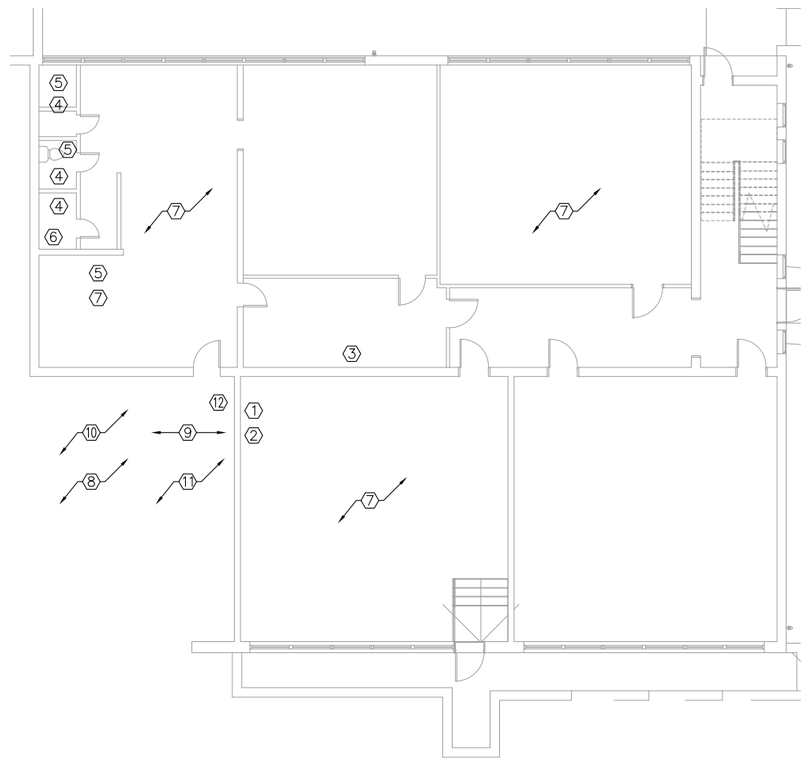
SCALE: 1/16" = 1'-0"
DATE: 3/17/23

SHEET NUMBER
P102

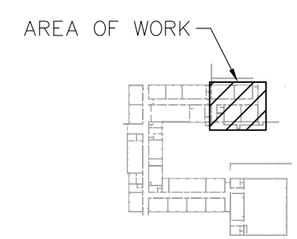
CAD FILE NAME:
23002P102

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.



CAFETERIA WING – LOWER ADDITION
SCALE: NT



KEYPLAN
SCALE: NONE

ENGINEERING SOLUTIONS
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(843) 849-6878 · EPIC JOB NO. 23002

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GALLMAN CENTER
NEWBERRY COUNTY, SOUTH CAROLINA
PROJECT TITLE

CAFETERIA WING - LOWER ADDITION
DRAWING TITLE

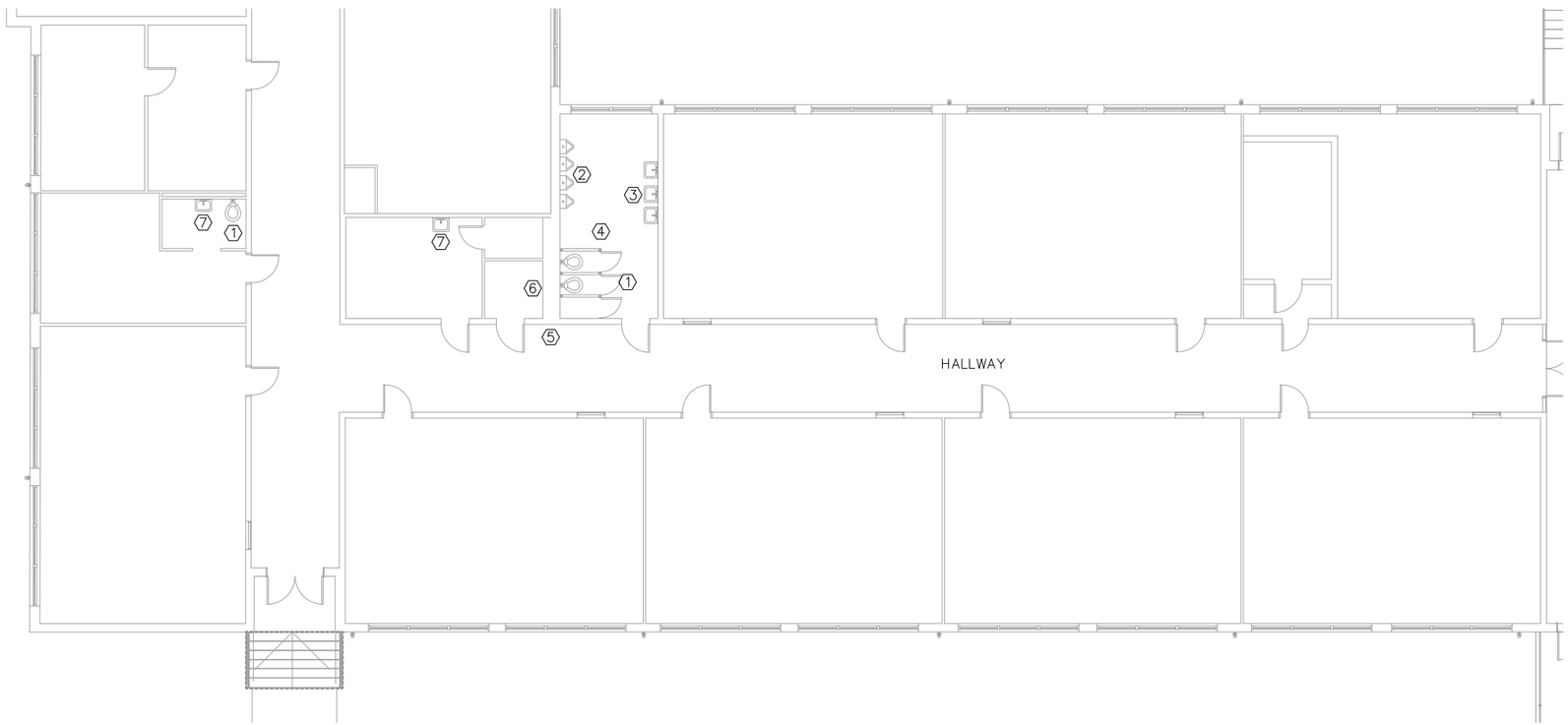
SCALE: AS NOTED
DATE: 3/17/23

SHEET NUMBER
P103

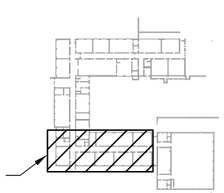
CAD FILE NAME:
23002P103

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

EPIC ENGINEERING SOLUTIONS

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GALLMAN CENTER
NEWBERRY COUNTY, SOUTH CAROLINA
PROJECT TITLE

CLASSROOM WING
DRAWING TITLE

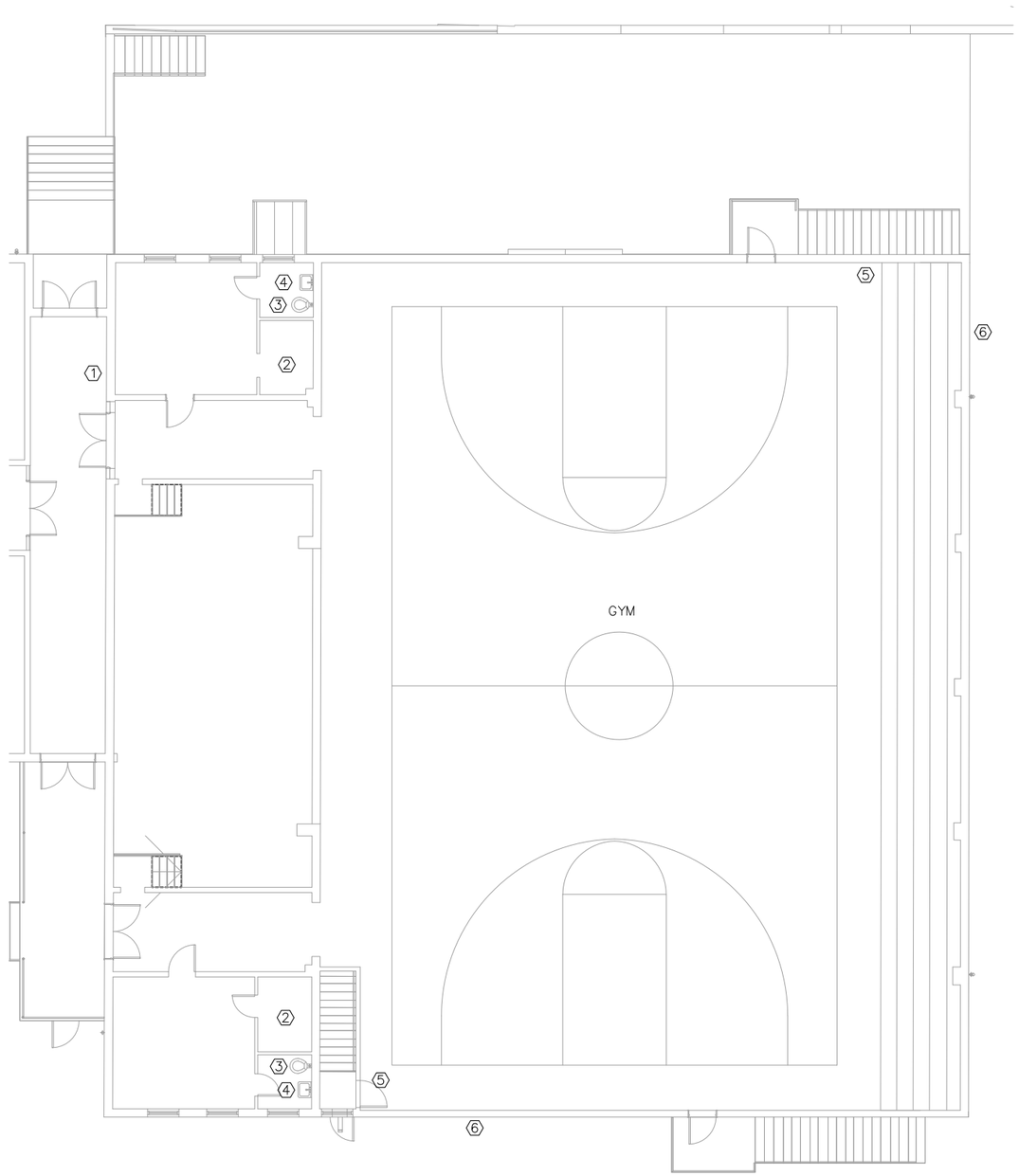
SCALE: AS NOTED
DATE: 3/17/23

SHEET NUMBER
P104

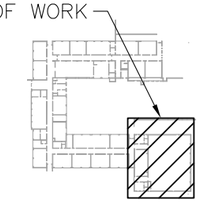
CAD FILE NAME:
23002P104

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).



GYM – UPPER LEVEL
SCALE: NTS



KEYPLAN
SCALE: NONE

EPIC ENGINEERING SOLUTIONS
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DESIGNED BY:	ACT
APPROVED BY:	ACT
DRAWN BY:	RAD
CHECKED BY:	ACT

REVISIONS

1	DESCRIPTION:
	DATE REVISED:
2	DESCRIPTION:
	DATE REVISED:
3	DESCRIPTION:
	DATE REVISED:

PROJECT TITLE
GALLMAN CENTER
NEWBERRY COUNTY, SOUTH CAROLINA

DRAWING TITLE
GYM - UPPER LEVEL

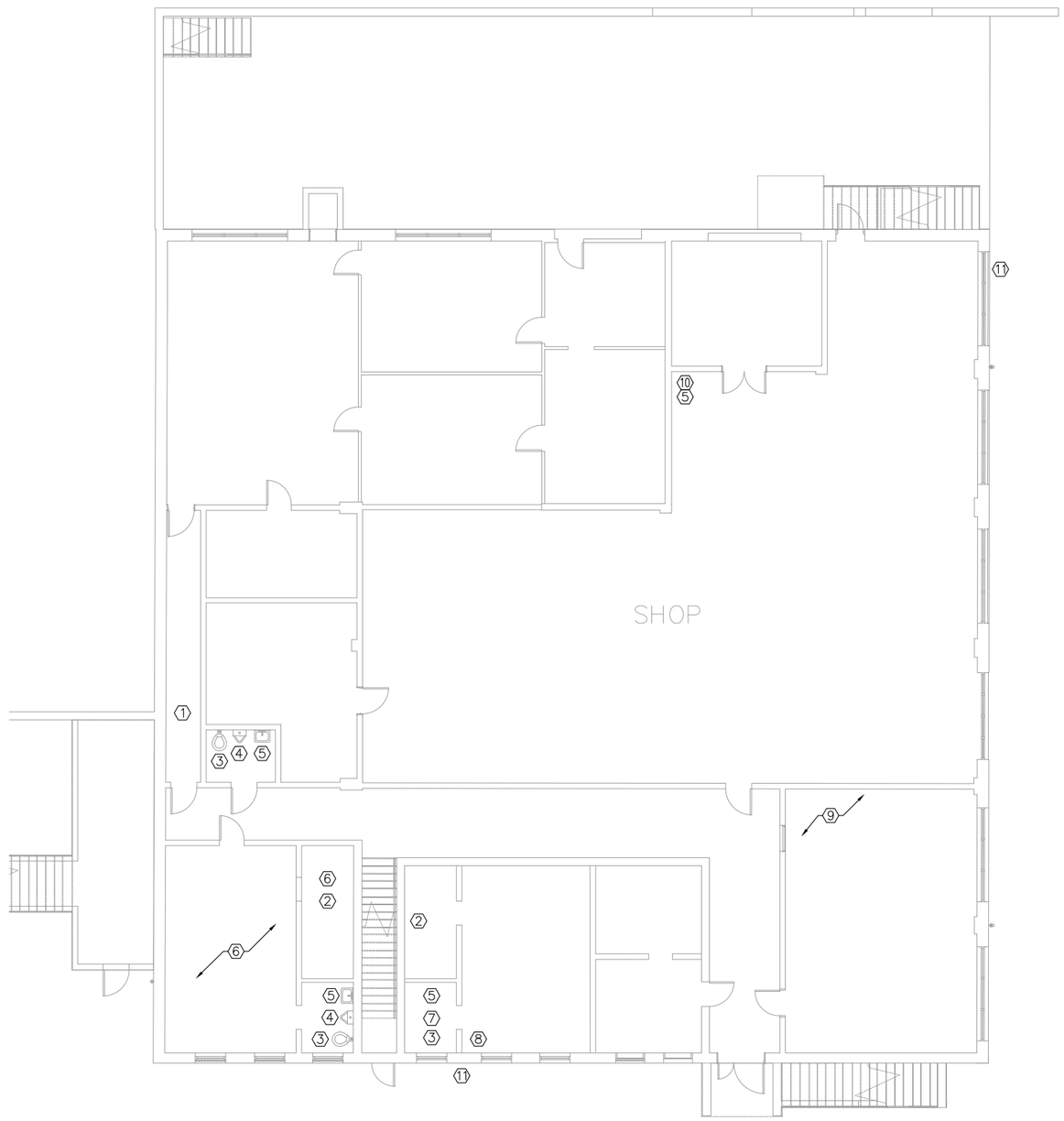
SCALE: AS NOTED
DATE: 3/17/23

SHEET NUMBER
P105

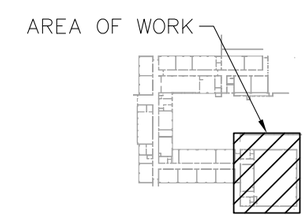
CAD FILE NAME:
23002P105

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.



GYM – LOWER LEVEL
SCALE: NTS



KEYPLAN
SCALE: NONE

EPIC ENGINEERING SOLUTIONS

P.O. BOX 2132 · MT. PLEASANT, SC 29465
(843) 849-6878 · EPIC JOB NO. 23002

DESIGNED BY: ACT	APPROVED BY: ACT
DRAWN BY: RAD	CHECKED BY: ACT

REVISIONS

1	DESCRIPTION:
	DATE REVISED:
2	DESCRIPTION:
	DATE REVISED:
3	DESCRIPTION:
	DATE REVISED:

GALLMAN CENTER
NEWBERRY COUNTY, SOUTH CAROLINA
PROJECT TITLE

GYM – LOWER LEVEL
DRAWING TITLE

SCALE: AS NOTED
DATE: 3/17/23

SHEET NUMBER
P106

CAD FILE NAME:
23002P106

APPENDIX B

INTERVIEW RECORDS

Science & Engineering Consultants

Evan Hamo

From: Evan Hamo
Sent: Thursday, December 7, 2023 1:51 PM
To: Evan Hamo
Subject: Interview Record - Dr. Joe McDonald - Gallman Place

Evan Hamo interviewed Dr. Joe McDonald, a representative of the property owner. Dr. McDonald stated that the school was constructed in 1954, which included the gymnasium. He also stated that a two-story extension of the school building was constructed in 1957. The northeastern wing of the school building is the extension. He stated that the school operated as a high school for many years. The school became an elementary school and recently stopped operations. Dr. Mcdonald stated that more recently the school has been used as a location where community events and learning opportunities are held. During site reconnaissance the door to the boiler room was locked. Dr. McDonald stated that he did not have the key, however an architectural report had recently been performed on the building and additional information could be found in that report.

Evan Hamo, P.G.*

synterra

148 River Street #220
Greenville, South Carolina 29601
Main: 919.858.9898
Mobile: 919.376.7913
Email: ehamo@synterracorp.com
www.synterracorp.com

* Licensed in NC

June 29, 2009
NOTICE OF DEMOLITION

ASBESTOS PROJECT LICENSE ID: N0906379

BRAIN SANDER
ENVIRONMENTAL HOLDINGS GROUP
627 STE G MINUET LN
CHARLOTTE, NC 28217

RE: GALLMAN BUILDING, 540 BRANTLEY ST, NEWBERRY

This license is issued on the basis of information provided in your demolition notification received June 26, 2009. Please refer to the license number above whenever you communicate with DHEC about this project. Use of this license indicates your agreement that the information herein is accurate. This license is non-transferable. The fee for this license is $50.00.

Any asbestos cement products, including transite and exterior siding and roofing shingles, which will be handled in a manner such as grinding, abrading, crushing, or extensive breakage during demolition shall be considered regulated and must be removed prior to demolition to avoid restrictive disposal requirements and violation of the State asbestos licensing requirements. Other methods of demolition which render all asbestos-containing material regulated include but not limited to implosions, explosions and the intentional burning of the facility. Open burning requirements outline within SC Air Pollution Control Regulation No. 62.2 shall apply.

Reportedly, there will be no regulated asbestos-containing materials remaining on the interior or exterior of this facility during demolition. Appropriate arrangements for disposal of the demolition debris should be made directly with the landfill.

Demolition has been scheduled to begin July 13, 2009 and complete July 30, 2009. **If the demolition operation will begin after this date, please telephone the Asbestos Section in Columbia on or before this date.** Additionally, written notice of a new start date must be received by DHEC as soon as possible before, but no later than the original start date referenced above. In no event shall a demolition operation begin on a date other than the date referenced within this acknowledgment unless specified by DHEC.

The SCDHEC Division of Mining & Solid Waste Management also has rules governing the disposal of materials that have come in contact with lead-based paint. Materials which are painted with lead-based paint must be disposed of in a lined Municipal Solid Waste Landfill. Please contact the Bureau of Land and Waste Management at (803) 896-4000 for additional information.

Please be aware, the revised OSHA standards for asbestos removal may apply to the above-mentioned abatement project(s). Please contact the South Carolina Department of Labor at (803) 869-7661 for additional information concerning this standard.

Please notify DHEC should there be any discrepancy in this information.

Questions may be directed to the Asbestos Section at (803) 898-4289.

Asbestos Section
Bureau of Air Quality

D H E C

PROMOTE PROTECT PROSPER

Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

ASBESTOS ABATEMENT PROJECT LICENSE

License Number: R1406229
NESHAP
Issued by: Carmen L Figueroa
Issued: June 12, 2014

CORY EDWARDS
NEO CORPORATION
289 SILKWOOD DR
CANTON, NC 28716-7204

SITE: Gallman Education Center
LOCATION: 540 BRANTLEY ST, Newberry
AMOUNT: 2789 LF F Pipe Insulation

This license is issued based on information provided in your asbestos abatement notification received June 10, 2014. Please refer to the license number above whenever you communicate with DHEC about this project. Use of this license indicates your agreement that the information herein is accurate. This license is non-transferable and is issued subject to the following conditions:

I. Removal or other abatement activities which have the potential to disturb regulated asbestos shall begin June 23, 2014, and shall complete July 07, 2014. If there is any change in these dates, you must notify DHEC in accordance with applicable State and Federal regulations.

II. Based on the information you have provided, the license fee is $278.90 for this project. You will be billed for any amount due. If the amount of asbestos material abated increases after the project has begun, you must amend your notification and pay any additional fees.

III. You are hereby authorized to dispose of asbestos waste from this project at the Curry Lake C & D Landfill - 302693-1201. Authorization is valid only for the amount of asbestos indicated above, and for a reasonable amount of other asbestos-contaminated materials generated during this project. You must obtain prior approval for disposal from the landfill operator. There shall be no leakage or spillage during transport. Authorization for disposal shall expire forty-five (45) days after July 07, 2014.

IV. At the conclusion of this project, you must submit a completed copy of your Waste Shipment Record to the Department.

The SCDHEC Division of Solid Waste Planning & Recycling also has rules governing the disposal of materials that have come in contact with lead-based paint. Materials which have been painted with lead-based paint must be disposed of in a Class Two or Three Landfill. Please contact the Bureau of Land and Waste Management for additional information.

Robin A. Mack

Asbestos Section
Bureau of Air Quality

D H E C

PROMOTE PROTECT PROSPER

Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

ASBESTOS ABATEMENT PROJECT LICENSE

License Number: R1406229
NESHAP
Issued by: Carmen L Figueroa
Issued: June 12, 2014

CORY EDWARDS
NEO CORPORATION
289 SILKWOOD DR
CANTON, NC 28716-7204

SITE: Gallman Education Center - Crawlspace
LOCATION: 540 BRANTLEY ST, Newberry
AMOUNT: 2789 LF F Pipe Insulation

This license is issued based on information provided in your asbestos abatement notification received June 10, 2014. Please refer to the license number above whenever you communicate with DHEC about this project. Use of this license indicates your agreement that the information herein is accurate. This license is non-transferable and is issued subject to the following conditions:

I. Removal or other abatement activities which have the potential to disturb regulated asbestos shall begin June 23, 2014, and shall complete July 07, 2014. If there is any change in these dates, you must notify DHEC in accordance with applicable State and Federal regulations.

II. Based on the information you have provided, the license fee is $278.90 for this project. You will be billed for any amount due. If the amount of asbestos material abated increases after the project has begun, you must amend your notification and pay any additional fees.

III. You are hereby authorized to dispose of asbestos waste from this project at the Curry Lake C & D Landfill - 302693-1201. Authorization is valid only for the amount of asbestos indicated above, and for a reasonable amount of other asbestos-contaminated materials generated during this project. You must obtain prior approval for disposal from the landfill operator. There shall be no leakage or spillage during transport. Authorization for disposal shall expire forty-five (45) days after July 07, 2014.

IV. At the conclusion of this project, you must submit a completed copy of your Waste Shipment Record to the Department.

The SCDHEC Division of Solid Waste Planning & Recycling also has rules governing the disposal of materials that have come in contact with lead-based paint. Materials which have been painted with lead-based paint must be disposed of in a Class Two or Three Landfill. Please contact the Bureau of Land and Waste Management for additional information.

Robin A. Mack

Asbestos Section
Bureau of Air Quality

D H E C

PROMOTE PROTECT PROSPER

Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

ASBESTOS ABATEMENT PROJECT LICENSE

License Number: R1406229
NESHAP
Issued by: Carmen L Figueroa
Issued: June 12, 2014

CORY EDWARDS
NEO CORPORATION
289 SILKWOOD DR
CANTON, NC 28716-7204

SITE: Gallman Education Center - Crawlspace
LOCATION: 540 BRANTLEY ST, Newberry
AMOUNT: 2789 LF F Pipe Insulation

This license is issued based on information provided in your asbestos abatement notification received June 10, 2014. Please refer to the license number above whenever you communicate with DHEC about this project. Use of this license indicates your agreement that the information herein is accurate. This license is non-transferable and is issued subject to the following conditions:

I. Removal or other abatement activities which have the potential to disturb regulated asbestos shall begin June 23, 2014, and shall complete July 10, 2014. If there is any change in these dates, you must notify DHEC in accordance with applicable State and Federal regulations.

II. Based on the information you have provided, the license fee is $278.90 for this project. You will be billed for any amount due. If the amount of asbestos material abated increases after the project has begun, you must amend your notification and pay any additional fees.

III. You are hereby authorized to dispose of asbestos waste from this project at the Curry Lake C & D Landfill - 302693-1201. Authorization is valid only for the amount of asbestos indicated above, and for a reasonable amount of other asbestos-contaminated materials generated during this project. You must obtain prior approval for disposal from the landfill operator. There shall be no leakage or spillage during transport. Authorization for disposal shall expire forty-five (45) days after July 10, 2014.

IV. At the conclusion of this project, you must submit a completed copy of your Waste Shipment Record to the Department.

The SCDHEC Division of Solid Waste Planning & Recycling also has rules governing the disposal of materials that have come in contact with lead-based paint. Materials which have been painted with lead-based paint must be disposed of in a Class Two or Three Landfill. Please contact the Bureau of Land and Waste Management for additional information.

Robin A. Mack

Asbestos Section
Bureau of Air Quality

ASBESTOS ABATEMENT PROJECT LICENSE

License Number: D0906374

BRAIN SANDER
ENVIRONMENTAL HOLDINGS GROUP
627 STE G MINUET LN
CHARLOTTE, NC 28217

704-527-2018

SITE: NEWBERRY SCHOOL DISTRICT GALLMAN BLDG
LOCATION: 540 BRANTLEY ST, NEWBERRY
AMOUNT: 1700 SF NF FLOOR TILE & MASTIC

This license is issued on the basis of information provided in your asbestos abatement notification, received June 26, 2009. Please refer to the license number above whenever you communicate with DHEC about this project. Use of this license indicates your agreement that the information herein is accurate. This license is non-transferable.

According to the information you have provided, the material you intend to abate is non-regulated. If at any time during the project the material is rendered regulated, you must immediately amend your notification, comply with all applicable regulations, and pay any applicable asbestos abatement fees.

You are hereby authorized to dispose of asbestos waste from this project at the Union County (Upstate) Regional Msw Landfill - 442441-1101. Authorization is valid only for the amount of asbestos indicated above, and for a reasonable amount of other asbestos-contaminated materials generated during this project. You must obtain prior approval for disposal from the landfill operator. There shall be no leakage or spillage during transport. Authorization for disposal shall expire thirty (30) days after July 10, 2009.

At the conclusion of this project, you must submit a completed copy of your Waste Shipment Record to DHEC in Columbia.

The SCDHEC Division of Solid Waste Planning & Recycling also has rules governing the disposal of materials that have come in contact with lead-based paint. Please contact the Bureau of Land and Waste Management at (803) 896-4000 for additional information.

For further information about asbestos abatement and disposal requirements, please contact the Asbestos Section at (803) 898-4289.

Issued: June 26, 2009

_____
Asbestos Section
Bureau of Air Quality

cc: Administrator of Union County (Upstate) Regional Msw Landfill

APPENDIX C

SITE PHOTOGRAPHS

synTerra

Science & Engineering Consultants

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
City of Newberry	540 Brantley Street, Newberry, SC	00.5633.16

Photo No.	Date:
1	10/16/23

Direction of Photo:

Southeast

Description:

The entrance of the school on the subject property

Photo No.	Date:
2	10/16/23

Direction of Photo:

North

Description:

View of the gymnasium on the southern end of the school building

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
City of Newberry	540 Brantley Street, Newberry, SC	00.5633.16

Photo No.	Date:
3	10/16/23

Direction of Photo:

Southwest

Description:

Dumpsters located in the central courtyard

Photo No.	Date:
4	10/16/23

Direction of Photo:

North

Description:

Empty propane cage located in the central courtyard

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
City of Newberry	540 Brantley Street, Newberry, SC	00.5633.16

Photo No.	Date:
5	10/16/23

Direction of Photo:

Northeast

Description:

Two trailers located southeast of the school building

Photo No.	Date:
6	10/16/23

Direction of Photo:

northeast

Description:

View of a natural gas connection on the eastern exterior of the subject property

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
City of Newberry	540 Brantley Street, Newberry, SC	00.5633.16

Photo No.	Date:
7	10/16/23

Direction of Photo:

North

Description:

The pad-mounted transformer in the central portion of the courtyard

Photo No.	Date:
8	10/16/23

Direction of Photo:

Interior

Description:

Interior of the school building

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
City of Newberry	540 Brantley Street, Newberry, SC	00.5633.16

Photo No.	Date:
9	10/16/23

Direction of Photo:

Interior

Description:

Additional view of the interior of the school building

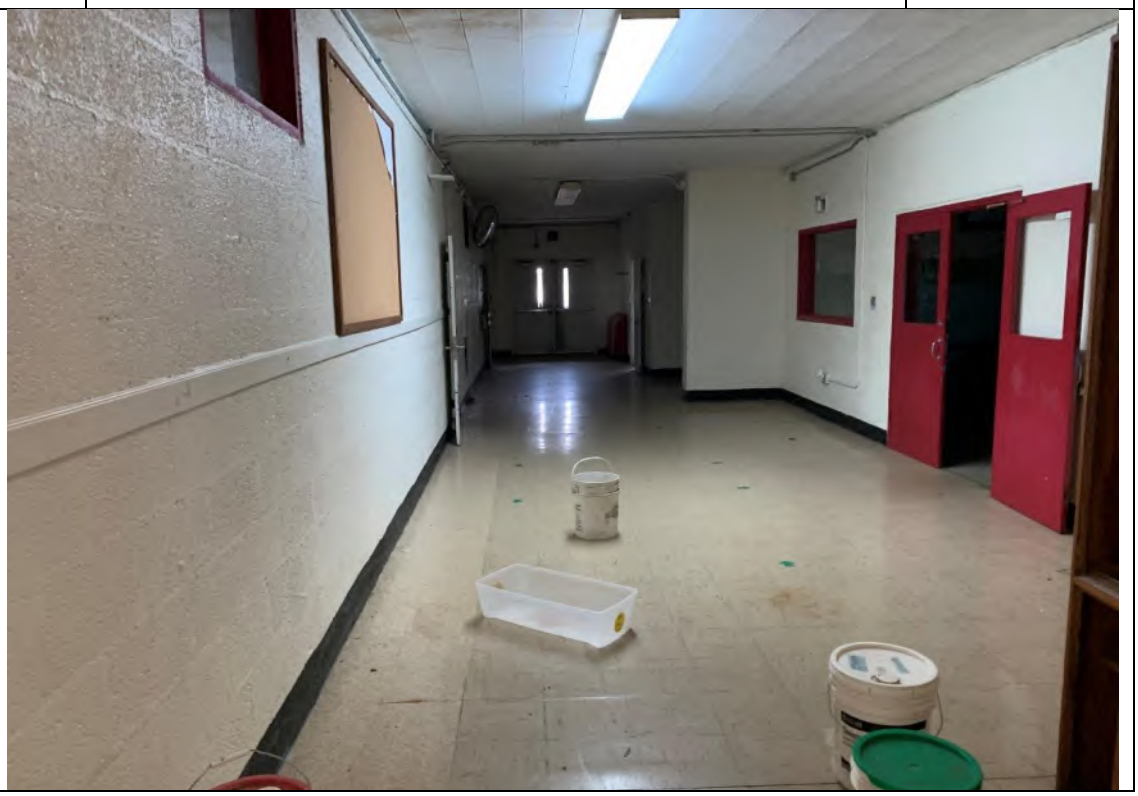


Photo No.	Date:
10	10/16/23

Direction of Photo:

Interior

Description:

View of a classroom in the school building

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
City of Newberry	540 Brantley Street, Newberry, SC	00.5633.16

Photo No.	Date:
11	10/16/23

Direction of Photo:

Interior

Description:

Additional classroom currently used for storage

Photo No.	Date:
12	10/16/23

Direction of Photo:

Interior

Description:

View of the kitchen in the school building

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
City of Newberry	540 Brantley Street, Newberry, SC	00.5633.16

Photo No.	Date:
13	10/16/23

Direction of Photo:

Interior

Description:

Pantry connected to the kitchen with damaged floor tiles

Photo No.	Date:
14	10/16/23

Direction of Photo:

Interior

Description:

Interior of the gymnasium

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
City of Newberry	540 Brantley Street, Newberry, SC	00.5633.16

Photo No.	Date:
15	10/16/23

Direction of Photo:

Interior

Description:

View of the drop-down radiant heater in the gymnasium

Photo No.	Date:
16	10/16/23

Direction of Photo:

Interior

Description:

The stage in the gymnasium

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
City of Newberry	540 Brantley Street, Newberry, SC	00.5633.16

Photo No.	Date:
17	10/16/23

Direction of Photo:

Interior

Description:

Shower room in the basement of the gymnasium

Photo No.	Date:
18	10/16/23

Direction of Photo:

Interior

Description:

Former locker room with floor drain

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
City of Newberry	540 Brantley Street, Newberry, SC	00.5633.16

Photo No.	Date:
19	10/16/23

Direction of Photo:

Interior

Description:

Workroom that adjoins the shower and locker room

Photo No.	Date:
20	10/16/23

Direction of Photo:

Interior

Description:

Workshop space located below the gymnasium

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
City of Newberry	540 Brantley Street, Newberry, SC	00.5633.16

Photo No.	Date:
21	10/16/23

Direction of Photo:

Interior

Description:

Drop-down radiant heater inside the shop room

Photo No.	Date:
22	10/16/23

Direction of Photo:

Interior

Description:

Work bench inside the shop area

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
City of Newberry	540 Brantley Street, Newberry, SC	00.5633.16

Photo No.	Date:
23	10/16/23

Direction of Photo:

Interior

Description:

Containers of paints, lacquers, and hazardous materials staged on the concrete floor in the shop area

Photo No.	Date:
24	10/16/23

Direction of Photo:

Interior

Description:

Additional hazardous materials staged on a wooded pallet

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
City of Newberry	540 Brantley Street, Newberry, SC	00.5633.16

Photo No.	Date:
25	10/16/23

Direction of Photo:

Interior

Description:

Interior of trailer closest to the school containing a small office space

Photo No.	Date:
26	10/16/23

Direction of Photo:

Interior

Description:

Trailer furthest from the school containing spare desks and cubicles

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
City of Newberry	540 Brantley Street, Newberry, SC	00.5633.16

Photo No.	Date:
27	10/16/23

Direction of Photo:

North

Description:

Brantley Street across which is single family residences that adjoin the subject property to the north

Photo No.	Date:
28	10/16/23

Direction of Photo:

Southeast

Description:

McSwain Street followed by single-family residence adjoining the subject property to the east

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
City of Newberry	540 Brantley Street, Newberry, SC	00.5633.16

Photo No.	Date:
29	10/16/23

Direction of Photo:

South

Description:

McSwain Street across which is the Municipal Training Center that adjoins the subject property to the south

Photo No.	Date:
30	10/16/23

Direction of Photo:

West

Description:

McSwain Street across which is wooded land which adjoins the subject property to the west

APPENDIX D

FIELD NOTES

Science & Engineering Consultants

synTerra

Science & Engineering Consultants

synterracorp.com

DATE: 10/16/2023	JOB NO. 5633.16	PROJECT NAME:	Gallman Place Parcel
LOCATION:	540 Brantley, Newberry	PRESENT AT SITE:	Dr. Joe McDonald / Evan Hamo
WEATHER:	62° F Clear	TEMPERATURE & TIME:	
DEPARTURE TIME	2:45 AM PM	SITE DEPARTURE TIME	4:00 AM PM
ARRIVAL TIME	3:00 AM PM	END TIME	6:30 AM PM

THE FOLLOWING WAS NOTED:

met Dr. Joe McDonald.
- school built in 1953/1957 2 trailers?
- with gymnasium.
- No USTs known
- natural gas - connection
- pad-mounted trans. - no PCB labels. - no leaks.
- unmarked pole mounted transformers

Interior classrooms. drop ceiling. carpets CMU walls. - window AC units.
- Kitchen - sink tile
  pantry - broken tile mastic?
- Gym - drop-down heaters
- below - Shower room work spaces. locker room - clogged floor drain
- Shop space. - drop down heat
- Shop tables
  - containers of paints, lacquers, flamable. - no visible spills/ stains.
- addition - classrooms - built in ~~1957~~ 1957. - per foundation?
  - spray ACM?
- Boiler room - locked. - Newberry has architect report - ask Jeff.

Trailers 1) small office.
2) storage / empty. cubicles / desks.

COPIES TO _____

FIELD REPORT

Page 1 of 1

SIGNED _____

APPENDIX E

AERIAL PHOTOGRAPHS

Science & Engineering Consultants

HISTORICAL AERIALS

Project Property: Gallam Place Parcel
540 Brantley Street
Newberry SC 29108

Project No: 00.5633.16

Requested By: SynTerra Corporation

Order No: 23101000943

Date Completed: October 11,2023

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Date	Source	Scale	Comments
2021	United States Department of Agriculture	1" = 500'	
2020	MAXAR TECHNOLOGIES	1" = 500'	
2019	United States Department of Agriculture	1" = 500'	
2017	United States Department of Agriculture	1" = 500'	
2015	United States Department of Agriculture	1" = 500'	
2013	United States Department of Agriculture	1" = 500'	
2011	United States Department of Agriculture	1" = 500'	
2006	United States Department of Agriculture	1" = 500'	
2005	United States Department of Agriculture	1" = 500'	
2000	United States Geological Survey	1" = 500'	
1994	United States Geological Survey	1" = 500'	
1984	United States Geological Survey	1" = 500'	
1981	United States Department of Agriculture	1" = 500'	
1970	Agricultural Stabilization & Conserv. Service	1" = 500'	
1961	United States Air Force	1" = 500'	
1951	Army Mapping Service	1" = 500'	
1941	Agricultural Stabilization & Conserv. Service	1" = 500'	

Year: 2021
Source: USDA
Scale: 1" = 500'
Comment:

Address: 540 Brantley Street, Newberry, SC
Approx Center: -81.62156746,34.26604457

Order No: 23101000943

Year: 2020
Source: MAXAR
Scale: 1" = 500'
Comment:

Address: 540 Brantley Street, Newberry, SC
Approx Center: -81.62156746,34.26604457

Order No: 23101000943

Year: 2019
Source: USDA
Scale: 1" = 500'
Comment:

Address: 540 Brantley Street, Newberry, SC
Approx Center: -81.62156746,34.26604457

Order No: 23101000943

Year: 2017
Source: USDA
Scale: 1" = 500'
Comment:

Address: 540 Brantley Street, Newberry, SC
Approx Center: -81.62156746,34.26604457

Order No: 23101000943

Year: 2015
Source: USDA
Scale: 1" = 500'
Comment:

Address: 540 Brantley Street, Newberry, SC
Approx Center: -81.62156746,34.26604457

Order No: 23101000943

Year: 2013
Source: USDA
Scale: 1" = 500'
Comment:

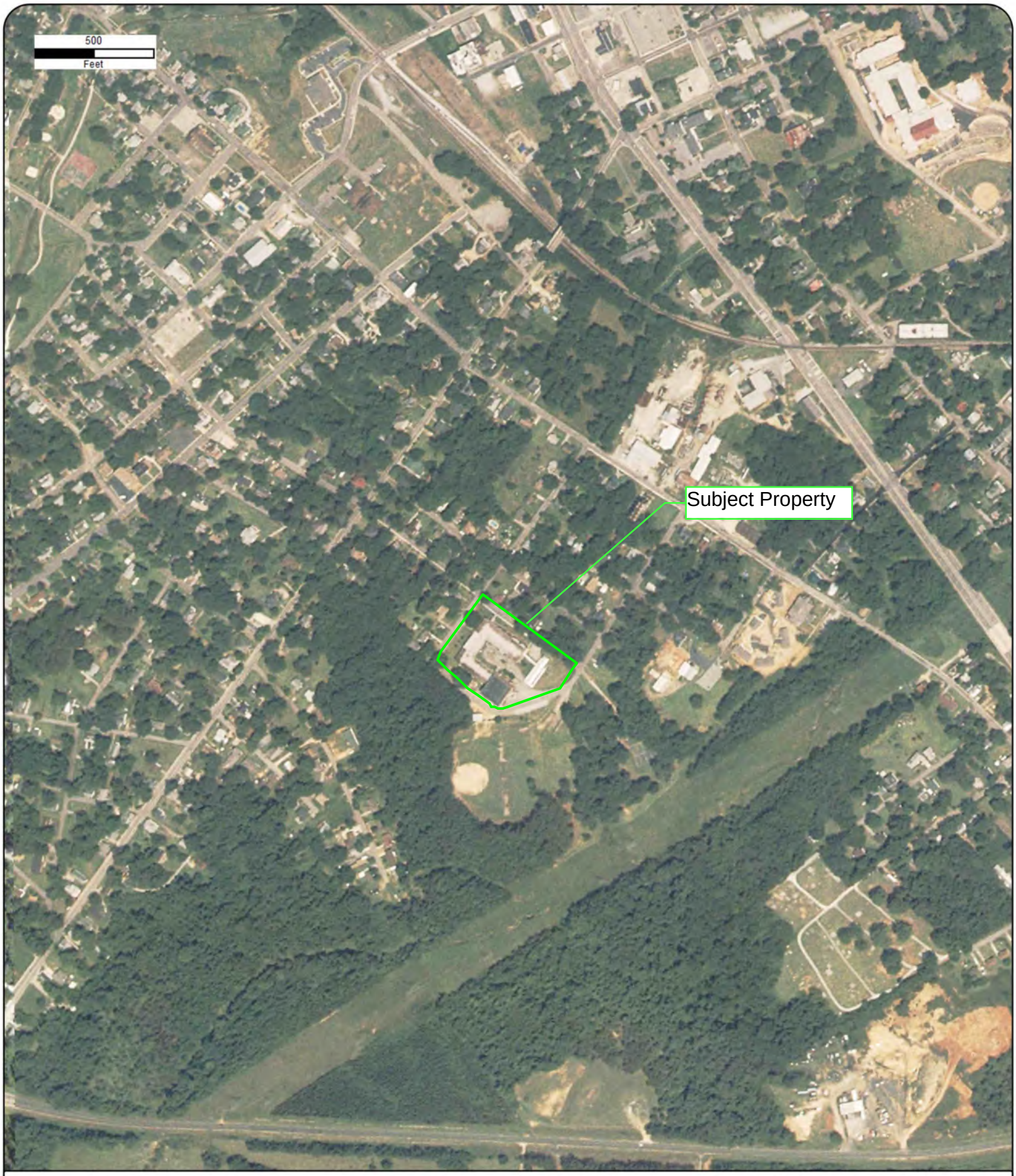
Address: 540 Brantley Street, Newberry, SC
Approx Center: -81.62156746,34.26604457

Order No: 23101000943

Year: 2011
Source: USDA
Scale: 1" = 500'
Comment:

Address: 540 Brantley Street, Newberry, SC
Approx Center: -81.62156746,34.26604457

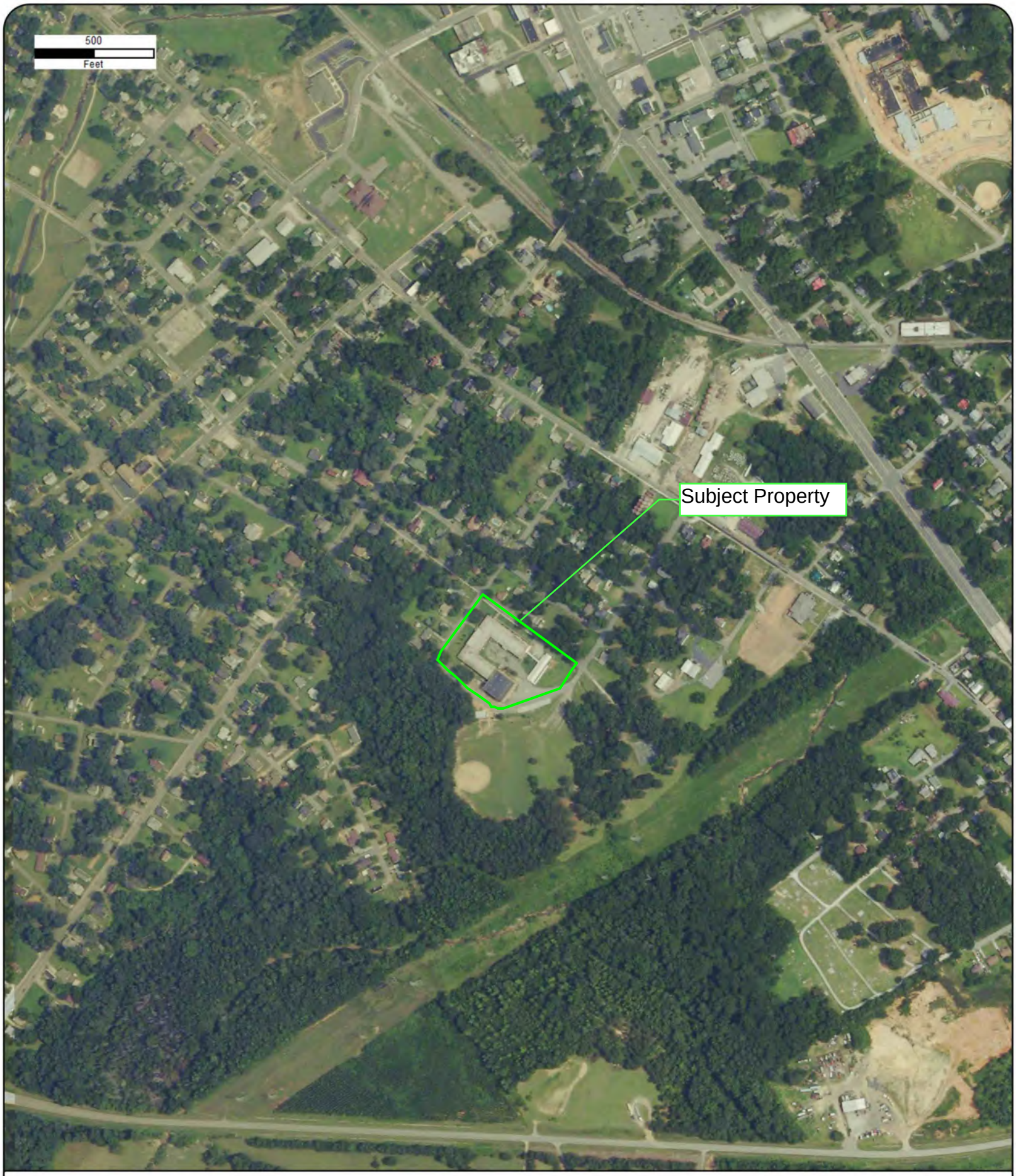
Order No: 23101000943



Year: 2006
Source: USDA
Scale: 1" = 500'
Comment:

Address: 540 Brantley Street, Newberry, SC
Approx Center: -81.62156746,34.26604457

Order No: 23101000943



Year: 2005
Source: USDA
Scale: 1" = 500'
Comment:

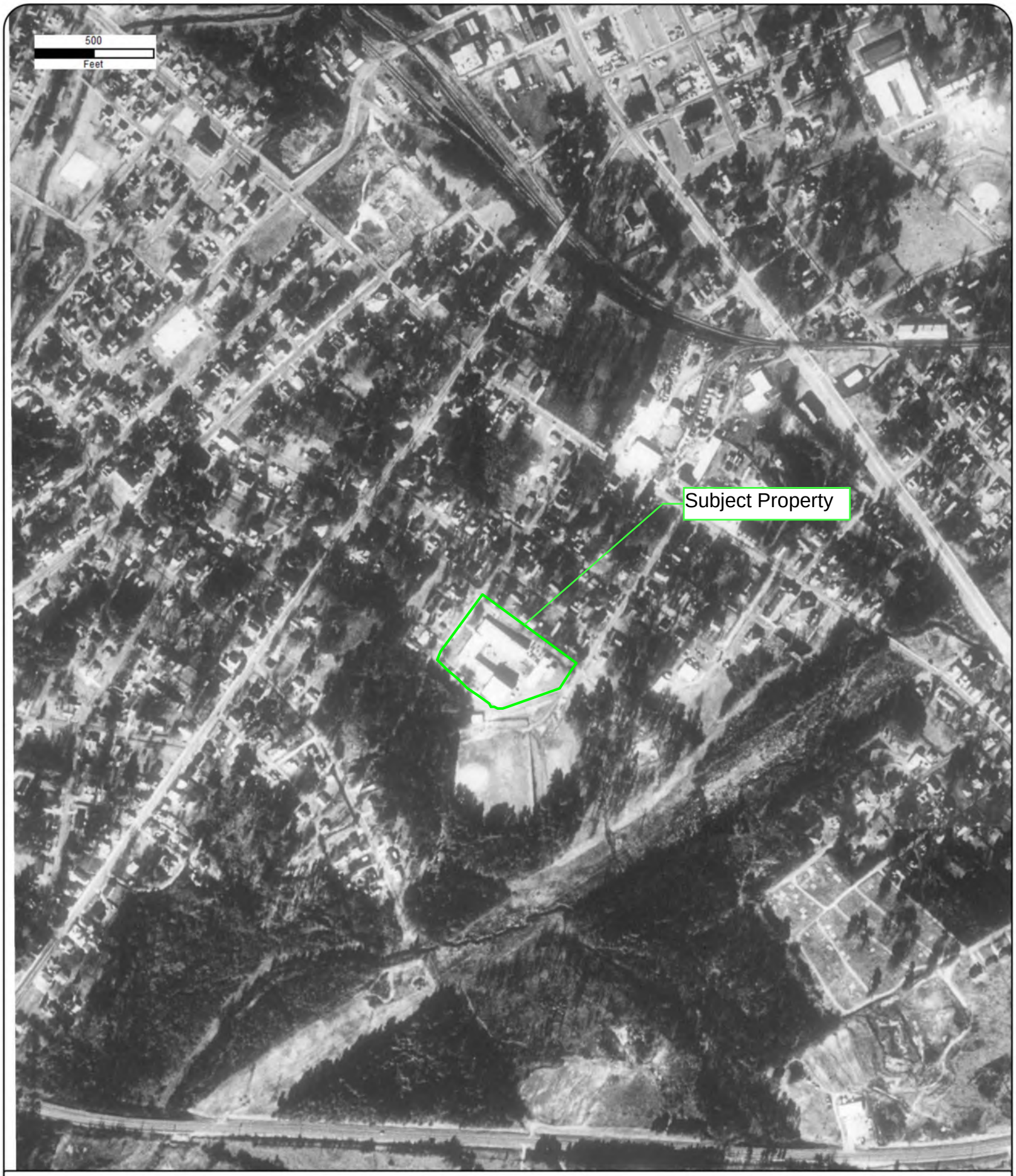
Address: 540 Brantley Street, Newberry, SC
Approx Center: -81.62156746,34.26604457

Order No: 23101000943

Year: 2000
Source: USGS
Scale: 1" = 500'
Comment:

Address: 540 Brantley Street, Newberry, SC
Approx Center: -81.62156746,34.26604457

Order No: 23101000943



Year: 1994
Source: USGS
Scale: 1" = 500'
Comment:

Address: 540 Brantley Street, Newberry, SC
Approx Center: -81.62156746,34.26604457

Order No: 23101000943

Year: 1984
Source: USGS
Scale: 1" = 500'
Comment:

Address: 540 Brantley Street, Newberry, SC
Approx Center: -81.62156746,34.26604457

Order No: 23101000943

Year: 1981
Source: USDA
Scale: 1" = 500'
Comment:

Address: 540 Brantley Street, Newberry, SC
Approx Center: -81.62156746,34.26604457

Order No: 23101000943

Year: 1970
Source: ASCS
Scale: 1" = 500'
Comment:

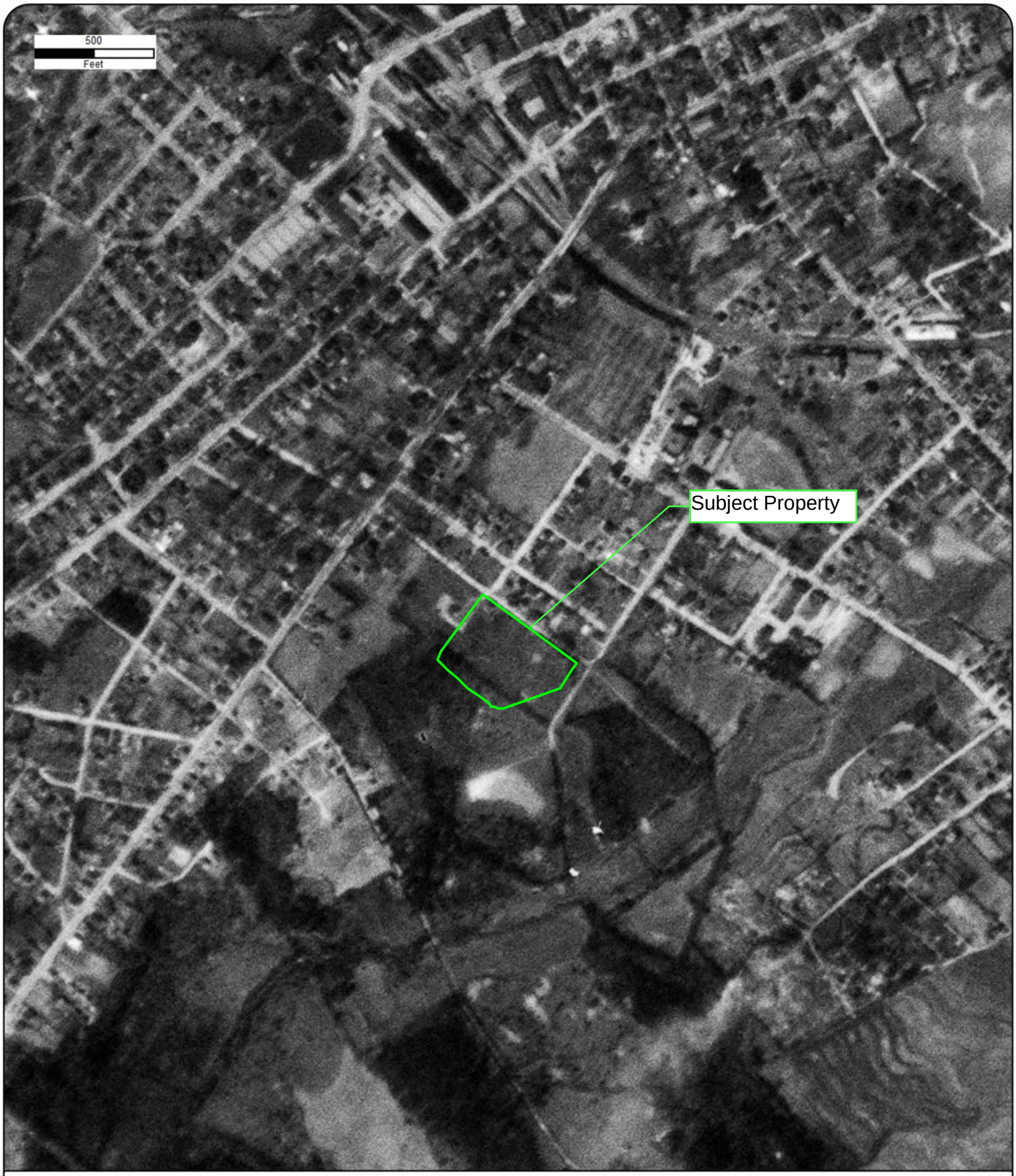
Address: 540 Brantley Street, Newberry, SC
Approx Center: -81.62156746,34.26604457

Order No: 23101000943

Year: 1961
Source: USAF
Scale: 1" = 500'
Comment:

Address: 540 Brantley Street, Newberry, SC
Approx Center: -81.62156746,34.26604457

Order No: 23101000943



Year: 1951
Source: AMS
Scale: 1" = 500'
Comment:

Address: 540 Brantley Street, Newberry, SC
Approx Center: -81.62156746,34.26604457

Order No: 23101000943

Year: 1941
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 540 Brantley Street, Newberry, SC
Approx Center: -81.62156746,34.26604457

Order No: 23101000943

APPENDIX F

TOPOGRAPHIC MAPS

Science & Engineering Consultants

TOPOGRAPHIC MAPS

Project Property:	Gallam Place Parcel 540 Brantley Street Newberry SC 29108
Project No:	00.5633.16
Requested By:	SynTerra Corporation
Order No:	23101000943
Date Completed:	October 11, 2023

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

We have searched USGS collections of current topographic maps and historical topographic maps for the project property. Below is a list of maps found for the project property and adjacent area. Maps are from 7.5 and 15 minute topographic map series, if available.

Year	Map Series
2020	7.5
2017	7.5
2014	7.5
1968	7.5

Topographic Map Symbology for the maps may be available in the following documents:

Pre-1947

Page 223 of 1918 Topographic Instructions

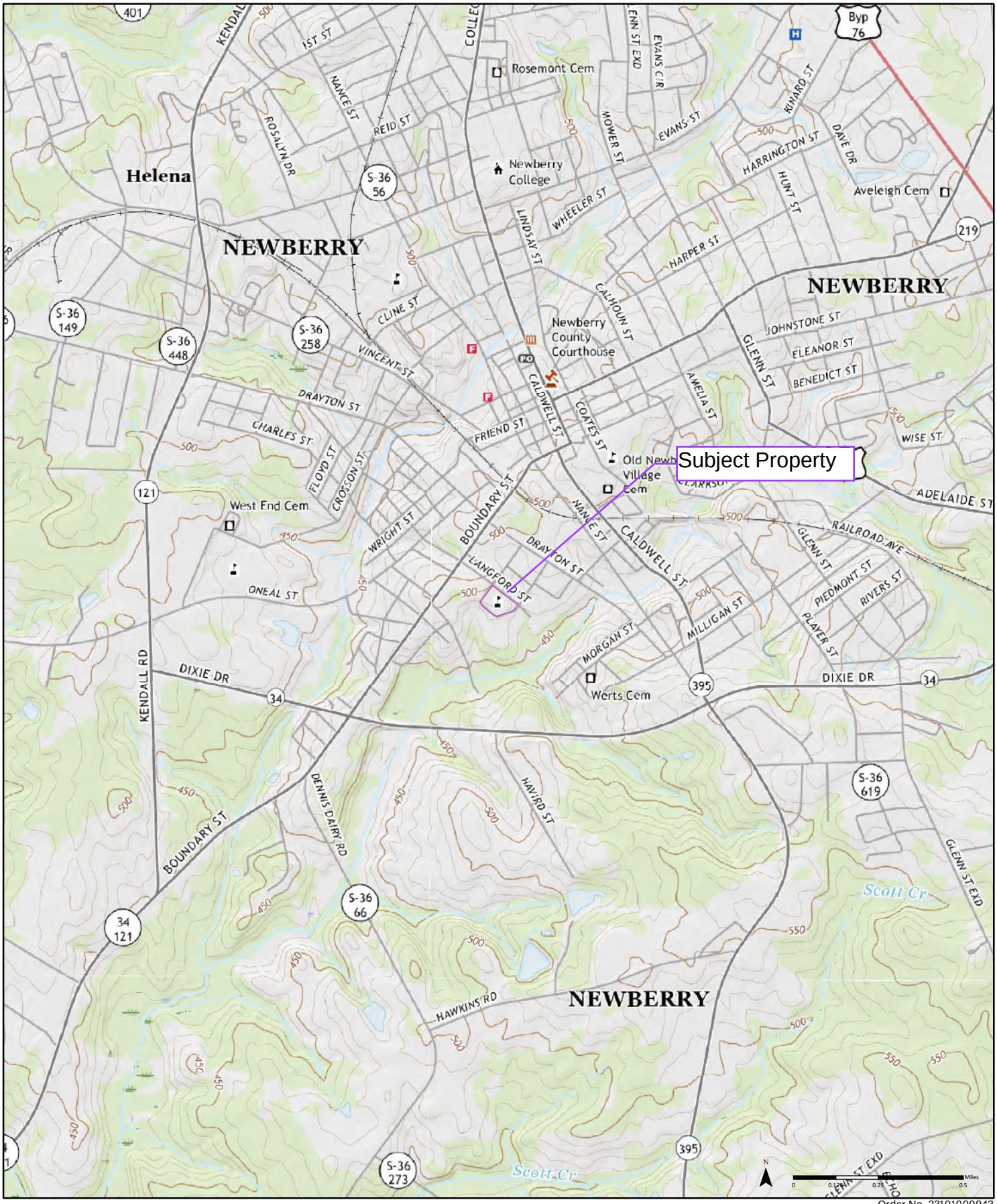
Page 130 of 1928 Topographic Instructions

1947-2009

Topographic Map Symbols

2009-present

US Topo Map Symbols

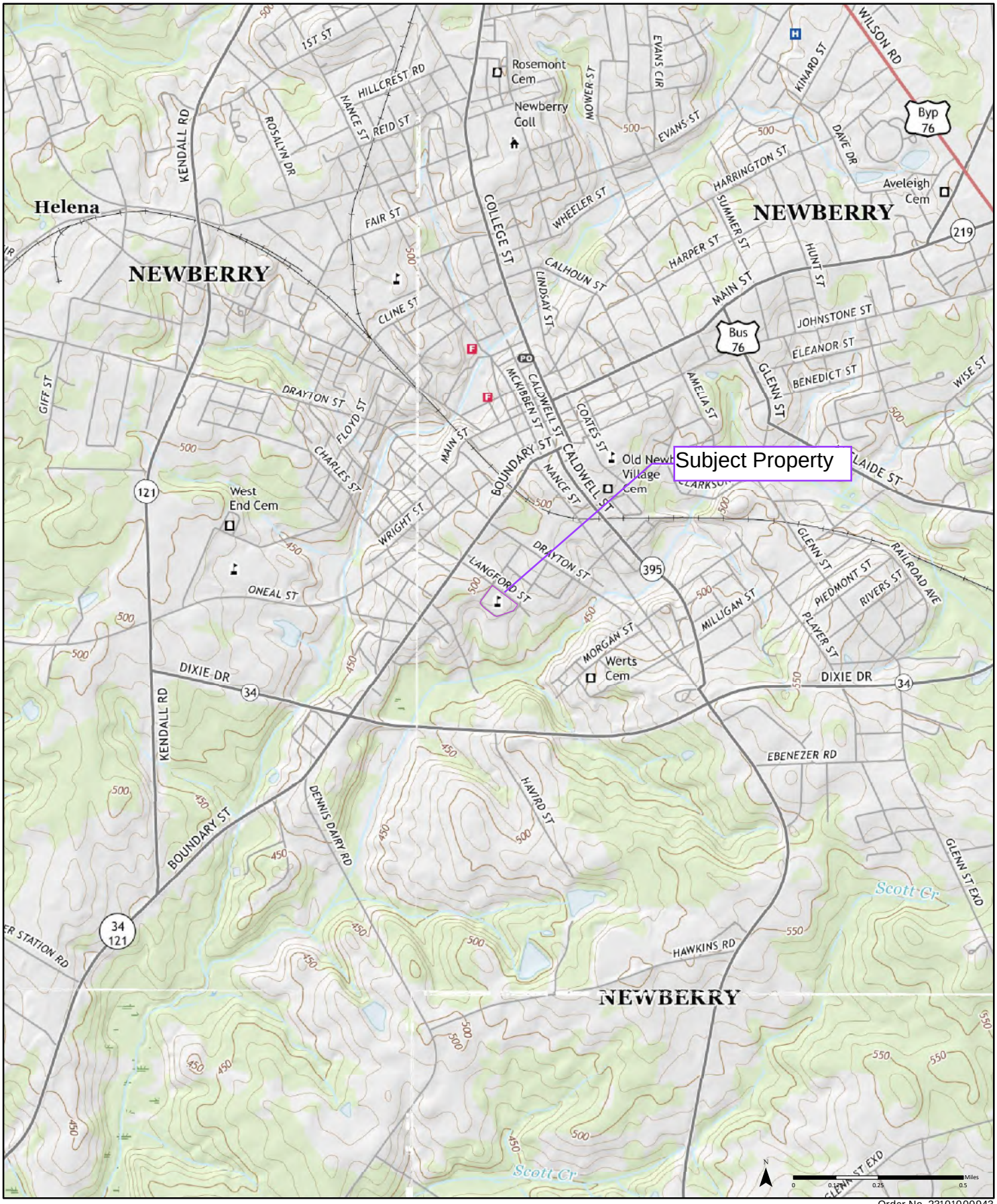


2020

Order No. 23101000943

Available Quadrangle(s): Newberry East, SC
Silverstreet, SC
Newberry West, SC
Prosperity, SC

Source: USGS 7.5 Minute Topographic Map

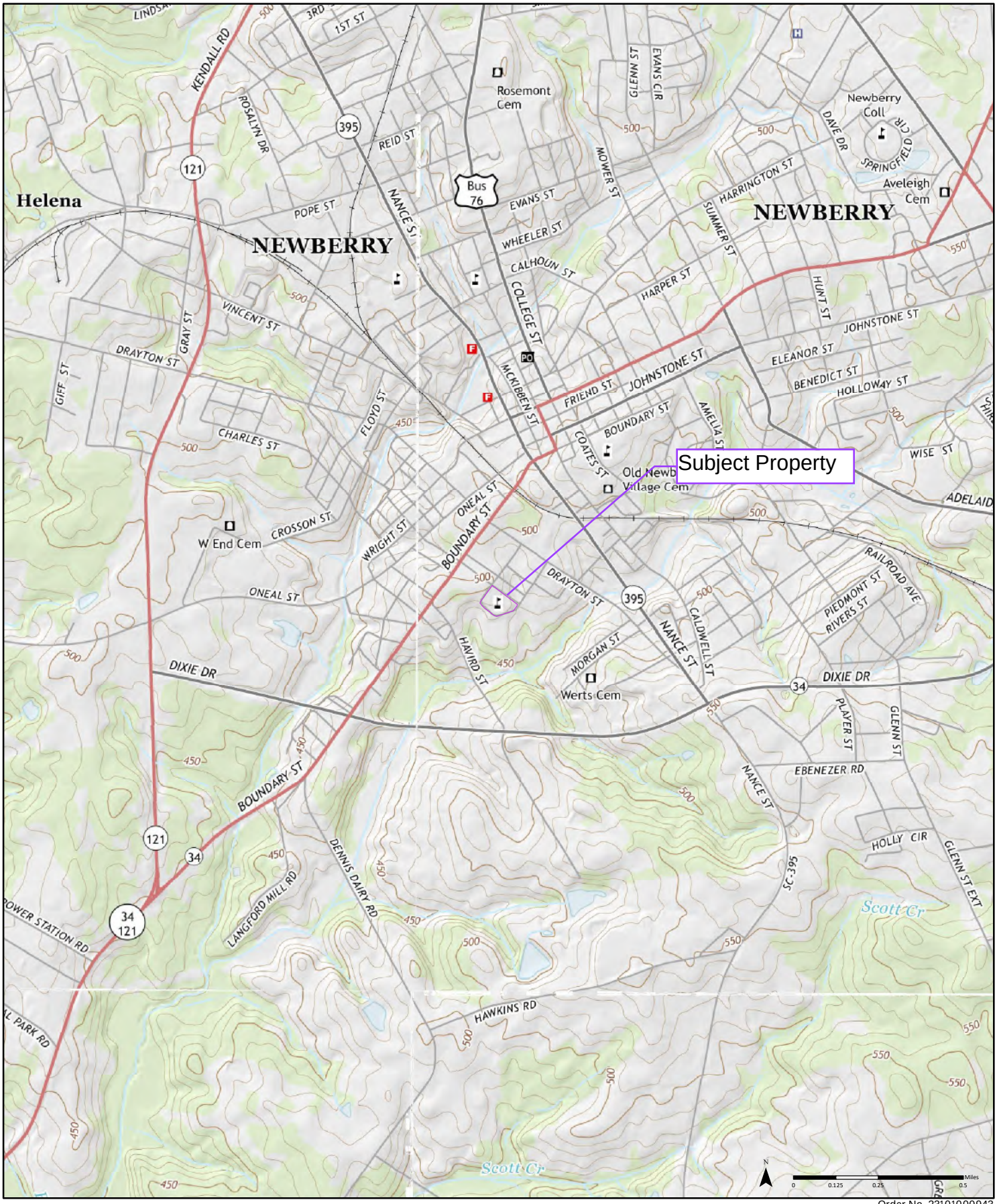


2017

Order No. 23101000943

Available Quadrangle(s): Newberry East, SC
Prosperity, SC
Newberry West, SC
Silverstreet, SC

Source: USGS 7.5 Minute Topographic Map

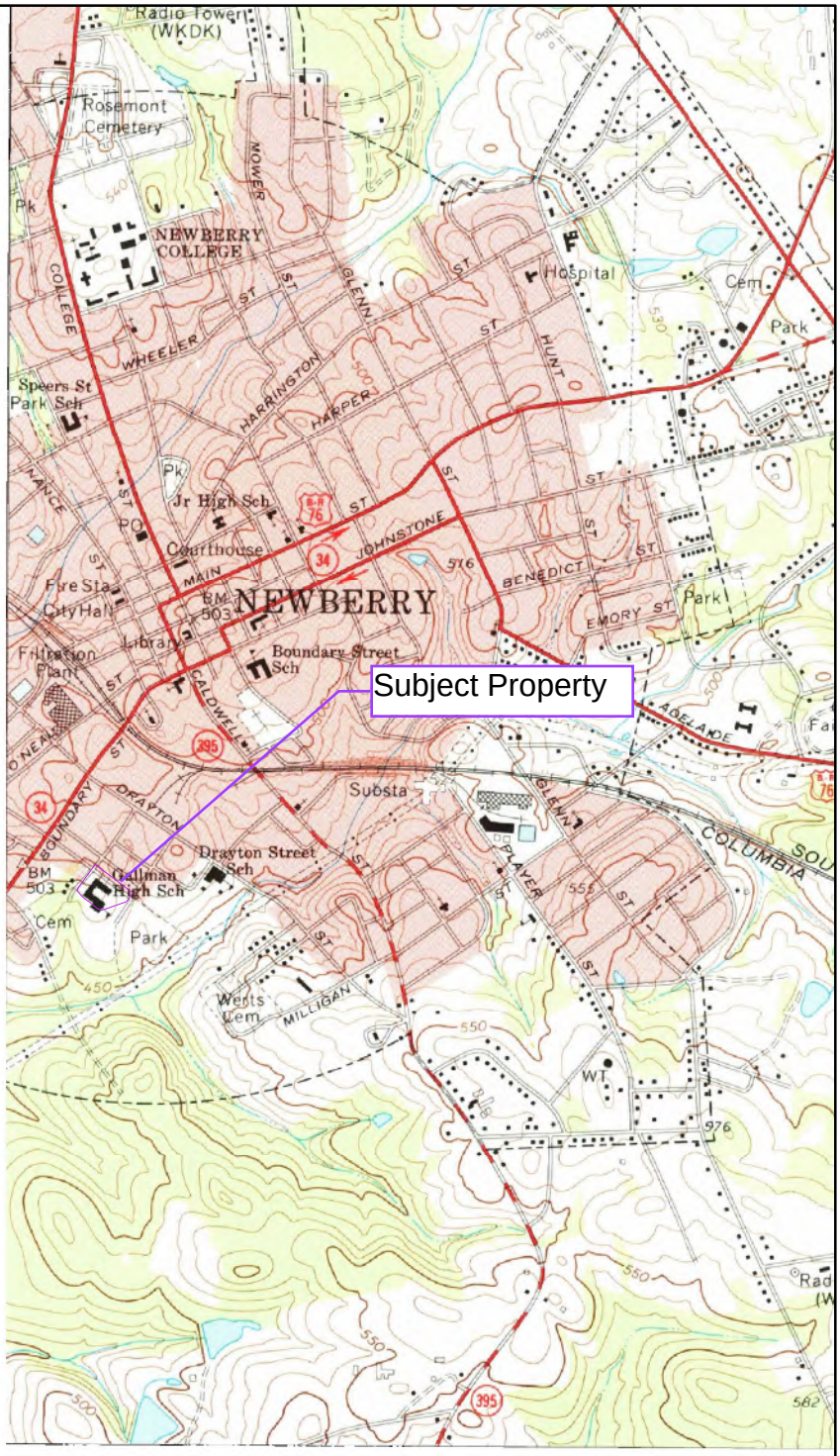


2014

Order No. 23101000943

Available Quadrangle(s): Newberry East, SC
Silverstreet, SC
Newberry West, SC
Prosperity, SC

Source: USGS 7.5 Minute Topographic Map



N

0 0.125 0.25 0.5 Miles

1968 (1-1968)

Aerial Photo Year: 1966

Order No. 23101000943

Available Quadrangle(s): Newberry East, SC(1-1968)

Source: USGS 7.5 Minute Topographic Map

APPENDIX G

CITY DIRECTORIES

Science & Engineering Consultants

CITY DIRECTORY

Project Property:	*Gallam Place Parcel* *540 Brantley Street* *Newberry,SC 29108*
Project No:	*00.5633.16*
Requested By:	*SynTerra Corporation*
Order No:	*23101000943*
Date Completed:	*October 13, 2023*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

October 13, 2023
RE: CITY DIRECTORY RESEARCH
540 Brantley Street
Newberry,SC 29108

Thank you for contacting ERIS for an City Directory Search for the site described above. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. We have provided the nearest addresses(s) when adjacent addresses are not listed. If we have searched a range of addresses, all addresses in that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on more highly developed areas. Newly developed areas may be covered in the more recent years, but the older directories will tend to cover only the "central" parts of the city. To complete the search, we have either utilized the ACPL, Library of Congress, State Archives, and/or a regional library or history center as well as multiple digitized directories. These do not claim to be a complete collection of all reverse listing city directories produced.

ERIS has made every effort to provide accurate and complete information but shall not be held liable for missing, incomplete or inaccurate information. To complete this search we used the general range(s) below to search for relevant findings. If you believe there are additional addresses or streets that require searching please contact us at 866-517-5204.

Search Criteria:
ALL of Brantley St
ALL of Langford St
Search Notes:

Search Results Summary

Date	Source	Comment
2022	DIGITAL BUSINESS DIRECTORY	
2020	DIGITAL BUSINESS DIRECTORY	
2016	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
2011	DIGITAL BUSINESS DIRECTORY	
2007	DIGITAL BUSINESS DIRECTORY	
2003	DIGITAL BUSINESS DIRECTORY	
2000	DIGITAL BUSINESS DIRECTORY	
1995-96	POLKS	
1991	POLKS	
1987	POLKS	
1984	POLKS	
1981	HILLS	
1977	HILLS	
1973	HILLS	
1969	HILLS	
1921-22	MILLERS	

2022 BRANTLEY ST

SOURCE: DIGITAL BUSINESS DIRECTORY

521 **RUTH WILLIAMS**...*RESIDENTIAL*
525 **FRANCES WRIGHT**...*RESIDENTIAL*
533 **VERA MAE GAULDEN**...*RESIDENTIAL*
540 **LEARNING CENTER NEWBERRY CNTY**...*EDUCATION CENTERS*
711 **KEOSHA STEPHENS**...*RESIDENTIAL*
722 **ZEBBIE DEE GOUDELOCK**...*RESIDENTIAL*
723 **LA-KISHA NANCE**...*RESIDENTIAL*
723 **SUNSHINE CONTOURING SPA LLC**...*HEALTH SPAS*

2022 LANGFORD ST

SOURCE: DIGITAL BUSINESS DIRECTORY

706 **THEREASA MAYBANK**...*RESIDENTIAL*
728 **KAYLA WALLACE**...*RESIDENTIAL*
808 **MATTIE LOIS WERTS**...*RESIDENTIAL*
813 **THOMAS SIMS**...*RESIDENTIAL*
817 **B HILL**...*RESIDENTIAL*
827 **ANDREW SKAGGS**...*RESIDENTIAL*
827 **CHARLES BYRD**...*RESIDENTIAL*
1206 **NAQUANTIA PITTS**...*RESIDENTIAL*
1214 **ROBERT WILLIAMS**...*RESIDENTIAL*

2020 BRANTLEY ST

SOURCE: DIGITAL BUSINESS DIRECTORY

521 **RUTH WILLIAMS**...*RESIDENTIAL*
525 **FRANCES WRIGHT**...*RESIDENTIAL*
533 **VERA MAE GAULDEN**...*RESIDENTIAL*
540 **LEARNING CENTER NEWBERRY CNTY**...*EDUCATION CENTERS*
711 **KEOSHA STEPHENS**...*RESIDENTIAL*
718 **ALICIA HUNTER**...*RESIDENTIAL*
722 **ALVENA GOUDELOCK**...*RESIDENTIAL*
723 **LA-KISHA NANCE**...*RESIDENTIAL*

2020 LANGFORD ST

SOURCE: DIGITAL BUSINESS DIRECTORY

706 **THEREASA MAYBANK**...*RESIDENTIAL*
728 **KAYLA WALLACE**...*RESIDENTIAL*
808 **MATTIE LOIS WERTS**...*RESIDENTIAL*
813 **KAMEELAH SIMS**...*RESIDENTIAL*
817 **B HILL**...*RESIDENTIAL*
827 **ANDREW SKAGGS**...*RESIDENTIAL*
827 **CHARLES BYRD**...*RESIDENTIAL*
927 **MARIAN WALKER**...*RESIDENTIAL*
1206 **NAQUANTIA PITTS**...*RESIDENTIAL*
1214 **ROBERT WILLIAMS**...*RESIDENTIAL*

2016 BRANTLEY ST

SOURCE: DIGITAL BUSINESS DIRECTORY

521 **RUTH WILLIAMS**...*RESIDENTIAL*
533 **VERA MAE GAULDEN**...*RESIDENTIAL*
540 **LEARNING CENTER NEWBERRY CNTY**...*EDUCATION CENTERS*
711 **BERNICE STEVENS**...*RESIDENTIAL*
722 **ALVENA GOUDELOCK**...*RESIDENTIAL*
722 **ZEBBIE DEE GOUDELOCK**...*RESIDENTIAL*
723 **LA-KISHA NANCE**...*RESIDENTIAL*

2016 LANGFORD ST

SOURCE: DIGITAL BUSINESS DIRECTORY

706 **THEREASA MAYBANK**...*RESIDENTIAL*
728 **KAYLA WALLACE**...*RESIDENTIAL*
813 **KAMEELAH SIMS**...*RESIDENTIAL*
813 **LAQUESI SIMS**...*RESIDENTIAL*
813 **THOMAS SIMS**...*RESIDENTIAL*
813 **UZELL SIMS**...*RESIDENTIAL*
817 **B HILL**...*RESIDENTIAL*
827 **ANDREW SKAGGS**...*RESIDENTIAL*
927 **MARIAN WALKER**...*RESIDENTIAL*
1214 **ROBERT WILLIAMS**...*RESIDENTIAL*

2012 BRANTLEY ST

SOURCE: DIGITAL BUSINESS DIRECTORY

521 **MARY WILLIAMS**...*RESIDENTIAL*
525 **ADELE WRIGHT**...*RESIDENTIAL*
525 **CLARICE WRIGHT**...*RESIDENTIAL*
525 **FRANCES WRIGHT**...*RESIDENTIAL*
525 **JYVONNE WRIGHT**...*RESIDENTIAL*
533 **VERA GAULDEN**...*RESIDENTIAL*
704 **ROBERT THOMPSON**...*RESIDENTIAL*
712 **JACKIE MILLER**...*RESIDENTIAL*
718 **VIRGINIA TOLAND**...*RESIDENTIAL*
719 **TRISTA DAVIS**...*RESIDENTIAL*
719 **VIDA LONG**...*RESIDENTIAL*
722 **ALVENA GOUDELOCK**...*RESIDENTIAL*
723 **LAKISHA NANCE**...*RESIDENTIAL*

2012 LANGFORD ST

SOURCE: DIGITAL BUSINESS DIRECTORY

706 **HELEN MAYBANK**...*RESIDENTIAL*
808 **LOIS WERTS**...*RESIDENTIAL*
808 **MATTIE WERTS**...*RESIDENTIAL*
814 **ROBIN HARRIS**...*RESIDENTIAL*
817 **BETTY DEWALT**...*RESIDENTIAL*
817 **BRANDY DEWALT**...*RESIDENTIAL*
817 **SUELINA DEWALT**...*RESIDENTIAL*
820 **FREDDIE COOK**...*RESIDENTIAL*
820 **MARIAN COOK**...*RESIDENTIAL*
921 **JOHN COLTRANE**...*RESIDENTIAL*
927 **ALTERMECE WALKER**...*RESIDENTIAL*
927 **MARIAN WALKER**...*RESIDENTIAL*
933 **JOHN COLTRANE**...*RESIDENTIAL*
1206 **NAQUANTIA PITTS**...*RESIDENTIAL*
1210 **JOHN EPTING**...*RESIDENTIAL*
1213 **DOUG STILTNER**...*RESIDENTIAL*
1218 **WILLIAM MAYS**...*RESIDENTIAL*

2011 BRANTLEY ST

SOURCE: DIGITAL BUSINESS DIRECTORY

540 **LEARNING CENTER NEWBERRY CNTY...** *EDUCATIONAL SUPPORT SVCS*

2011 LANGFORD ST

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2007 BRANTLEY ST

SOURCE: DIGITAL BUSINESS DIRECTORY

521 **LILLIAN STUCKMAN**...*RESIDENTIAL*
525 **EUGENE S SCHUMPERT**...*RESIDENTIAL*
533 **VERA GAULDEN**...*RESIDENTIAL*
540 **LEARNING CENTER NEWBERRY CNTY**...*EDUCATION CENTERS*
704 **JOE & SARAH TAYLOR**...*RESIDENTIAL*
711 **LAURA WEEMS**...*RESIDENTIAL*
715 **KELVIN COOPER**...*RESIDENTIAL*
716 **YOUNGBLOOD B HILL**...*RESIDENTIAL*
722 **Z D GOUDELOCK**...*RESIDENTIAL*

2007 LANGFORD ST

SOURCE: DIGITAL BUSINESS DIRECTORY

720 **WILLIE TUCKER**...*RESIDENTIAL*
745 **ROBERT M LONG**...*RESIDENTIAL*
803 **VIRGINIA LINDSEY**...*RESIDENTIAL*
808 **LOIS WERTS**...*RESIDENTIAL*
814 **BEVERLY B CHAPMAN**...*RESIDENTIAL*
918 **LLOYD COLTRANE**...*RESIDENTIAL*
921 **JOHN COLTRANE**...*RESIDENTIAL*
924 **RICHARD H COOK**...*RESIDENTIAL*
1183 **T D GREENE**...*RESIDENTIAL*
1209 **PAUL A ROGERS**...*RESIDENTIAL*
1210 **PAULINE MISS MCMEEKIN**...*RESIDENTIAL*
1213 **LILLIAN MRS ROWE**...*RESIDENTIAL*
1218 **STEVEN E HAMILTON**...*RESIDENTIAL*

2003 BRANTLEY ST

SOURCE: DIGITAL BUSINESS DIRECTORY

521 **LILLIAN STUCKMAN**...*RESIDENTIAL*
525 **EUGENE S SCHUMPERT**...*RESIDENTIAL*
533 **VERA GAULDEN**...*RESIDENTIAL*
540 **GALLMAN ELEMENTARY SCHOOL**...*PUBLIC ELEMENTARY AND SECONDARY SCHOOLS*
711 **LAURA WEEMS**...*RESIDENTIAL*
715 **KELVIN COOPER**...*RESIDENTIAL*
716 **YOUNGBLOOD B HILL**...*RESIDENTIAL*
722 **Z D GOUDELOCK**...*RESIDENTIAL*

2003 LANGFORD ST

SOURCE: DIGITAL BUSINESS DIRECTORY

720 **WILLIE TUCKER**...*RESIDENTIAL*
803 **V LINDSEY**...*RESIDENTIAL*
808 **LOIS WERTS**...*RESIDENTIAL*
813 **KENNETH Y HAMM**...*RESIDENTIAL*
814 **BEVERLY B CHAPMAN**...*RESIDENTIAL*
829 **GRADY SUBER**...*RESIDENTIAL*
921 **JOHN COLTRANE**...*RESIDENTIAL*
924 **RICHARD H COOK**...*RESIDENTIAL*
1206 **MAURICE E VACHON**...*RESIDENTIAL*
1209 **PAUL A ROGERS**...*RESIDENTIAL*
1210 **PAULINE MCMEEKIN**...*RESIDENTIAL*
1213 **LILLIAN ROWE**...*RESIDENTIAL*
1214 **JOHN JORDAN**...*RESIDENTIAL*
1218 **STEVEN E HAMILTON**...*RESIDENTIAL*

2000 BRANTLEY ST

SOURCE: DIGITAL BUSINESS DIRECTORY

521 **LILLIAN STUCKMAN**...*RESIDENTIAL*
525 **EUGENE S SCHUMPERT**...*RESIDENTIAL*
533 **VERA GAULDEN**...*RESIDENTIAL*
540 **GALLMAN ELEMENTARY SCHOOL**...*PUBLIC ELEMENTARY AND SECONDARY SCHOOLS*
711 **LAURA WEEMS**...*RESIDENTIAL*
715 **KELVIN COOPER**...*RESIDENTIAL*
716 **YOUNGBLOOD B HILL**...*RESIDENTIAL*
722 **Z D GOUDELOCK**...*RESIDENTIAL*

2000 LANGFORD ST

SOURCE: DIGITAL BUSINESS DIRECTORY

720 **WILLIE TUCKER**...*RESIDENTIAL*
803 **V LINDSEY**...*RESIDENTIAL*
808 **LOIS WERTS**...*RESIDENTIAL*
813 **KENNETH Y HAMM**...*RESIDENTIAL*
814 **BEVERLY B CHAPMAN**...*RESIDENTIAL*
829 **GRADY SUBER**...*RESIDENTIAL*
921 **JOHN COLTRANE**...*RESIDENTIAL*
924 **RICHARD H COOK**...*RESIDENTIAL*
1206 **MAURICE E VACHON**...*RESIDENTIAL*
1209 **PAUL A ROGERS**...*RESIDENTIAL*
1210 **PAULINE MCMEEKIN**...*RESIDENTIAL*
1213 **LILLIAN ROWE**...*RESIDENTIAL*
1214 **JOHN JORDAN**...*RESIDENTIAL*
1218 **STEVEN E HAMILTON**...*RESIDENTIAL*

1995-96 BRANTLEY ST-A
SOURCE: POLKS

BRANTLEY ST -FROM 726 DRAYTON ST WEST, 1 SOUTH OF BOUNDARY ST

8

· ZIP CODE 29108

+ *DRAYTON INTERSECTS*

521 Stuckman Robert L [3] ♠

525 Schumpert Janie M [3] ♠ 276-2582

527 Vacant

533 Gaulden Vera [6] ♠ 276-0638

+ *SOUTH ST INTERSECTS*

540 GALLMAN ELEMENTARY SCHOOL 321-2655

+ *LANGFORD ST INTERSECTS*

+ *JAMES ST INTERSECTS*

702 (N) Burnside Jacquline D

704 Taylor Willie J ♠ 321-6160

Turner Sandra L 321-6160

708 Not Verified

+ *SOUTH ST INTERSECTS*

711 Weems Laura B [6] ♠ 276-7518

712-714 Vacant (2 Hses)

715 Cooper Jonel W [6] ♠ 276-0302

Werts Bernard 276-0302

716 Metts W D & Virginia [6] ♠ 276-3678

Metts Terry T 276-3678

718 (N) Smith Kenneth E

1995-96 BRANTLEY ST-B
SOURCE: POLKS

BRANTLEY ST *cont'd*

Davis Vicki

719 (N) Billy Marjorie ♠ 276-9247

720 Vacant

722 Goudelock Zebbie D & Alvena ♠ 276-8777

723 Not Verified

BUSINESSES 1 HOUSEHOLDS 13

1995-96 LANGFORD ST
SOURCE: POLKS

LANGFORD ST -FROM 711 MC SWAIN ST NORTH, 1 WEST OF JAMES ST

8

. ZIP CODE 29108
706-720 Not Verified (2 Hses)
727 GALLMAN MIDDLE SCHOOL (SIDE ENT)
728 Not Verified
+ ***BRANTLEY ST INTERSECTS***
803 Chaplin Lawrence C & Lelia [3] 276-6582
808 Werts Mattie Lois [3] ♠ ... 276-3317
813 Vacant
814 Chapman Melvin & Beverly [6] 276-4183
817 Vacant
820 Cook Freddie M & Marion ♠ 321-0829
821 Vacant
+ ***BOUNDARY ST INTERSECTS***
916 Vacant
918 Coltrane L [2]
921 Coltrane John W [3] ♠ 276-7955
924 Cook Ida M [3] ♠ 276-5401
927 Tobias Marion M [6] ♠ 276-0264
930 Not Verified
933 (N) Jones James K

10

+ ***O'NEAL ST INTERSECTS***
+ ***WRIGHT ST INTERSECTS***
+ ***MAIN ST INTERSECTS***
1205 Peeples Diane [2] ♠
1206 Vachon Sarah J [2] ♠
1209 Rogers Paul A Jr [3] ♠ . 276-6785
Rogers Paul A..... 276-6785
1210 Mc Meekin Pauline [2] ♠ 276-1806
1213 Rowe Everett & Lillian [2] ♠ 276-4457
1214 (N) Burgos Arturo 276-6453
1218 Hamilton Steven E [2] 276-6174
Hamiltin Laura A 276-6174
+ ***CROMER ST INTERSECTS***
BUSINESSES 1 HOUSEHOLDS 20

1991 BRANTLEY ST-A
SOURCE: POLKS

8

BRANTLEY ST -FROM 726 DRAYTON ST WEST 1 SOUTH OF BOUNDARY ST

ZIP CODE 29108
521 No Return
525 Schumpert Janie M Mrs ◎ 276-2582

BRANTLEY ST–Contd

527 Vacant
533 Gaulden Vera ◎ 276-0638
SOUTH ST BEGINS
540 Gallman Elementary School 321-2655
LANGFORD ST INTERSECTS
JAMES ST INTERSECTS
702 No Return
704 Taylor Wm ◎ 276-3551
708 No Return
SOUTH ST BEGINS
711 Weems Laura ◎ 276-6294
712 Miller Arthur ◎
715 Cooper Kelvin ◎ 276-9459
716 Metts W D ◎ 276-3340
718 Rutherford A C ◎
719 Baker Marjorie
720 Vacant
722 Goudelock Zebbie ◎ 276-3987
723 No Return

KINARD ST–Contd

DAVE DR INTERSECTS
2516 Long Roy ◎ 276-5487
2525 Long & Dickert phys 276-4860
Long Elmer G phys 276-4860
Dickert Elbert J 276-4647
2544 Livingston Calvin F ◎ 276-7167
2555 Newberry Convalescent Center 276-6060
2568 Miracle Ear Center 276-2914
2632 Smith Belton C ◎ 276-0382
2660 Collins Arth R pediatrician 276-5299
2669 Newberry County Memorial Hospital 276-7570
2704 Monts Helen S Mrs ◎ 276-1275

17

KING DR –FROM DEVINE ST SOUTH 1 WEST OF BUSH RIVER RD

ZIP CODE 29108
3022★Dominick Lewis ◎
4023★Lukie J B ◎ 276-0528
3028★De Walt
4010★Caldwell Ruby 276-8998
4030★Epps Geo Jr ◎ 276-1044
4035★Farrow Mary A
4040★Turner Marcus 276-9365

8

LANGFORD ST –FROM 711 MC SWAIN ST NORTH 1 WEST OF JAMES ST

ZIP CODE 29108
720 Tucker Willie ◎ 276-1226
727 Gallman Middle School (Side Ent)
728 Vacant
BRANTLEY ST INTERSECTS
803 Chapman Lawrence ◎
808 Werts Mattie Lois ◎ 276-3317
813 Hamm Kenneth Y ◎ 276-3354
814 Chapman Beverly
817 Vacant
820 Cook Freddie ◎ 276-7793
821 Vacant
Mitts Stan M
827 No Return

BOUNDARY ST INTERSECTS
916 Vacant
918 Coltrane Lloyd
921 Dominick Greg A ◎ 276-0189
924 Cook Richd H ◎ 276-5401
927 Tobias Marion M Mrs ◎ 276-0264
930 Blackwood Hattie 276-4998
933 Coltrane John ◎ 276-7955

1

O'NEAL ST INTERSECTS
WRIGHT ST INTERSECTS
MAIN ST INTERSECTS
1204 Coleman
1205★Chappell Mary M 276-1283
1206 Vachon Maurice E ◎ 276-6355
1209 Johnson Wenda D ◎ 276-8189
1210 Mc Meekin Pauline ◎ 276-1806
1213 Rowe Everett ◎ 276-4457
1214 Bedenbaugh Ellen B Mrs ◎ 276-3715
1218 Vacant
CROMER ST INTERSECTS

10

LANGFORD ST (PROSPERITY)–FROM 78 MAIN ST EAST 1 NORTH OF GRACE ST

ZIP CODE 29127
209★Brown Shirley
217 Gallman Hanna Jane ◎ 364-2624
221 Hare Beatrice ◎
225★Hare Johnny ◎
229 Wesley Carrie B Mrs ◎ 364-2165
233 Wise Bessie 364-2223
241 Jackson Ulyses ◎
303 Mc Fall Robt ◎ 364-2718
305 Mc Fall Robt M
308 Wise Albert ◎
311 Henry Dan D ◎ 364-2257
316 Wise Lang ◎ 364-2151
340 Wicker Vinnie Mae ◎ 364-2111
402 Wise Wm P ◎ 364-3076
404 Spearman Debra B ◎ 364-9335
406 Wise Matilda

BOYCE ST–Contd
1215 Vacant
1219 Verner James S lwyr 276-0812
COLLEGE ST INTERSECTS

10

BOYD ST –FROM 1412 DRAYTON ST NORTHEAST 1 SOUTHEAST OF WILLIAMS ST

ZIP CODE 29108
810 Suber Levers ◎ 276-4543
812 Goodman Lizzie S Mrs ◎ 276-2235
813 Perry Linda ◎ 276-1476
814 Senn Charles ◎
815★Cook Carrie 276-7981
817 Vacant
821 Butler James 276-1327
823 Baker Lomas E ◎ 276-2260
824 Caldwell Miriam
825 Polite Della
826 Wright Velma ◎ 276-0253
828 Lake Hazel Mrs ◎ 276-5824
831 Sligh Pearl ◎ 276-8064
VINCENT ST INTERSECTS

100

BOYD ST (PROSPERITY) FROM 25 MAIN ST WEST 1 SOUTH OF BROAD ST

ZIP CODE 29127
MC NEARY ST INTERSECTS
106 Prosperity Magistrate 364-3862
109 Prosperity Gin (Ofc)

9

BRANCH ST –FROM PAYSINGER ST SOUTH 1 WEST OF BOUNDARY ST

ZIP CODE 29108

8

BRANTLEY ST –FROM 726 DRAYTON ST WEST 1 SOUTH OF BOUNDARY ST

ZIP CODE 29108
521 Stuckman Robt L ◎ 276-8117
525 Schumpert Janie M Mrs ◎ 276-2582
527 Austin Jas T Rev 276-7157
533 Gaulden E E Rev ◎ 276-0638
SOUTH ST BEGINS
540 Gallman Elementary School 276-2525
LANGFORD ST INTERSECTS
JAMES ST INTERSECTS
702 Sanders Jake
704 Taylor Jo ◎ 276-3929
708 Vacant
SOUTH ST BEGINS
712 Miller Hugh H ◎ 276-3024
718 Rutherford A C 276-6049
720 Vacant
722 Goudelock Zebbie ◎ 276-3987

14

BRIGMAN CT –FROM 2407 WILSON RD EAST

ZIP CODE 29108
1500 Hendrix Dale
1501 Vacant
1502 Summer Lewis
1503 No Return
1505 Nix David ◎
1507 Perry Horace E ◎ 276-2481
1508 Poag Louise Mrs

17

BRITTAIN DR –FROM STATE HWY 121 WEST 1 NORTH OF FAIR AV

ZIP CODE 29108
3000 Swing Transport 276-7944

100

BROAD ST (PROSPERITY) FROM 31 MAIN ST WEST 1 NORTH OF KIBLER ST

ZIP CODE 29127
119 Mayer Arthur Cafe
128 Piggly Wiggly gro 364-2307
C N Railroad
MC NEARY ST INTERSECTS

13

BROOKSIDE DR –FROM 1418 KINARD ST WEST

ZIP CODE 29108
2301 Hunt Edwin ◎ 276-9520
2303 Eurey Bessie H Mrs ◎ 276-3243
2304 Eason Henry L ◎ 276-3717
2307 Hove Caroline J Mrs ◎ 276-2632
2313★Williams Larry ◎ 276-4797
2316★Percell Trent K ◎ 276-1220
2317 Mohler Doris G ◎ 276-9482
2319 Coward Dean A ◎ 276-8365
2320★Bryant Larry F ◎ 276-2203
2322 Attaway Richd M Jr 276-4985
MAGNOLIA TER ENDS

8

LANGFORD ST –FROM 711 MC SWAIN ST NORTH 1 WEST OF JAMES ST

ZIP CODE 29108
720 Tucker Willie ◎ 276-1226
727 Gallman Middle School (Side Ent)
728 Glenn Cora ◎ 276-0649
BRANTLEY ST INTERSECTS
803 Bennett Calmore R ◎ 276-4276
808 Werts Mattie Lois ◎ 276-3317
813 Hamm Harvey Y ◎ 276-3354
814 Vacant
817 Guice Michael ◎ 276-8981
820 Cook Freddie ◎ 276-7793
821 Sherrets Lila 276-7195
827 Fulmer Yavgsun 276-8860

9

BOUNDARY ST INTERSECTS
916 Vacant
918 Coltrane Lloyd
921 Dominick Greg A ◎ 276-0189
924 Cook Richd H ◎ 276-5401
927 Vacant
930★Blackwood Hattie
933 Coltrane John ◎ 276-7955

10

O'NEAL ST INTERSECTS
WRIGHT ST INTERSECTS
MAIN ST INTERSECTS
1204★Merchant Alma
1205★Rivers Marylane ◎
★Chapman Mary
1206 Vachon Maurice E ◎ 276-6355
1209 Johnson Wendy D ◎ 276-8189
1210 Mc Meekin Pauline ◎ 276-1806
1213 Rowe Everett ◎ 276-4457
1214 Bedenbaugh Ellen B Mrs ◎ 276-3715
1218 Vacant
CROMER ST INTERSECTS

8

BRANTLEY ST —FROM 726 DRAYTON ST WEST 1 SOUTH OF BOUNDARY ST

ZIP CODE 29108
521 Wilson Geo A ◎ 276-5971
525 Schumpert Janie M Mrs ◎ 276-2582
527 Austin Jas T Rev 276-7157
533 Gaulden E E Rev ◎ 276-0638
SOUTH ST BEGINS
540 Gallman Elementary School 276-2525
LANGFORD ST INTERSECTS
JAMES ST INTERSECTS
702 Summers James
703★Floyd Olin
704 Taylor Lizzie M Mrs ◎ 276-3929
708★Gibbs Ernest
SOUTH ST BEGINS
712 Miller Ulysses ◎ 276-3024
718 Rutherford A C 276-6049
720 Vacant
722★Goudelock Zebbie ◎ 276-3987

8

LANGFORD ST —FROM 711 MC SWAIN ST NORTH 1 WEST OF JAMES ST

ZIP CODE 29108
720 Tucker Willie ◎ 276-1226
727 Gallman Middle School (Side Ent)
728 Glenn Cora ◎ 276-0649
BRANTLEY ST INTERSECTS
803 Bennett Calmore R ◎ 276-4276
808 Werts Mattie Lois ◎ 276-3317
813 Hamm Harvey Y ◎ 276-3354
814★Worthy Lonnie M
817★Guice Michael 276-8981
820★Cook Freddie 276-7793
821 Sherrets Lila 276-7195
823 Williams Gyanel
827★Du Bois Deborah J 276-3827
BOUNDARY ST INTERSECTS

9

BOUNDARY ST INTERSECTS
916 Vacant
918 Coltrane Lloyd
921 Dominick Greg A 276-0189
924 Cook Richd H ◎ 276-5401
927 Graham Jerry ◎
930★Chickwood Gary pntr
933 Coltrane John ◎ 276-7955

10

O'NEAL ST INTERSECTS
WRIGHT ST INTERSECTS
MAIN ST INTERSECTS
1205 Vacant
1206 Vachor M E ◎ 276-6355
1209 Johnson Wenda D ◎ 276-8189
1210 Mc Meekin Pauline ◎ 276-1806
1213 Rowe Everett ◎ 276-4457
1214 Bedenbaugh Ellen B Mrs ◎ 276-3715
1218 Brinkley Durward B ◎ 276-5474
CROMER ST INTERSECTS

BRANTLEY ST —FROM 726
DRAYTON ST WEST 1
SOUTH OF BOUNDARY ST

ZIP CODE 29108
521 Wilson Geo A ◎ 276-5971
525 Schumpert Eug S ◎ 276-2582
527 Austin Jas T Rev 276-7157
533 Gaulden E E Rev ◎ 276-0638
SOUTH ST BEGINS
540 Gallman Elementary School 276-2525
LANGFORD ST INTERSECTS
604 Vacant
JAMES ST INTERSECTS
702★Summers James
704 Taylor Lizzie M Mrs ◎ 276-3929
708 Taylor Willie J 276-7230
SOUTH ST BEGINS
712 Miller Ulysses ◎ 276-3024
718 Rutherford A C 276-6049
720 Vacant
722 Gray Mary Mrs ◎ 276-3987

8

LANGFORD ST —FROM 711
MC SWAIN ST NORTH 1
WEST OF JAMES ST

ZIP CODE 29108
720 Tucker Willie ◎ 276-1226
727 Gallman Middle School (Side Ent)
728 Glenn Cora ◎ 276-0649
BRANTLEY ST INTERSECTS
803 Bennett Calmore R ◎ 276-4276
808 Werts Mattie Lois ◎ 276-3317
813 Hamm Harvey Y ◎ 276-3354
814 Vacant
815 Crocker Billy
817 Walker Wm
820 Walker Jamie L
821★Sherrets Lita
823 Williams Gyanel
827★Hockett James L
BOUNDARY ST INTERSECTS

9

BOUNDARY ST INTERSECTS
916 Vacant
918 Coltrane Lloyd
921 Dominick
924 Cook Richd H ◎ 276-5401
927★Graham Jerry ◎
930 Cotton
933 Coltrane John ◎ 276-7955

10

O'NEAL ST INTERSECTS
WRIGHT ST INTERSECTS
MAIN ST INTERSECTS
1205 Vacant
1206★Vachor M E ◎ 276-6355
1209★Johnson Wenda D ◎
1210 Mc Meekin Pauline ◎ 276-1806
1213 Rowe Everett ◎ 276-4457
1214 Bedenbaugh Ellen B Mrs ◎ 276-3715
1218 Brinkley Durward B ◎ 276-5474
CROMER ST INTERSECTS

8

BRANTLEY ST —FROM 726 DRAYTON ST WEST 1 SOUTH OF BOUNDARY ST

ZIP CODE 29108

521 Wilson Geo A ◎ 276-5971
525 Schumpert Eug S ◎ 276-2582
527 Austin Ben Rev 276-7157
533 Gaulden E E Rev ◎ 276-0638
SOUTH ST BEGINS
540 Gallman High School 276-2525
LANGFORD ST INTERSECTS
604 Vacant
JAMES ST INTERSECTS
702 Williams Carrie T Mrs ◎ 276-1220
703 Vacant
704 Taylor Lizzie M Mrs ◎ 276-3929
708★Taylor Willi J
SOUTH ST BEGINS
712 Miller Ulysses ◎ 276-3024
718 Rutherford A C
720 Royal Pond Cafe
722 Gray Mary Mrs ◎ 276-0768

8

LANGFORD ST —FROM 711 MC SWAIN ST NORTH 1 WEST OF JAMES ST

ZIP CODE 29108

720 Tucker Willie ◎ 276-1226
727 Gallman Middle School (Side Ent)
728 Harp Milton ◎ 276-5452
BRANTLEY ST INTERSECTS
803 Bennett Calmore R ◎ 276-4276
808 Werts Mattie L ◎ 276-3317
813 Hamm Harvey Y ◎ 276-3354
814 Vacant
817 Vacant
820★Walker W
821★Folk David 276-5419
BOUNDARY ST INTERSECTS

9

BOUNDARY ST INTERSECTS

918★Coltrane Lloyd
921★Senn Russell 276-7979
924 Cook Richd H ◎ 276-5401
927 Shealy Saml W Jr ◎ 276-3050
930 Padgett Lula M Mrs ◎ 276-0362
933 Coltrane John ◎ 276-7955

LANGFORD ST—Contd

10

O'NEAL ST INTERSECTS
WRIGHT ST INTERSECTS
MAIN ST INTERSECTS
1205 Smith Eula S Mrs ◎ 276-1008
1206 Nachon V E 276-6355
1209 Vaughn Claude R ◎ 276-3093
1210 Mc Meekin Pauline ◎ 276-1806
1213 Rowe Everett ◎ 276-4457
1214 Bedenbaugh Ellen B Mrs ◎ 276-3715
1218 Brinkley Durward B ◎ 276-5474
CROMER ST INTERSECTS

8

BRANTLEY ST —FROM 726 DRAYTON ST WEST 1 SOUTH OF BOUNDARY ST

ZIP CODE 29108
521 Wilson Geo A ◎ 276-5971
525 Schumpert Eug S ◎ 276-2582
527 ★ Austin Ben
533 Gaulden E E Rev ◎ 276-0638
SOUTH ST BEGINS
540 Gallman Jr High School 276-2525
LANGFORD ST INTERSECTS
604 Vacant
JAMES ST INTERSECTS
702 Williams Carrie T Mrs ◎ 276-1220
704 Taylor Jeff ◎ 276-3929
708 Fuller Naomi Mrs 276-6047
SOUTH ST BEGINS
712 Miller Ulysses ◎ 276-3024
718 ★ Hawkins Fannie

BRANTLEY ST—Contd
720 Royal Pond Cafe
722 Gray Mary Mrs ◎ 276-0768

KINARD ST—Contd
2568 Du Bose E Benton dentist 276-3371
Wiseman James E Jr dentist 276-3367
2600 Rayfield Danl C ◎ 276-6136
2632 Smith Belton C ◎ 276-0382
2701★Boone Nancy
2704★Erors Mick
2710 Car O Matic Car Wash

15

KOHN AV —FROM 1107 KEROES ST EAST

ZIP CODE 29108

8

LANGFORD ST —FROM 711 MC SWAIN ST NORTH 1 WEST OF JAMES ST

ZIP CODE 29108
720 Tucker Willie ◎ 276-1226
726 Hill Eula M ◎ 276-6227
727 Gallman High School (Side Int)
728 Harp Milton ◎ 276-5452
BRANTLEY ST INTERSECTS
803 Bennett Calmore R ◎ 276-4276
808 Werts Mattie L 276-3317
813 Hamm Harvey Y ◎ 276-3354
814 Johnson Olin A ◎ 276-3919
817 Reighley Amelia H Mrs 276-5346
820 Vacant
821 Lominick Chris F 276-1998
827 Parks Jim 276-6521
No Return
BROADWAY INTERSECTS

9

BOUNDARY ST INTERSECTS
916 Henry Mary M Mrs
918 No Return
921 Shealy Nannie K Mrs Mrs ◎ 276-0762
924★Cook Richd H ◎ 276-5401
927 Shealy Saml W Jr ◎ 276-3050
930 Padgett Lula M Mrs ◎ 276-0362
933★Coltrane John ◎ 276-1724

10

O'NEAL ST INTERSECTS
WRIGHT ST INTERSECTS
MAIN ST INTERSECTS
1205 Smith Eula S Mrs ◎ 276-1008
1206 Vacant
1209 Vaughn Claude R ◎ 276-3093
1210 Mc Meekin Pauline ◎ 276-1806
1213 Rowe Everett ◎ 276-4457
1214 Bedenbaugh Ellen B Mrs ◎ 276-3715
1218 Brinkley Durward B ◎ 276-5474
CROMER ST INTERSECTS

101

LANGFORD ST (PROSPERITY)—FROM 78 MAIN ST EAST 1 NORTH OF GRACE ST

ZIP CODE 29127
2 Stephens Richd ◎ 364-2181
4 Hawkins Mattie Mrs 364-2268
5★Vacant (2 Hses 5-8)
6 Kinard Carrie L Mrs ◎
7 Kibler Robt L
10 De Watt Collie ◎
11 Henry David ◎ 364-2257
13 Mc Fall Robt L ◎ 364-2718
14 Wicker Vinnie M Mrs ◎ 364-2111
LANGFORD ST EXTN BEGINS
15 Vacant
16 Wise Lang ◎ 364-2108
17 Wise Charlie ◎ 364-2151
19 Wash Wesley ◎
21 Johnson Myrtle ◎ 364-2624
23 Williams Max
25 Wheeler Henry

13

BOYD ST-CONTD
---ZIP CODE 29108
809 BUTLER PIERCE B
810 SEWARD LEVI
812 PERRY EDDIE • 276-3815
813 PERRY JAMES H •
276-1476
814 SENN CHARLES •
276-4930
815 MOSES REBECCA A MRS •
816 MATHIS BERTIE E MRS •
276-3795
817 WILSON FANNIE MRS •
820 HALL BEN •
---VINCENT ST INTERSECTS

100

BOYD ST (PROSPERITY)-FROM
25 MAIN ST WEST, 1 SOUTH
OF BROAD ST

---ZIP CODE 29127
1 PROSPERITY GIN CO
364-2387
2 A B C PACKAGE STORE
---MC NEARY ST INTERSECTS

8

BRANTLEY ST -FROM 726
DRAYTON ST WEST, 1 SOUTH
OF BOUNDARY ST

---ZIP CODE 29108
521 WILSON GEO A •
276-5971
525 SCHUMPERT EUG S •
276-2582
527 THACKER FANNIE M MRS
533 GAULDEN E E REV
276-0638
---SOUTH ST BEGINS
540 GALLMAN HIGH SCHOOL
276-2525
---JAMES ST INTERSECTS
604 VACANT
702 WILLIAMS CARRIE T MRS
• 276-1220
---LANGFORD ST INTERSECTS
704 TAYLOR JEFF • 276-3929
708 FULLER NAOMI MRS
712 MILLER ULYSSES
714 VACANT
718 VACANT
720 ROYAL POND GROCERY
722 GRAY JOE • 276-0768

14

BRITTAIN DR -FROM STATE
HWY 121 NORTH

---ZIP CODE 29108
3000 CONTRACT CARRIER INC
276-3339

100

BROAD ST (PROSPERITY)-FROM
31 MAIN ST WEST, 1 NORTH
OF KIBLER ST

---ZIP CODE 29127
1 VACANT
2 PIGGLY WIGGLY 364-2307
7 MAYER'S CAFE
9 WICKER GROCERY 364-2142
TOWN MAGISTRATE 364-2146
---MC NEARY ST INTERSECTS

13

BROOKSIDE DR -FROM 1418
KINARD ST WEST

---ZIP CODE 29108
2303 EUREY EDW E •
276-3243
2304 NO RETURN •
2307 UNDER CONSTN
2316 ENGLIS WM CLAY •
276-1825

11

BROWN ST -FROM 901 POPE ST
NORTH, 1 WEST OF NANCE
ST

---ZIP CODE 29108
2106 TARRER WALTER C •
276-2746
2109 EZELL PAUL B •
276-3463
2110 BELL LILLIAN W MRS •

8

LANGFORD ST -FROM 711 MC
SWAIN ST NORTH, 1 WEST
OF JAMES ST

---ZIP CODE 29108
720 TUCKER MARY W MRS
276-1226
726 HILL EULA M 276-3452
727 GALLMAN HIGH SCHOOL
(SIDE INT)
728 HARP MILTON • 276-5452
---BRANTLEY ST INTERSECTS
803 BENNETT CALMORE R •
276-4276
808 SIMS WYLIE JR •
276-2611
813 HAMM HARVEY Y 276-3354
814 JOHNSON OLIN A •
276-3919
817 REIGHLEY AMELIA H MRS
276-5346
820 WICKER TOM P •
276-3896
821 LOMINICK CHRIS F
276-1998

9

---BOUNDARY ST INTERSECTS
916 HENRY MARY M MRS
918 RICHARDSON JOHN B •
921 SHEALY SAML W •
276-0762
924 WESSON JAMES M
276-1564
927 SHEALY SAML W JR •
276-3050
930 PADGETT LULA M MRS •
276-0362

1969 LANGFORD ST-B
SOURCE: HILLS

LANGFORD ST--CONTD

933 VACANT

10

---O'NEAL ST INTERSECTS
---WRIGHT ST INTERSECTS
---MAIN ST INTERSECTS
1205 SMITH EULA S MRS •
276-1008
1206 MC MEEKIN BRICE E •
1209 VAUGHN CLAUDE R •
276-3093
1210 MC MEEKIN PAULINE •
276-1806
1213 ROWE EVERETT •
276-4457
1214 BEDENBAUGH ELLEN B
MRS • 276-3715
1215 MC MEEKIN EDGAR B •
1218 BRINKLEY DURWARD B •
276-5474
---CROMER ST INTERSECTS

1921-22 BRANTLEY ST
SOURCE: MILLERS

BRANTLEY—e from 800 James to Drayton
700 *Dorroh Pinkney
702 *Wright Christy
708 *Harkins Lemuel
(South intersects)
712 *Gallman Andw
714 *Wilson Thos
718 *Williams Wash
722 Gruber Jos

1231 Tucker E J

LANGFORD—n and s from 600 Boun-d
ary

720 *Hyman N N
726 *Mitchell Wm
735 *Hipp Anna

Brantley intersects)

804 Barnette S H
808 Dickart A H
814 Paysinger L F
820 Wicker T P

(Boundary intersects)

918 *Gibson Sallie
920 *Gary Wm
921 Johnson O H
922 *Madenton Emma
924 *Moore Hattie
926 *Whitener Geo
930 Ogden Ella Mrs

(O'Neall and Davis intersects)

1205 Darby A J
1206 Gillian Eva Mrs
1209 Padget E W
1213 Alewine Clifford

APPENDIX H

FIRE INSURANCE MAPS

Science & Engineering Consultants

FIRE INSURANCE MAPS

Project Property:	Gallam Place Parcel 540 Brantley Street Newberry SC 29108
Project No:	00.5633.16
Requested By:	SynTerra Corporation
Order No:	23101000943
Date Completed:	October 11, 2023

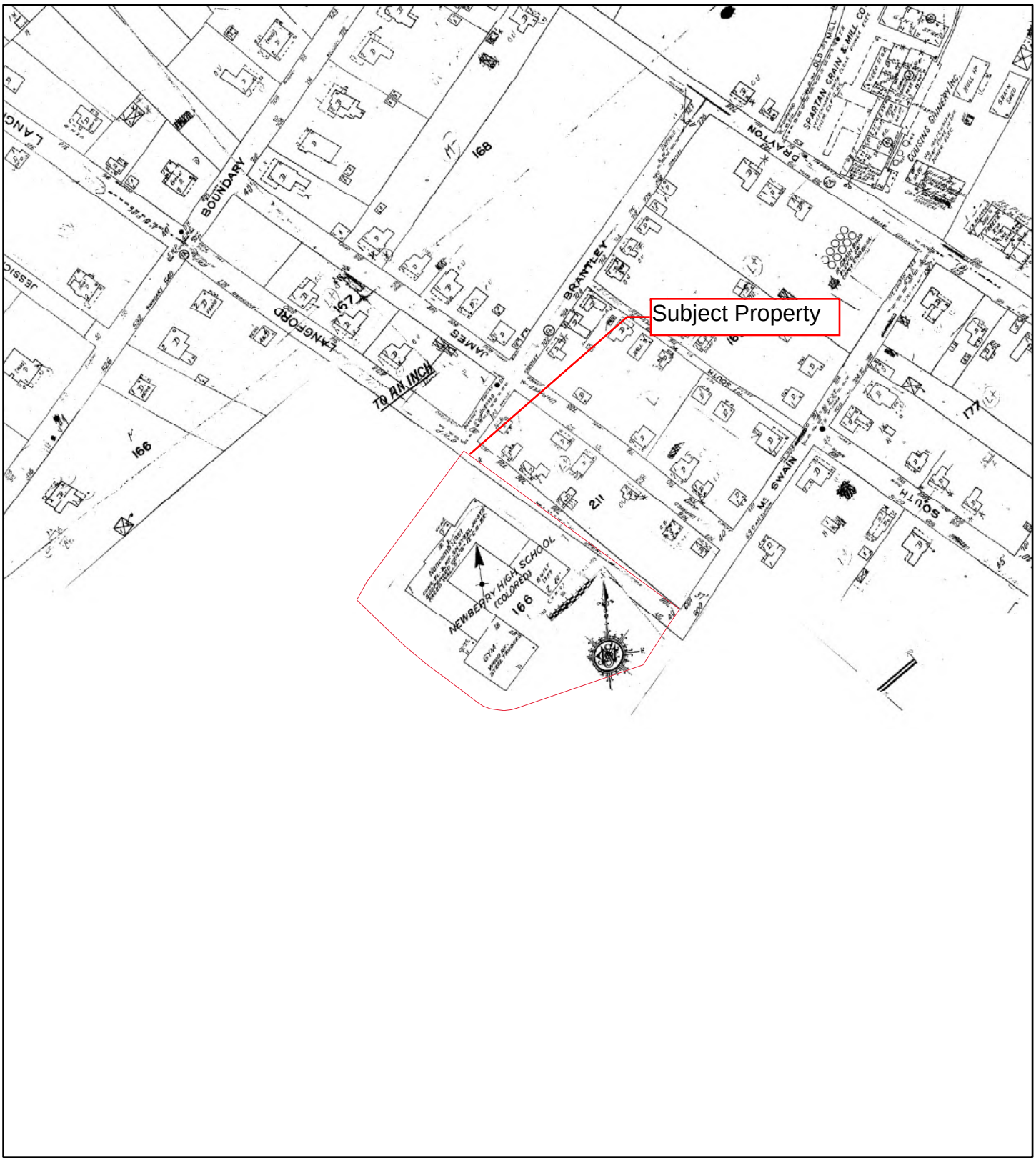
Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Listed below, please find the results of our search for historic fire insurance maps from our in-house collection, performed in conjuction with your ERIS report.

Date	City	State	Volume	Sheet Number(s)
1959	Newberry	South Carolina		5
1948	Newberry	South Carolina		5
1923	Newberry	South Carolina		5

Individual Fire Insurance Maps for the subject property and/or adjacent sites are included with the ERIS environmental database report to be used for research purposes only and cannot be resold for any other commercial uses other than for use in a Phase I environmental assessment.

Fire Insurance Map



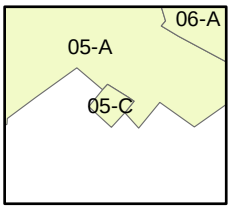
1959

Address: 540 Brantley Street Newberry SC 29108

N

0 115 230 460 690 920

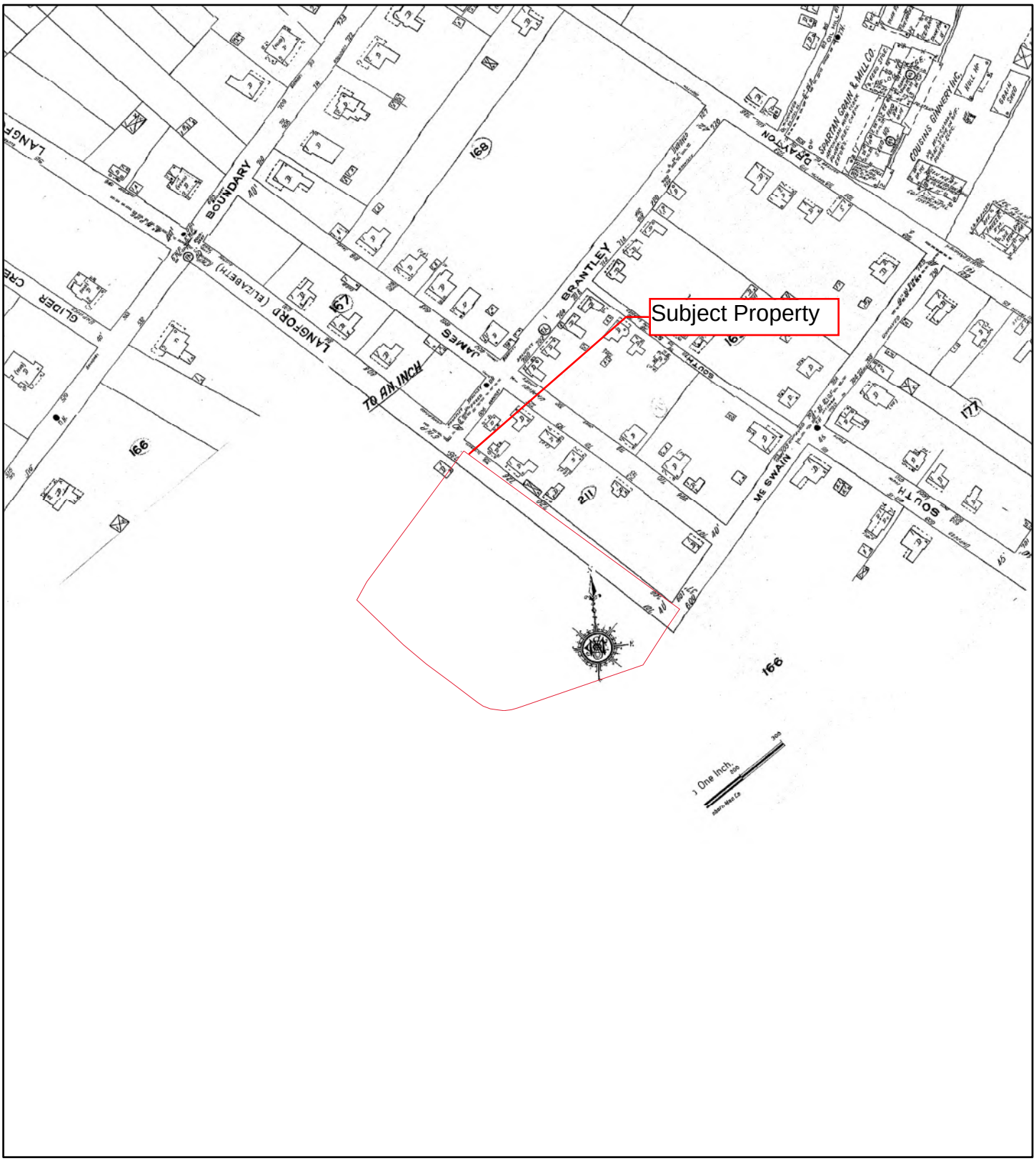
Feet



Map sheet(s):
Volume NA: 5;

Order Number 23101000943

Fire Insurance Map



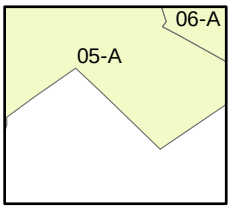
1948

Address: 540 Brantley Street Newberry SC 29108

N

0 115 230 460 690 920

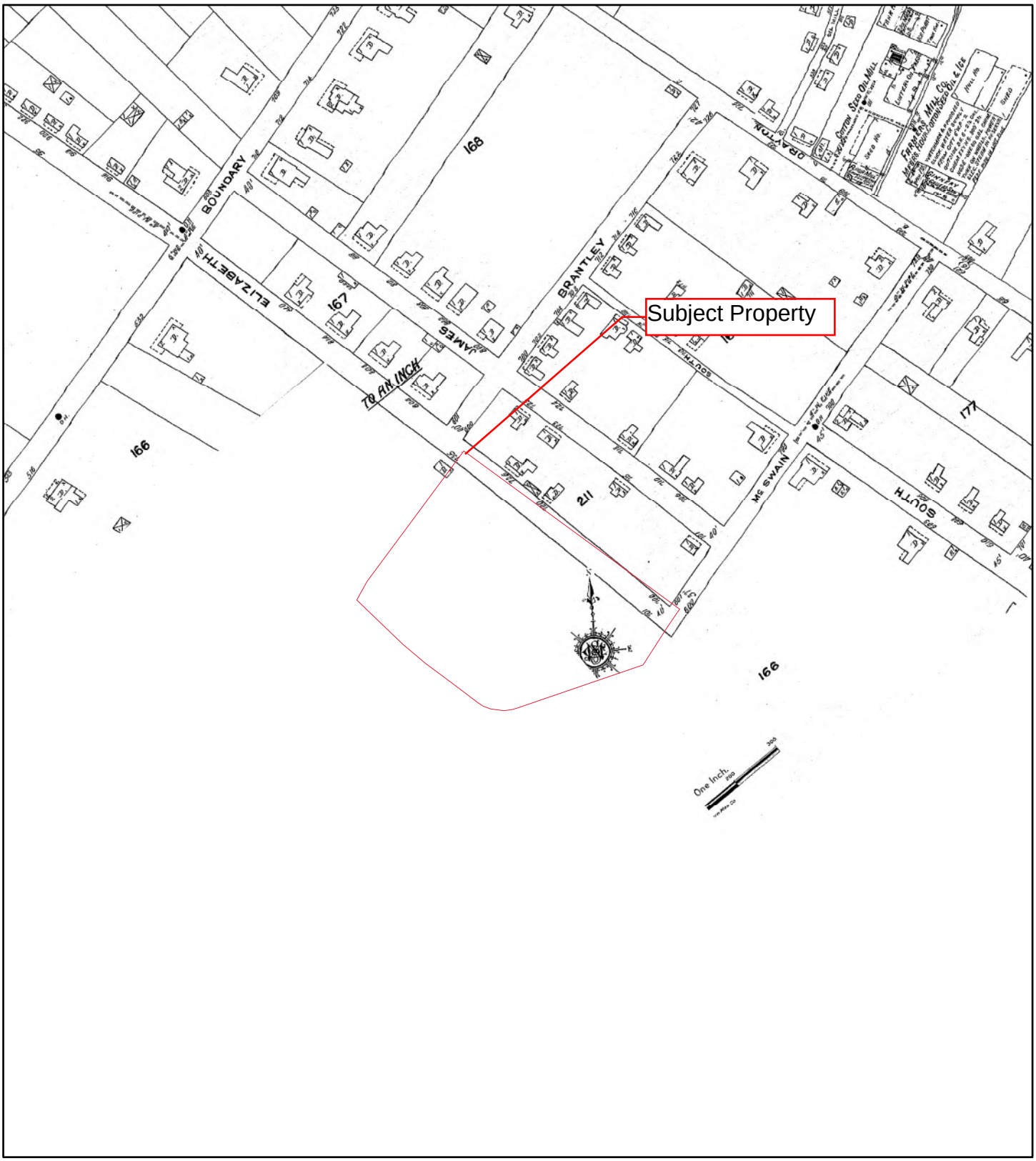
Feet



Map sheet(s):
Volume NA: 5;

Order Number 23101000943

Fire Insurance Map



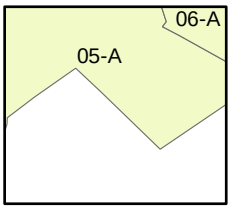
1923

Address: 540 Brantley Street Newberry SC 29108

N

0 115 230 460 690 920

Feet



Map sheet(s):
Volume NA: 5;

Order Number 23101000943

APPENDIX I

DATABASE REPORT

Science & Engineering Consultants

DATABASE REPORT

Project Property:	*Gallam Place Parcel* *540 Brantley Street* *Newberry SC 29108*
Project No:	*00.5633.16*
Report Type:	*Database Report*
Order No:	*23101000943*
Requested by:	*SynTerra Corporation*
Date Completed:	*October 12, 2023*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Table of Contents

Executive Summary

Property Information:

Project Property:	*Gallam Place Parcel* *540 Brantley Street Newberry SC 29108*
Project No:	*00.5633.16*

Coordinates:

Latitude:	*34.26604457*
Longitude:	*-81.62156746*
UTM Northing:	*3,791,829.87*
UTM Easting:	*442,778.75*
UTM Zone:	*UTM Zone 17S*

Elevation:	*490 FT*

Order Information:

Order No:	*23101000943*
Date Requested:	*October 10, 2023*
Requested by:	*SynTerra Corporation*
Report Type:	*Database Report*

Historicals/Products:

Aerial Photographs	*Historical Aerials (with Project Boundaries)*
City Directory Search	*CD - 2 Street Search*
ERIS Xplorer	*ERIS Xplorer*
Excel Add-On	*Excel Add-On*
Fire Insurance Maps	*US Fire Insurance Maps*
Physical Setting Report (PSR)	*Physical Setting Report (PSR)*
Topographic Map	*Topographic Maps*

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	0.5	0	0	0	0	-	0
RCRA LQG	Y	0.25	0	0	0	-	-	0
RCRA SQG	Y	0.25	0	0	0	-	-	0
RCRA VSQG	Y	0.25	0	0	0	-	-	0
RCRA NON GEN	Y	0.25	0	0	0	-	-	0
RCRA CONTROLS	Y	0.5	0	0	0	0	-	0
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
NPL IC	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0
FRP	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
DELISTED FRP	Y	0.25	0	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0
DOE FUSRAP	Y	1	0	0	0	0	0	0
State								
REMEDIATION	Y	1	0	0	0	0	0	0
SWF/LF	Y	0.5	0	0	0	0	-	0
SASPL	Y	0.5	0	0	**1**	**1**	-	**2**
DELISTED SHWS	Y	1	0	0	0	0	0	0
LUST	Y	0.5	0	0	**2**	**3**	-	**5**
LAST	Y	0.5	0	0	0	0	-	0
DELISTED LST	Y	0.5	0	0	0	**1**	-	**1**
UST	Y	0.25	0	0	**2**	-	-	**2**
AST	Y	0.25	0	0	0	-	-	0
AST SFM	Y	0.25	0	0	0	-	-	0
DELISTED TANKS	Y	0.25	0	0	0	-	-	0
RCR	Y	0.5	0	0	0	**1**	-	**1**
VCP	Y	0.5	0	0	**1**	0	-	**1**
BROWNFIELDS	Y	0.5	0	0	**4**	0	-	**4**
Tribal								
INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED INDIAN LST	Y	0.5	0	0	0	0	-	0
DELISTED INDIAN UST	Y	0.25	0	0	0	-	-	0
County	***No County standard environmental record sources available for this State.***							

Additional Environmental Records

Federal

FINDS/FRS	Y	PO	0	-	-	-	-	0
TRIS	Y	PO	0	-	-	-	-	0
PFAS NPL	Y	0.5	0	0	0	0	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
PFAS FED SITES	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
ERNS PFAS	Y	0.5	0	0	0	0	-	0
PFAS NPDES	Y	0.5	0	0	0	0	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
PFAS TSCA	Y	0.5	0	0	0	0	-	0
PFAS E-MANIFEST	Y	0.5	0	0	0	0	-	0
PFAS IND	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
FUDS MRS	Y	1	0	0	0	0	0	0
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	0	0	0
LM SITES	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	0	-	-	0
CONSENT DECREES	Y	0.25	0	0	0	-	-	0
AFS	Y	PO	0	-	-	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0
PCBT	Y	0.5	0	0	0	0	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
PCB	Y	0.5	0	0	0	0	-	0
State								
SPILLS	Y	0.125	0	0	-	-	-	0
DRYCLEAN FUND	Y	0.5	0	0	0	0	-	0
DRY CLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
AIR PERMIT	Y	0.25	0	0	0	-	-	0
UIC	Y	PO	0	-	-	-	-	0
AGRI FAC	Y	0.25	0	0	0	-	-	0
Tribal	***No Tribal additional environmental record sources available for this State.***							
County	***No County additional environmental record sources available for this State.***							
	Total:		0	0	**10**	**6**	0	**16**

**** PO – Property Only***
**** 'Property and adjoining properties' database search radii are set at 0.25 miles.***

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number

No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	LUST	ELLCO INDUSTRIES INC	618 DRAYTON ST NEWBERRY SC 29127 ***Permit:*** N 06467	ENE	0.17 / 921.45	-6	19
1	UST	ELLCO INDUSTRIES INC	618 DRAYTON ST NEWBERRY SC 29127 ***Tank No | Status:*** 2 | Abandoned, 3 | Abandoned, 1 | Abandoned, 5 | Abandoned	ENE	0.17 / 921.45	-6	20
1	BROWNFIELDS	ELLCO INDUSTRIES	618 DRAYTON ST NEWBERRY SC 29127	ENE	0.17 / 921.45	-6	23
1	SASPL	ELLCO INDUSTRIES	618 DRAYTON ST, NEWBERRY SC 29127 SC	ENE	0.17 / 921.45	-6	23
1	VCP	ELLCO INDUSTRIES	618 DRAYTON ST NEWBERRY SC 29127	ENE	0.17 / 921.45	-6	23
1	BROWNFIELDS	ELLCO INDUSTRIES	618 DRAYTON ST NEWBERRY SC 29127	ENE	0.17 / 921.45	-6	23
1	BROWNFIELDS	ELLCO INDUSTRIES	618 DRAYTON ST NEWBERRY SC 29127	ENE	0.17 / 921.45	-6	24
1	BROWNFIELDS	ELLCO INDUSTRIES	618 DRAYTON ST NEWBERRY SC 29127	ENE	0.17 / 921.45	-6	24
2	UST	QUALITY CONTRACTING OF NEWBERRY	524 O'NEAL ST NEWBERRY SC 29108 ***Tank No | Status:*** 3 | Last used before 1974 and empty, 2 | Last used before 1974 and empty, 4 | Last used before 1974 and empty, 1 | Last used before 1974 and empty	WNW	0.25 / 1,314.10	-20	24
2	LUST	QUALITY CONTRACTING OF NEWBERRY	524 O'NEAL ST NEWBERRY SC 29108 ***Permit:*** U 16843 ***NFA:*** 1/12/2004	WNW	0.25 / 1,314.10	-20	27
3	SASPL	NEWBERRY COTTON MILLS	ONEAL AT TARRNAT ST S, NEWBERRY SC 29108 SC	N	0.31 / 1,629.34	11	28
4	DELISTED LST	SC EMPLOYMENT SECURITY COMM	800 MAIN ST NEWBERRY SC	NNW	0.33 / 1,762.27	10	28

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
5	LUST	CRICKET 3842	922 NANCE ST NEWBERRY SC 29108 ***Permit:*** R 06547	NNE	0.42 / 2,243.73	-1	29
6	LUST	NANCE ST BP	1004 NANCE ST NEWBERRY SC 29108 ***Permit:*** P 06568 ***NFA:*** 6/20/2013	N	0.43 / 2,260.28	-3	30
6	RCR	NANCE ST BP	1004 NANCE ST NEWBERRY SC 29108	N	0.43 / 2,260.28	-3	31
7	LUST	C T SUMMER INC FORMER CARQUEST	929 MAIN ST NEWBERRY SC ***Permit:*** N 17083 ***NFA:*** 6/28/1996	N	0.49 / 2,579.99	-16	32

Executive Summary: Summary by Data Source

Standard

State

SASPL - Site Assessment Section Project List

A search of the SASPL database, dated Jun 21, 2023 has found that there are 2 SASPL site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
NEWBERRY COTTON MILLS	ONEAL AT TARRNAT ST S, NEWBERRY SC 29108 SC	N	0.31 / 1,629.34	3

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ELLCO INDUSTRIES	618 DRAYTON ST, NEWBERRY SC 29127 SC	ENE	0.17 / 921.45	1

LUST - Leaking Underground Storage Tank List

A search of the LUST database, dated May 8, 2023 has found that there are 5 LUST site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ELLCO INDUSTRIES INC	618 DRAYTON ST NEWBERRY SC 29127 ***Permit**: N 06467*	ENE	0.17 / 921.45	1
QUALITY CONTRACTING OF NEWBERRY	524 O'NEAL ST NEWBERRY SC 29108 ***Permit**: U 16843* ***NFA**: 1/12/2004*	WNW	0.25 / 1,314.10	2
CRICKET 3842	922 NANCE ST NEWBERRY SC 29108 ***Permit**: R 06547*	NNE	0.42 / 2,243.73	5
NANCE ST BP	1004 NANCE ST NEWBERRY SC 29108 ***Permit**: P 06568* ***NFA**: 6/20/2013*	N	0.43 / 2,260.28	6
C T SUMMER INC FORMER CARQUEST	929 MAIN ST NEWBERRY SC ***Permit**: N 17083* ***NFA**: 6/28/1996*	N	0.49 / 2,579.99	7

DELISTED LST - Delisted Leaking Storage Tanks

A search of the DELISTED LST database, dated Aug 23, 2023 has found that there are 1 DELISTED LST site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
SC EMPLOYMENT SECURITY COMM	800 MAIN ST NEWBERRY SC	NNW	0.33 / 1,762.27	4

UST - Underground Storage Tank List

A search of the UST database, dated May 8, 2023 has found that there are 2 UST site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ELLCO INDUSTRIES INC	618 DRAYTON ST NEWBERRY SC 29127	ENE	0.17 / 921.45	1
	***Tank No | Status**: 2 | Abandoned, 3 | Abandoned, 1 | Abandoned, 5 | Abandoned*			
QUALITY CONTRACTING OF NEWBERRY	524 O'NEAL ST NEWBERRY SC 29108	WNW	0.25 / 1,314.10	2
	***Tank No | Status**: 3 | Last used before 1974 and empty, 2 | Last used before 1974 and empty, 4 | Last used before 1974 and empty, 1 | Last used before 1974 and empty*			

RCR - Registry of Conditional Remedies

A search of the RCR database, dated Jun 12, 2023 has found that there are 1 RCR site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
NANCE ST BP	1004 NANCE ST NEWBERRY SC 29108	N	0.43 / 2,260.28	6

VCP - Site Assessment and Remediation Public Record Database

A search of the VCP database, dated Aug 15, 2023 has found that there are 1 VCP site(s) within approximately 0.50 miles of the project property.

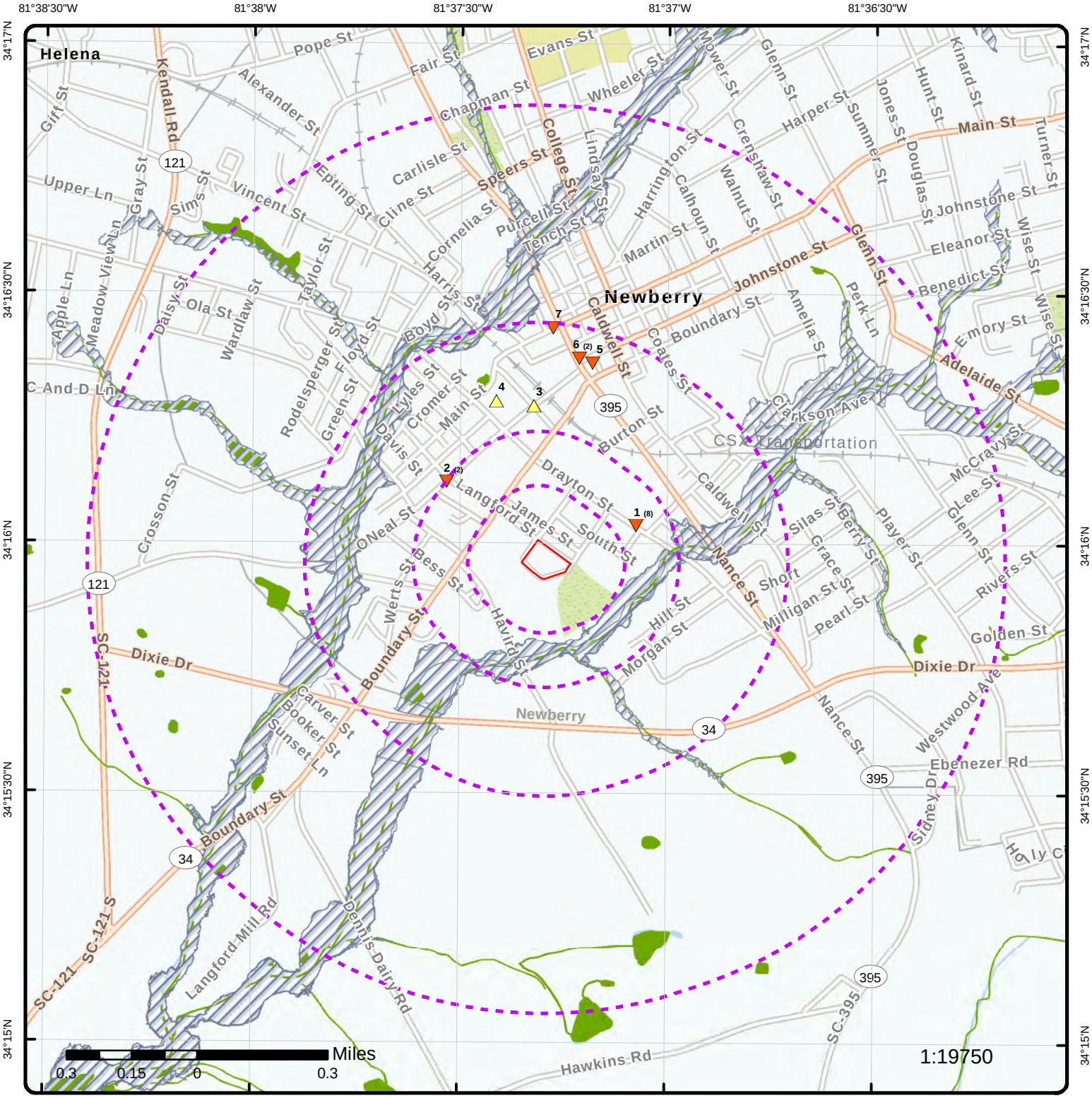
Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ELLCO INDUSTRIES	618 DRAYTON ST NEWBERRY SC 29127	ENE	0.17 / 921.45	1

BROWNFIELDS - Brownfields Sites Listing

A search of the BROWNFIELDS database, dated Jul 13, 2023 has found that there are 4 BROWNFIELDS site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ELLCO INDUSTRIES	618 DRAYTON ST NEWBERRY SC 29127	ENE	0.17 / 921.45	1

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ELLCO INDUSTRIES	618 DRAYTON ST NEWBERRY SC 29127	ENE	0.17 / 921.45	1
ELLCO INDUSTRIES	618 DRAYTON ST NEWBERRY SC 29127	ENE	0.17 / 921.45	1
ELLCO INDUSTRIES	618 DRAYTON ST NEWBERRY SC 29127	ENE	0.17 / 921.45	1

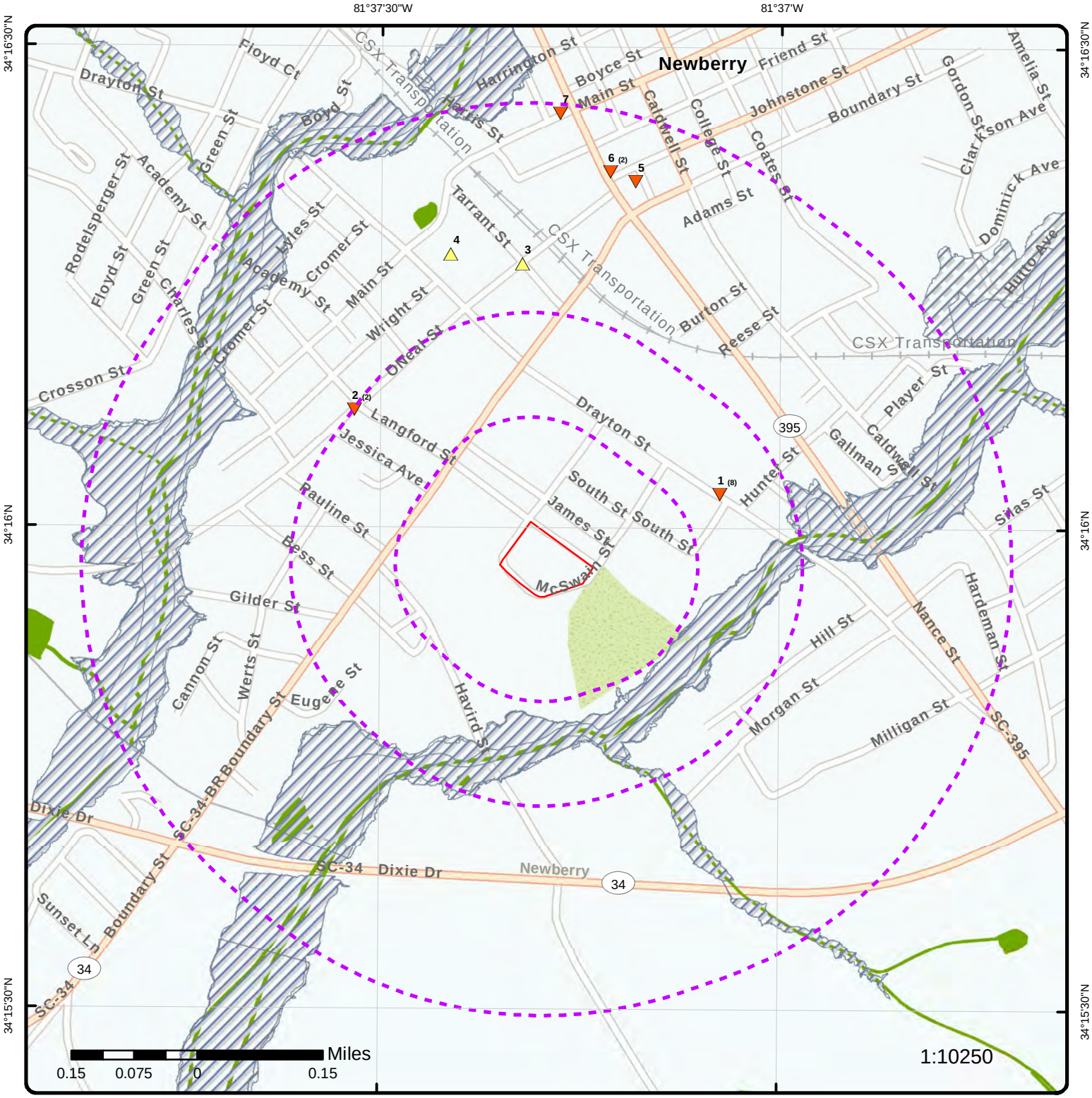


Map: 1.0 Mile Radius

Order Number: 23101000943

Address: 540 Brantley Street, Newberry, SC

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

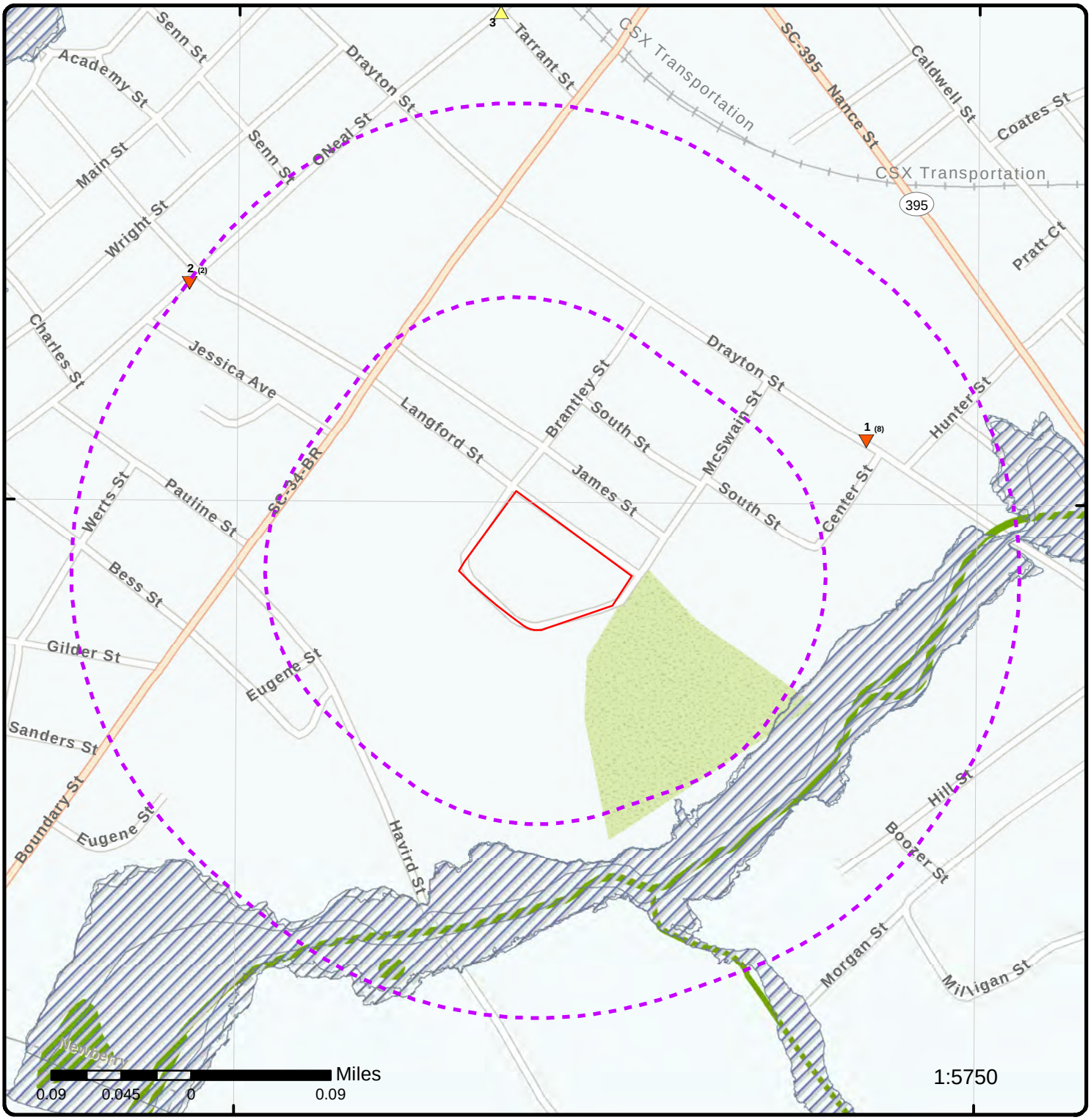


Map: 0.5 Mile Radius

Order Number: 23101000943

Address: 540 Brantley Street, Newberry, SC

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)



Map: 0.25 Mile Radius

Order Number: 23101000943

Address: 540 Brantley Street, Newberry, SC

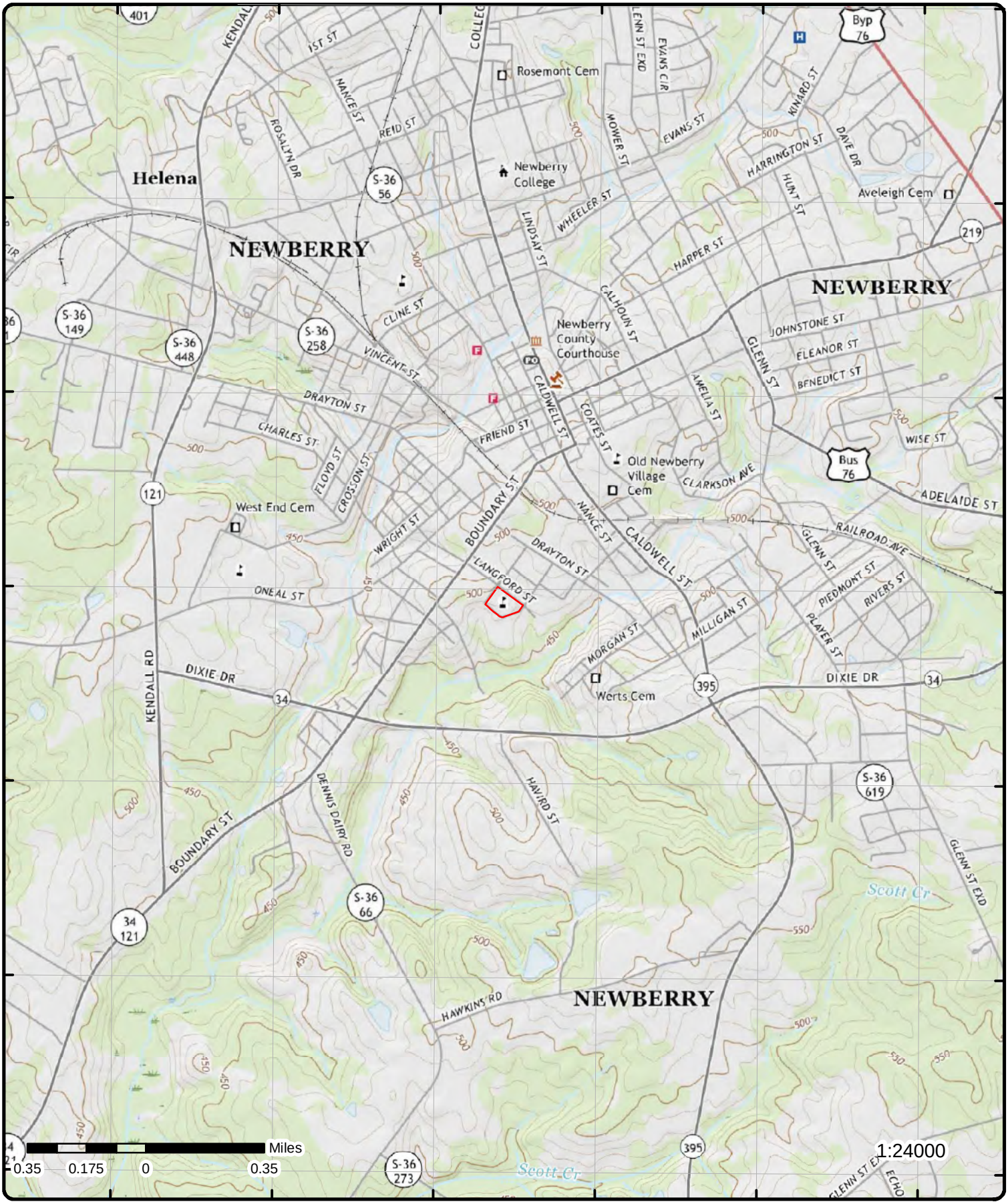
- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Aerial **Year: 2020**

Order Number: 23101000943

Address: 540 Brantley Street, Newberry, SC

Source: ESRI World Imagery



Topographic Map

Year: 2020

Order Number: 23101000943

Address: 540 Brantley Street, SC

Quadrangle(s): Prosperity SC, Silverstreet SC, Newberry East SC, Newberry West SC

Source: USGS Topographic Map

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 8	ENE	0.17 / 921.45	484.67 / -6	ELLCO INDUSTRIES INC 618 DRAYTON ST NEWBERRY SC 29127	LUST

Site ID:	006467	**Site No (EFIS):**	UST-06467
Permit:	N 06467	**Facility Name (EFIS):**	ELLCO INDUSTRIES INC
Category:		**Fac Address (EFIS):**	618 DRAYTON ST
No of Tanks:	4	**Facility City (EFIS):**	NEWBERRY
Billable:	0	**Facility State (EFIS):**	SC
Abandoned:	4	**Facility Zip (EFIS):**	29127
Other:	0	**Facility (Web):**	ELLCO INDUSTRIES INC
Last Inspection:		**Address (Web):**	618 DRAYTON ST
Facility:	ELLCO INDUSTRIES INC	**City (Web):**	NEWBERRY
Facility Street:	618 DRAYTON ST	**Zip Code (Web):**	29127
Facilit City:	NEWBERRY	**County (Web):**	NEWBERRY
Facility State :	SC	**Phone (Web):**	803-276-0320
Facility Zip:	29127	**Tank Owner Phone:**	803-583-7211
County Code:	36	**Land Owner Phone:**	
Fac County:	Newberry	**Operator Phone:**	

Business Address: 618 DRAYTON ST
NEWBERRY SC 29127

Tank Owner Business Addr: TRIANGLE ICE CO
PO BOX 2848
SPARTANBURG SC 29304-2848

Land Owner Business Addr: LITTLE RIVER CORP
PO BOX 2188
GASTONIA NC 28053-2188

Operator Business Addr:

Facility Link: https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/06467

Data Source: DHEC Online Registry - Releases (Web); DHEC Confirmed Release Report (LUST); DHEC LUST Data (EFIS)

DHEC Online Registry - Release Report

Release No:	1
Project Manager:	PRIOR, ASHLEY D
Reported:	7/21/1995
Confirmed:	10/14/1995
RBCA/ Score:	3BF - GW < 15 feet in sand or gravel / 75
Product:	
Compliance Req:	True
NFA:	
Fin Type:	DHEC SUPERB
Fin Res Mechanism:	
Abatement Met:	3/28/1995
Cleanup Initiated:	4/15/1996
Cleanup Complete:	
Cleanup MCL:	
Compliance Date:	
Compliance Met:	False
Emergency Resp:	
Responsible Party:	TRIANGLE ICE CO
Superb Determ Date:	
Superb Qualified:	
Transferred:	
Source:	UST

DHEC Confirmed Release Report

Release No:	1	**Confirmed:**	10/14/95
NFA:		**Tank Owner:**	TRIANGLE ICE CO
Product:	PETRO	**Status Desc:**	Conducting Investigation/Risk Assessment
Proj Mgr:	PRIORAD	**Score:**	75
Reported:	07/21/95	**Rank:**	3BF 1
Rank Desc:	GW < 15 feet in sand or gravel		

DHEC EFIS Data Details

Release No:	1
Release Date:	7/21/1995
Project Mgr:	DS
Confirmed Date:	10/14/1995
Cleanup Comp Date:	
Cleanup Comp Mcl Dt:	
RP Name:	TRIANGLE ICE CO
RP Address:	PO BOX 2848
RP City:	SPARTANBURG
RP State:	SC
RP Zip:	29304-2848
SSTL Estab Cd:	MR
SCRBCA Class Cd:	CLASS3BF
Depth to GW:	17.15
GW Flow Dir Cod:	SE
Receptor Type Cd:	KNIGHT, B T
Rel Fin Type Cd:	
CoC Concentrate Cd:	

1	2 of 8	ENE	0.17 / 921.45	484.67 / -6	**ELLCO INDUSTRIES INC** **618 DRAYTON ST** **NEWBERRY SC 29127**	**UST**

Site ID:	006467	**Facility ID (Prohib):**	
Permit:	N 06467	**Fac Name (Prohib):**	
Category:		**Fac Addr (Prohib):**	
No of Tanks:	4	**Fac City (Prohib):**	
Billable:	0	**Facility Name (Web):**	ELLCO INDUSTRIES INC
Abandoned:	4	**Facility Addr (Web):**	618 DRAYTON ST
Other:	0	**Facility City (Web):**	NEWBERRY
Last Inspection:		**Zip Code (Web):**	29127
Facility Name:	ELLCO INDUSTRIES INC	**County (Web):**	NEWBERRY
Facility Address:	618 DRAYTON ST	**Phone (Web):**	803-276-0320
Facility Zip:	29127	**Tank Owner Phone:**	803-583-7211
Facility Phone:	803-276-0320	**Land Owner Phone:**	
Facility State:	SC	**Operator Phone:**	
Facility City:	NEWBERRY	**Facility Contact:**	DANNY SCRUGGS
County Code:	36		
Business Address:	618 DRAYTON ST NEWBERRY SC 29127		
Tank Owner Business Address:	TRIANGLE ICE CO PO BOX 2848 SPARTANBURG SC 29304-2848		
Land Owner Business Address:	LITTLE RIVER CORP PO BOX 2188 GASTONIA NC 28053-2188		
Operator Business Address:			
Facility Link:	https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/06467		
Source:	DHEC Management Tracking UST 'C' List; DHEC Underground Storage Tank Registry (Web)		

Tank Information - UST Registry Search

Tank No:	2	**Chem:**	
Case No:		**Left Gal:**	0
Class:	N	**Owner at ABD:**	
Status:	Abandoned	**Last Use:**	12/1/1981

Capacity:	1000	***Aband:***	3/20/1995
Variance:		***Method:***	Removed
Product:	Gasoline	***Under Dispnr Cont:***	False
Overfill Type:		***Drop Tube:***	False
Verified:		***Tank Const:***	Steel
Constr Date:		***Tank Protect:***	
Operat Date:		***Tank Tested:***	
Notify:	7/13/1987	***Tank Cont Meth:***	Single wall
Spill Prevention:		***Pipe Cont Meth:***	Single wall
Compliance:		***Pipe Protect:***	
Comp Status:		***Pipe Tested:***	
Age at Notif:	25	***Pipe Const:***	
Dist to Well (ft):		***Piping Type:***	
Tank Leak Det:			
Pipe Leak Det:			

Tank No:	3	***Chem:***	
Case No:		***Left Gal:***	0
Class:	N	***Owner at ABD:***	
Status:	Abandoned	***Last Use:***	12/1/1981
Capacity:	560	***Aband:***	3/20/1995
Variance:		***Method:***	Removed
Product:	Gasoline	***Under Dispnr Cont:***	False
Overfill Type:		***Drop Tube:***	False
Verified:		***Tank Const:***	Steel
Constr Date:		***Tank Protect:***	
Operat Date:		***Tank Tested:***	
Notify:	7/13/1987	***Tank Cont Meth:***	Single wall
Spill Prevention:		***Pipe Cont Meth:***	Single wall
Compliance:		***Pipe Protect:***	
Comp Status:		***Pipe Tested:***	
Age at Notif:	25	***Pipe Const:***	
Dist to Well (ft):		***Piping Type:***	
Tank Leak Det:			
Pipe Leak Det:			

Tank No:	1	***Chem:***	
Case No:		***Left Gal:***	0
Class:	N	***Owner at ABD:***	
Status:	Abandoned	***Last Use:***	12/1/1981
Capacity:	10000	***Aband:***	3/20/1995
Variance:		***Method:***	Removed
Product:	Gasoline	***Under Dispnr Cont:***	False
Overfill Type:		***Drop Tube:***	False
Verified:		***Tank Const:***	Steel
Constr Date:		***Tank Protect:***	
Operat Date:		***Tank Tested:***	
Notify:	7/13/1987	***Tank Cont Meth:***	Single wall
Spill Prevention:		***Pipe Cont Meth:***	Single wall
Compliance:		***Pipe Protect:***	
Comp Status:		***Pipe Tested:***	
Age at Notif:	25	***Pipe Const:***	
Dist to Well (ft):		***Piping Type:***	
Tank Leak Det:			
Pipe Leak Det:			

Tank No:	5	***Chem:***	
Case No:		***Left Gal:***	
Class:	N	***Owner at ABD:***	
Status:	Abandoned	***Last Use:***	
Capacity:	2000	***Aband:***	9/19/2016
Variance:		***Method:***	Removed
Product:		***Under Dispnr Cont:***	
Overfill Type:		***Drop Tube:***	True
Verified:		***Tank Const:***	
Constr Date:		***Tank Protect:***	
Operat Date:		***Tank Tested:***	
Notify:	10/25/2016	***Tank Cont Meth:***	
Spill Prevention:		***Pipe Cont Meth:***	

Compliance:		**Pipe Protect:**	
Comp Status:		**Pipe Tested:**	
Age at Notif:	0	**Pipe Const:**	
Dist to Well (ft):		**Piping Type:**	
Tank Leak Det:			
Pipe Leak Det:			

Tank Information - UST 'C' List

Tank No:	1
Tank Owner:	TRIANGLE ICE CO
Tank Owner Contact:	DANNY SCRUGGS
Tank Owner Addr:	PO BOX 2848
Tank Owner City:	SPARTANBURG
Tank Owner State:	SC
Tank Owner Zip:	29304-2848
Tank Owner Phone:	803-583-7211
Capacity Gal:	10000
Age at Notif. Years:	25
Status Code:	ABD
Status:	Abandoned
Substance Code:	GN

Tank No:	2
Tank Owner:	TRIANGLE ICE CO
Tank Owner Contact:	DANNY SCRUGGS
Tank Owner Addr:	PO BOX 2848
Tank Owner City:	SPARTANBURG
Tank Owner State:	SC
Tank Owner Zip:	29304-2848
Tank Owner Phone:	803-583-7211
Capacity Gal:	1000
Age at Notif. Years:	25
Status Code:	ABD
Status:	Abandoned
Substance Code:	GN

Tank No:	3
Tank Owner:	TRIANGLE ICE CO
Tank Owner Contact:	DANNY SCRUGGS
Tank Owner Addr:	PO BOX 2848
Tank Owner City:	SPARTANBURG
Tank Owner State:	SC
Tank Owner Zip:	29304-2848
Tank Owner Phone:	803-583-7211
Capacity Gal:	560
Age at Notif. Years:	25
Status Code:	ABD
Status:	Abandoned
Substance Code:	GN

Tank No:	5
Tank Owner:	TRIANGLE ICE CO
Tank Owner Contact:	DANNY SCRUGGS
Tank Owner Addr:	PO BOX 2848
Tank Owner City:	SPARTANBURG
Tank Owner State:	SC
Tank Owner Zip:	29304-2848
Tank Owner Phone:	803-583-7211
Capacity Gal:	2000
Age at Notif. Years:	0
Status Code:	ABD
Status:	Abandoned
Substance Code:	

Tank Information - Financial Responsibility

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Financial Mechanism: None
Expiration Date:

1	3 of 8	ENE	0.17 / 921.45	484.67 / -6	ELLCO INDUSTRIES 618 DRAYTON ST NEWBERRY SC 29127	BROWNFIELDS

File No: 58279
Cont No: 16-6338-NRP"
Con Type Code: NRP: Non-Responsible Party
PCAS No: 6338
Status Code: COMP
Type Brownfield:
Acerage: 5.35
Work plan Due: 9/7/2016
Work plan Received: 8/9/2016
Work plan Reviewed: 9/2/2016
Work plan Approved:
IC Received: 4/22/2015
Person Company: THOMPSON GAS-SMOKIES LLC
Prim Bill Ind: No
Prim Address 1: 5260 WESTVIEW DR STE 200
Prim Address 2:
Prim City: FREDERICK
Prim State Code: MD
Prim Zip Code: 21703-8512
Contact: J RANDALL THOMPSON

Cap Approved:
Report Received: 2/22/2017
Report Reviewed:
Report Approved:
Contract Manager: BERENBROK MARK K
Contract Mailed: 6/15/2016
Contract Executed: 8/4/2016
Date Terminated:
COC Date Issued:
RC Executed:
County: Newberry

1	4 of 8	ENE	0.17 / 921.45	484.67 / -6	ELLCO INDUSTRIES 618 DRAYTON ST, NEWBERRY SC 29127 SC	SASPL

EPA ID: SCS123457664
County: NEWBERRY

1	5 of 8	ENE	0.17 / 921.45	484.67 / -6	ELLCO INDUSTRIES 618 DRAYTON ST NEWBERRY SC 29127	VCP

File No: 58279
Project Status Code: COMP
Restrict Filed Dt: Not yet recorded.
Project Complete Dt: Not yet completed.
Execute Date: 8/4/2016
Cleanup Contract Complete Dt:
Contamination on Site: Petroleum
Owner: THOMPSONGAS LLC
Land Use Restriction: We do not have enough information yet to determine whether restrictions will be required.

Latitude/Longitude: 34.26748434, -81.61825274
Brownfields Type:
Funds 128(A) Utilized: No
Resp Action Planned: No
Acreage: 5.35

1	6 of 8	ENE	0.17 / 921.45	484.67 / -6	ELLCO INDUSTRIES 618 DRAYTON ST NEWBERRY SC 29127	BROWNFIELDS

File No: 58279
Cont No: 16-6338-NRP"
Con Type Code: NRP: Non-Responsible Party
PCAS No: 6338
Status Code: COMP
Type Brownfield:
Acerage:
Work plan Due:
Work plan Received:
Work plan Reviewed:

Cap Approved:
Report Received:
Report Reviewed:
Report Approved:
Contract Manager: BERENBROK MARK K
Contract Mailed:
Contract Executed:
Date Terminated:
COC Date Issued: 8/16/2019
RC Executed: 7/22/2019

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Work plan Approved:
IC Received:
Person Company: THOMPSONGAS LLC
Prim Bill Ind: Yes
Prim Address 1: 5260 WESTVIEW DR STE 200
Prim Address 2:
Prim City: FREDERICK
Prim State Code: MD
Prim Zip Code: 21703
Contact: J RANDALL THOMPSON
County: Newberry

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	7 of 8	ENE	0.17 / 921.45	484.67 / -6	ELLCO INDUSTRIES 618 DRAYTON ST NEWBERRY SC 29127	BROWNFIELDS

File No: 58279
Cont No: 01-227-W (CA)"
Con Type Code: RP: Responsible Party
PCAS No: 6338
Status Code: COMP
Type Brownfield:
Acerage:
Work plan Due:
Work plan Received:
Work plan Reviewed:
Work plan Approved:
IC Received:
Person Company: ELLCO INDUSTRIES INC
Prim Bill Ind: No
Prim Address 1:
Prim Address 2:
Prim City:
Prim State Code:
Prim Zip Code:
Contact:
Cap Approved:
Report Received:
Report Reviewed:
Report Approved:
Contract Manager:
Contract Mailed:
Contract Executed:
Date Terminated:
COC Date Issued:
RC Executed:
County: Newberry

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	8 of 8	ENE	0.17 / 921.45	484.67 / -6	ELLCO INDUSTRIES 618 DRAYTON ST NEWBERRY SC 29127	BROWNFIELDS

File No: 58279
Cont No: 01-227-W (CA AMEND)"
Con Type Code: RP: Responsible Party
PCAS No: 6338
Status Code: COMP
Type Brownfield:
Acerage:
Work plan Due:
Work plan Received:
Work plan Reviewed:
Work plan Approved:
IC Received:
Person Company:
Prim Bill Ind:
Prim Address 1:
Prim Address 2:
Prim City:
Prim State Code:
Prim Zip Code:
Contact:
Cap Approved:
Report Received:
Report Reviewed:
Report Approved:
Contract Manager:
Contract Mailed:
Contract Executed:
Date Terminated:
COC Date Issued:
RC Executed:
County: Newberry

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	1 of 2	WNW	0.25 / 1,314.10	470.57 / -20	QUALITY CONTRACTING OF NEWBERRY	UST

524 O'NEAL ST
NEWBERRY SC 29108

Site ID:	016843	***Facility ID (Prohib):***	
Permit:	U 16843	***Fac Name (Prohib):***	
Category:	Pre-1974 Facility	***Fac Addr (Prohib):***	
No of Tanks:	4	***Fac City (Prohib):***	
Billable:	0	***Facility Name (Web):***	QUALITY CONTRACTING OF NEWBERRY
Abandoned:	0	***Facility Addr (Web):***	524 O'NEAL ST
Other:	4	***Facility City (Web):***	NEWBERRY
Last Inspection:		***Zip Code (Web):***	29108
Facility Name:	QUALITY CONTRACTING OF NEWBERRY	***County (Web):***	NEWBERRY
Facility Address:	524 O'NEAL ST	***Phone (Web):***	
Facility Zip:	29108	***Tank Owner Phone:***	803-276-4665
Facility Phone:		***Land Owner Phone:***	803-276-4665
Facility State:	SC	***Operator Phone:***	
Facility City:	NEWBERRY	***Facility Contact:***	
County Code:	36		

Business Address: 524 O'NEAL ST
NEWBERRY SC 29108

Tank Owner Business Address: HOLSONBACK, G FRANK
1272 MT BETHEL GARMANY RD
NEWBERRY SC 29108

Land Owner Business Address: HOLSONBACK, G FRANK
1272 MT BETHEL GARMANY RD
NEWBERRY SC 29108

Operator Business Address:

Facility Link: https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/16843

Source: DHEC Management Tracking UST 'C' List; DHEC Underground Storage Tank Registry (Web)

Tank Information - UST Registry Search

Tank No:	3	***Chem:***	
Case No:		***Left Gal:***	
Class:	U	***Owner at ABD:***	
Status:	Last used before 1974 and empty	***Last Use:***	
Capacity:		***Aband:***	
Variance:		***Method:***	
Product:	Gasoline	***Under Dispnr Cont:***	False
Overfill Type:		***Drop Tube:***	False
Verified:		***Tank Const:***	
Constr Date:		***Tank Protect:***	
Operat Date:		***Tank Tested:***	
Notify:	10/31/1994	***Tank Cont Meth:***	
Spill Prevention:		***Pipe Cont Meth:***	
Compliance:		***Pipe Protect:***	
Comp Status:		***Pipe Tested:***	
Age at Notif:	0	***Pipe Const:***	
Dist to Well (ft):		***Piping Type:***	
Tank Leak Det:			
Pipe Leak Det:			

Tank No:	2	***Chem:***	
Case No:		***Left Gal:***	
Class:	U	***Owner at ABD:***	
Status:	Last used before 1974 and empty	***Last Use:***	
Capacity:		***Aband:***	
Variance:		***Method:***	
Product:	Gasoline	***Under Dispnr Cont:***	False
Overfill Type:		***Drop Tube:***	False
Verified:		***Tank Const:***	
Constr Date:		***Tank Protect:***	
Operat Date:		***Tank Tested:***	
Notify:	10/31/1994	***Tank Cont Meth:***	
Spill Prevention:		***Pipe Cont Meth:***	
Compliance:		***Pipe Protect:***	
Comp Status:		***Pipe Tested:***	
Age at Notif:	0	***Pipe Const:***	

Dist to Well (ft):		***Piping Type:***	
Tank Leak Det:			
Pipe Leak Det:			
Tank No:	4	***Chem:***	
Case No:		***Left Gal:***	
Class:	U	***Owner at ABD:***	
Status:	Last used before 1974 and empty	***Last Use:***	
Capacity:		***Aband:***	
Variance:		***Method:***	
Product:	Diesel fuel	***Under Dispnr Cont:***	False
Overfill Type:		***Drop Tube:***	False
Verified:		***Tank Const:***	
Constr Date:		***Tank Protect:***	
Operat Date:		***Tank Tested:***	
Notify:	10/31/1994	***Tank Cont Meth:***	
Spill Prevention:		***Pipe Cont Meth:***	
Compliance:		***Pipe Protect:***	
Comp Status:		***Pipe Tested:***	
Age at Notif:	0	***Pipe Const:***	
Dist to Well (ft):		***Piping Type:***	
Tank Leak Det:			
Pipe Leak Det:			
Tank No:	1	***Chem:***	
Case No:		***Left Gal:***	
Class:	U	***Owner at ABD:***	
Status:	Last used before 1974 and empty	***Last Use:***	
Capacity:		***Aband:***	
Variance:		***Method:***	
Product:	Gasoline	***Under Dispnr Cont:***	False
Overfill Type:		***Drop Tube:***	False
Verified:		***Tank Const:***	
Constr Date:		***Tank Protect:***	
Operat Date:		***Tank Tested:***	
Notify:	10/31/1994	***Tank Cont Meth:***	
Spill Prevention:		***Pipe Cont Meth:***	
Compliance:		***Pipe Protect:***	
Comp Status:		***Pipe Tested:***	
Age at Notif:	0	***Pipe Const:***	
Dist to Well (ft):		***Piping Type:***	
Tank Leak Det:			
Pipe Leak Det:			

Tank Information - UST 'C' List

Tank No:	1
Tank Owner:	HOLSONBACK
Tank Owner Contact:	
Tank Owner Addr:	1272 MT BETHEL GARMANY RD
Tank Owner City:	NEWBERRY
Tank Owner State:	SC
Tank Owner Zip:	29108
Tank Owner Phone:	803-276-4665
Capacity Gal:	
Age at Notif. Years:	0
Status Code:	P74
Status:	Pre-74
Substance Code:	GN
Tank No:	3
Tank Owner:	HOLSONBACK
Tank Owner Contact:	
Tank Owner Addr:	1272 MT BETHEL GARMANY RD
Tank Owner City:	NEWBERRY
Tank Owner State:	SC
Tank Owner Zip:	29108
Tank Owner Phone:	803-276-4665

Capacity Gal:	
Age at Notif. Years:	0
Status Code:	P74
Status:	Pre-74
Substance Code:	GN
Tank No:	2
Tank Owner:	HOLSONBACK
Tank Owner Contact:	
Tank Owner Addr:	1272 MT BETHEL GARMANY RD
Tank Owner City:	NEWBERRY
Tank Owner State:	SC
Tank Owner Zip:	29108
Tank Owner Phone:	803-276-4665
Capacity Gal:	
Age at Notif. Years:	0
Status Code:	P74
Status:	Pre-74
Substance Code:	GN
Tank No:	4
Tank Owner:	HOLSONBACK
Tank Owner Contact:	
Tank Owner Addr:	1272 MT BETHEL GARMANY RD
Tank Owner City:	NEWBERRY
Tank Owner State:	SC
Tank Owner Zip:	29108
Tank Owner Phone:	803-276-4665
Capacity Gal:	
Age at Notif. Years:	0
Status Code:	P74
Status:	Pre-74
Substance Code:	DL

2	**2 of 2**	**WNW**	**0.25 / 1,314.10**	**470.57 / -20**	**QUALITY CONTRACTING OF NEWBERRY 524 O'NEAL ST NEWBERRY SC 29108**	**LUST**

Site ID:	016843	**Site No (EFIS):**	
Permit:	U 16843	**Facility Name (EFIS):**	
Category:	Pre-1974 Facility	**Fac Address (EFIS):**	
No of Tanks:	4	**Facility City (EFIS):**	
Billable:	0	**Facility State (EFIS):**	
Abandoned:	0	**Facility Zip (EFIS):**	
Other:	4	**Facility (Web):**	QUALITY CONTRACTING OF NEWBERRY
Last Inspection:		**Address (Web):**	524 O'NEAL ST
Facility:	QUALITY CONTRACTING OF NEWBERRY	**City (Web):**	NEWBERRY
Facility Street:	524 O'NEAL ST	**Zip Code (Web):**	29108
Facilit City:	NEWBERRY	**County (Web):**	NEWBERRY
Facility State :	SC	**Phone (Web):**	
Facility Zip:	29108	**Tank Owner Phone:**	803-276-4665
County Code:	36	**Land Owner Phone:**	803-276-4665
Fac County:	Newberry	**Operator Phone:**	

Business Address:	524 O'NEAL ST NEWBERRY SC 29108
Tank Owner Business Addr:	HOLSONBACK, G FRANK 1272 MT BETHEL GARMANY RD NEWBERRY SC 29108
Land Owner Business Addr:	HOLSONBACK, G FRANK 1272 MT BETHEL GARMANY RD NEWBERRY SC 29108
Operator Business Addr:	
Facility Link:	https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/16843
Data Source:	DHEC Online Registry - Releases (Web); DHEC Confirmed Release Report (LUST)

DHEC Online Registry - Release Report

Release No:	1
Project Manager:	BERENBROK, MARK K
Reported:	9/22/2003
Confirmed:	11/7/2003
RBCA/ Score:	/
Product:	Petroleum
Compliance Req:	False
NFA:	1/12/2004
Fin Type:	
Fin Res Mechanism:	NONE
Abatement Met:	11/7/2003
Cleanup Initiated:	11/7/2003
Cleanup Complete:	1/12/2004
Cleanup MCL:	
Compliance Date:	
Compliance Met:	False
Emergency Resp:	
Responsible Party:	HOLSONBACK, G FRANK
Superb Determ Date:	
Superb Qualified:	
Transferred:	
Source:	UST

DHEC Confirmed Release Report

Release No:	1	**Confirmed:**	11/07/03
NFA:	01/12/04	**Tank Owner:**	HOLSONBACK, G
Product:	PETROL	**Status Desc:**	
Proj Mgr:	BERENBMK	**Score:**	
Reported:	09/22/03	**Rank:**	
Rank Desc:			

3	*1 of 1*	*N*	*0.31 / 1,629.34*	*501.68 / 11*	***NEWBERRY COTTON MILLS ONEAL AT TARRNAT ST S, NEWBERRY SC 29108 SC***	***SASPL***

EPA ID:	SCS123457123	**County:**	NEWBERRY

4	*1 of 1*	*NNW*	*0.33 / 1,762.27*	*500.01 / 10*	***SC EMPLOYMENT SECURITY COMM 800 MAIN ST NEWBERRY SC***	***DELISTED LST***

Delisted Leaking Above Ground Storage Tanks Details

Site ID:	17523
Release No:	1
Project Manager:	LANDMEYER DOLORES C
Status:	CLOSED
Impacted Code:	NO
Type:	
Release Date:	8/9/1996
Confirmed:	
NFA Dt:	6/24/1997
Transfer:	
Product:	PETRO
Source:	
Tier:	
Truncated Note:	
Soil Impact Code:	
User Name:	LANDMEDC

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Release Xfer Date:	
Suspect NFA Date:	6/24/1997
Release Source Code:	
Cleanup Complete Dt:	
Local Fac Last Name:	SC EMPLOYMENT SECURITY COMM
Local Fac First Name:	
Address 2:	
State Code:	SC
County:	Newberry
Zip Code:	292
Local Fac County:	36
District Code:	5
Rp Identifier 1:	SC EMPLYMENT SECURITY COMM
Rp Identifier 2:	
Product 2:	
Product 3:	
Product 4:	
Source 2:	
Source 3:	
Source 4:	
Original Source:	LAST
Record Date:	02-DEC-2019

5	1 of 1	NNE	0.42 / 2,243.73	489.43 / -1	CRICKET 3842 922 NANCE ST NEWBERRY SC 29108	LUST

Site ID:	006547	**Site No (EFIS):**	UST-06547
Permit:	R 06547	**Facility Name (EFIS):**	CRICKET 3842
Category:	Retail Sales	**Fac Address (EFIS):**	922 NANCE ST
No of Tanks:	4	**Facility City (EFIS):**	NEWBERRY
Billable:	4	**Facility State (EFIS):**	SC
Abandoned:	0	**Facility Zip (EFIS):**	29108
Other:	0	**Facility (Web):**	CRICKET 3842
Last Inspection:	2/7/2023	**Address (Web):**	922 NANCE ST
Facility:	CRICKET 3842	**City (Web):**	NEWBERRY
Facility Street:	922 NANCE ST	**Zip Code (Web):**	29108
Facilit City:	NEWBERRY	**County (Web):**	NEWBERRY
Facility State :	SC	**Phone (Web):**	803-276-1626
Facility Zip:	29108	**Tank Owner Phone:**	804-730-1568
County Code:	36	**Land Owner Phone:**	800-868-7569
Fac County:	Newberry	**Operator Phone:**	804-730-1568

Business Address:	922 NANCE ST NEWBERRY SC 29108
Tank Owner Business Addr:	GPM SOUTHEAST LLC 8565 MAGELLAN PKWY STE 400 RICHMOND VA 23227
Land Owner Business Addr:	STOCKMAN OIL TWO INC 1138 REYNOLDS AVE GREENWOOD SC 29646
Operator Business Addr:	GPM SOUTHEAST LLC 8565 MAGELLAN PKWY STE 400 RICHMOND VA 23227
Facility Link:	https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/06547
Data Source:	DHEC Online Registry - Releases (Web); DHEC Confirmed Release Report (LUST); DHEC LUST Data (EFIS)

DHEC Online Registry - Release Report

Release No:	1
Project Manager:	GRIFFITH, ZACHARY A
Reported:	9/13/1989
Confirmed:	10/23/1989
RBCA/ Score:	3BA - Free product > 0.01 foot thick / 300100
Product:	
Compliance Req:	False
NFA:	
Fin Type:	With SUPERB

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Fin Res Mechanism:	
Abatement Met:	10/28/1993
Cleanup Initiated:	6/21/1991
Cleanup Complete:	
Cleanup MCL:	
Compliance Date:	
Compliance Met:	False
Emergency Resp:	
Responsible Party:	CROWN CENTRAL LLC
Superb Determ Date:	
Superb Qualified:	
Transferred:	
Source:	UST

DHEC Confirmed Release Report

Release No:	1	**Confirmed:**	10/23/89
NFA:		**Tank Owner:**	GPM SOUTHEAST LLC
Product:	PETRO	**Status Desc:**	Conducting Investigation/Risk Assessment
Proj Mgr:	GRIFFIZA	**Score:**	300100
Reported:	09/13/89	**Rank:**	3BA 1
Rank Desc:	Free product > 0.01 foot thick		

DHEC EFIS Data Details

Release No:	1
Release Date:	9/13/1989
Project Mgr:	WS
Confirmed Date:	10/23/1989
Cleanup Comp Date:	
Cleanup Comp Mcl Dt:	
RP Name:	CROWN CENTRAL LLC
RP Address:	1 N CHARLES ST STE 107
RP City:	BALTIMORE
RP State:	MD
RP Zip:	21201-3759
SSTL Estab Cd:	
SCRBCA Class Cd:	CLASS3BA
Depth to GW:	10
GW Flow Dir Cod:	NW
Receptor Type Cd:	KNIGHT, B T
Rel Fin Type Cd:	
CoC Concentrate Cd:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	1 of 2	N	0.43 / 2,260.28	487.38 / -3	NANCE ST BP 1004 NANCE ST NEWBERRY SC 29108	LUST

Site ID:	006568	**Site No (EFIS):**	UST-06568
Permit:	P 06568	**Facility Name (EFIS):**	NANCE ST BP
Category:	Retail Sales	**Fac Address (EFIS):**	1004 NANCE ST
No of Tanks:	10	**Facility City (EFIS):**	NEWBERRY
Billable:	0	**Facility State (EFIS):**	SC
Abandoned:	10	**Facility Zip (EFIS):**	29108
Other:	0	**Facility (Web):**	NANCE ST BP
Last Inspection:	5/5/2004	**Address (Web):**	1004 NANCE ST
Facility:	NANCE ST BP	**City (Web):**	NEWBERRY
Facility Street:	1004 NANCE ST	**Zip Code (Web):**	29108
Facilit City:	NEWBERRY	**County (Web):**	NEWBERRY
Facility State :	SC	**Phone (Web):**	803-276-1704
Facility Zip:	29108	**Tank Owner Phone:**	803-276-3391
County Code:	36	**Land Owner Phone:**	
Fac County:	Newberry	**Operator Phone:**	
Business Address:	1004 NANCE ST NEWBERRY SC 29108		
Tank Owner Business Addr:	C D COLEMAN OIL CO		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

2613 WINNSBORO RD
NEWBERRY SC 29108-0128

Land Owner Business Addr:
Operator Business Addr:
Facility Link: https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/06568
Data Source: DHEC Online Registry - Releases (Web); DHEC Confirmed Release Report (LUST); DHEC LUST Data (EFIS)

DHEC Online Registry - Release Report

Release No: 1
Project Manager: PADGETT, JOEL P
Reported: 12/20/1991
Confirmed: 3/18/1992
RBCA/ Score: 4BC - GW < 15 feet in silt or clay / 1764
Product:
Compliance Req: False
NFA: 6/20/2013
Fin Type: With SUPERB
Fin Res Mechanism:
Abatement Met: 1/19/1993
Cleanup Initiated: 2/26/1993
Cleanup Complete:
Cleanup MCL: 6/20/2013
Compliance Date:
Compliance Met: False
Emergency Resp:
Responsible Party: C D COLEMAN OIL CO
Superb Determ Date:
Superb Qualified:
Transferred:
Source: UST

DHEC Confirmed Release Report

Release No: 1
NFA: 06/20/13
Product: PETRO
Proj Mgr: PADGETJP
Reported: 12/20/91
Rank Desc: GW < 15 feet in silt or clay
Confirmed: 03/18/92
Tank Owner: C D COLEMAN OIL CO
Status Desc: Monitored Natural Attenuation
Score: 1764
Rank: 4BC 3

DHEC EFIS Data Details

Release No: 1
Release Date: 12/20/1991
Project Mgr: WS
Confirmed Date: 3/18/1992
Cleanup Comp Date:
Cleanup Comp Mcl Dt: 6/20/2013
RP Name: C D COLEMAN OIL CO
RP Address: 2613 WINNSBORO RD
RP City: NEWBERRY
RP State: SC
RP Zip: 29108-0128
SSTL Estab Cd: MR
SCRBCA Class Cd: CLASS4BC
Depth to GW: 11
GW Flow Dir Cod: NW
Receptor Type Cd: PADGETT, JOEL P
Rel Fin Type Cd: DEPT
CoC Concentrate Cd:

6	*2 of 2*	*N*	*0.43 / 2,260.28*	*487.38 / -3*	*NANCE ST BP 1004 NANCE ST*	*RCR*

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					NEWBERRY SC 29108	

Site ID:	06568
REL:	1
Tax Map ID:	343-5-14-4
Reported:	12/20/91
CU>MCL:	06/20/13
Latitude:	34.27267
Longitude:	-81.62011

7	1 of 1	N	0.49 / 2,579.99	474.52 / -16	C T SUMMER INC FORMER CARQUEST 929 MAIN ST NEWBERRY SC	LUST

Site ID:	017083	**Site No (EFIS):**	
Permit:	N 17083	**Facility Name (EFIS):**	
Category:		**Fac Address (EFIS):**	
No of Tanks:	0	**Facility City (EFIS):**	
Billable:	0	**Facility State (EFIS):**	
Abandoned:	0	**Facility Zip (EFIS):**	
Other:	0	**Facility (Web):**	C T SUMMER INC FORMER CARQUEST
Last Inspection:		**Address (Web):**	929 MAIN ST
Facility:		**City (Web):**	NEWBERRY
Facility Street:		**Zip Code (Web):**	29108
Facilit City:		**County (Web):**	NEWBERRY
Facility State :		**Phone (Web):**	
Facility Zip:		**Tank Owner Phone:**	803-276-2779
County Code:	36	**Land Owner Phone:**	
Fac County:		**Operator Phone:**	

Business Address:	929 MAIN ST NEWBERRY SC 29108
Tank Owner Business Addr:	C T SUMMER INC 11401 HWY 121 NEWBERRY SC 29108-0418
Land Owner Business Addr:	
Operator Business Addr:	
Facility Link:	https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/17083
Data Source:	DHEC Online Registry - Releases (Web)

DHEC Online Registry - Release Report

Release No:	0
Project Manager:	ELAM, JULIE M
Reported:	5/31/1995
Confirmed:	
RBCA/ Score:	/
Product:	
Compliance Req:	False
NFA:	6/28/1996
Fin Type:	
Fin Res Mechanism:	
Abatement Met:	
Cleanup Initiated:	
Cleanup Complete:	
Cleanup MCL:	
Compliance Date:	
Compliance Met:	False
Emergency Resp:	
Responsible Party:	
Superb Determ Date:	
Superb Qualified:	
Transferred:	
Source:	

Unplottable Summary

Total: 20 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
DELISTED LST	NEWBERRY REPAIR SHOP	HWY 34 BYPASS	NEWBERRY SC		836805475
DELISTED LST	PROPOSED NEWBERRY MIDDLE SCHOOL	OLD ONEAL ST	NEWBERRY SC		875011396
DELISTED LST	LONGSHORE & SONS TURKEY FARM	JEFFERSON RD	SILVERSTREET SC		875015490
DELISTED LST	INTERNATIONAL PAPER SILVERSTREET CHIP MILL	OFF HWY 34	SILVERSTREET SC		875011088
DELISTED LST	ISE NEWBERRY INC	SC HWY 34	NEWBERRY SC		875012811
DELISTED LST	INTERNATIONAL PAPER LITTLE RIVER CHIP MILL	OFF HWY 34	SC		875012042
FINDS/FRS	NEWBERRY REPAIR SHOP	HWY 34 BYPASS ***Registry ID:*** 110017104024	NEWBERRY SC	29108	817037241
FINDS/FRS	CHAMPION SEED ORCHARD	SC STATE HWY 34 ***Registry ID:*** 110008564623	SILVERSTREET SC	29145	815796801
FINDS/FRS	BOUNDARY ST GROCERY	BOUNDARY ST ***Registry ID:*** 110017103560	NEWBERRY SC	29108	817033740
FINDS/FRS	TRANSMISSION DEPT	HWY 34 ***Registry ID:*** 110017103409	NEWBERRY SC	29355	817041771
HMIRS		HWY 34	NEWBERRY SC		818108329

LUST	TRANSMISSION DEPT	HWY 34 ***Permit:*** N 06484 ***NFA:*** 4/23/1993	NEWBERRY SC		836804497
LUST	NEWBERRY REPAIR SHOP	HWY 34 BYPASS ***Permit:*** N 06461 ***NFA:*** 8/30/1994	NEWBERRY SC		874998110
RCRA NON GEN	CHAMPION BUILDING PRODUCTS	OFF HWY #34 WEST ***EPA Handler ID:*** SCD077991297	SILVERSTREET SC	29145	810443291
RCRA NON GEN	CHAMPION SEED ORCHARD	SC STATE HWY 34 ***EPA Handler ID:*** SCD982114936	SILVERSTREET SC	29145	810439476
SPILLS	UST	KIRKLAND RECEPTION AND EVALUATION CENTER ***Incident No:*** 200000628	COLUMBIA SC		820389683
SPILLS		HWY 34 ***Incident No:*** 201102817	NEWBERRY SC		820399195
UST	NEWBERRY REPAIR SHOP	HWY 34 BYPASS ***Tank No | Status:*** 3 | Abandoned, 2 | Abandoned	NEWBERRY SC	29108	820421857
UST	TRANSMISSION DEPT	HWY 34 ***Tank No | Status:*** 1 | Abandoned	NEWBERRY SC	29108	820415115
UST	BOUNDARY ST GROCERY	BOUNDARY ST ***Tank No | Status:*** 2 | Abandoned, 1 | Abandoned	NEWBERRY SC	29108	820415448

Unplottable Report

Site: ***NEWBERRY REPAIR SHOP***
HWY 34 BYPASS NEWBERRY SC

DELISTED LST

Delisted Leaking Underground Storage Tanks

Permit:	N 06461
Site No:	06461
Facility Link:	http://www.scdhec.gov/Apps/Environment/USTRegistry/Registry/Details/06461
Facility FOI:	
Facility St FOI:	
Fac Street FOI:	
Facility City FOI:	
Fac County FOI:	
Facility Zip FOI:	
Site No (EFIS):	
Facil Name (EFIS):	
Facil Address (EFIS):	
Facil City (EFIS):	
Facil State (EFIS):	
Facil Zip (EFIS):	
Abandoned:	2
Billable:	0
Category:	State Government
Other:	0
Phone:	
Last Inspection:	
Business Address:	HWY 34 BYPASS NEWBERRY SC 29108
No of Tanks:	2
Tank Owner Phone:	803-896-8800
Tank Owner Business Addr:	SC FORESTRY COMMISSION 5500 BROAD RIVER RD COLUMBIA SC 29220
Land Owner Business Addr:	
Land Owner Phone:	
Operator Business Addr:	
Operator Phone:	
Search County:	NEWBERRY
County Code:	36
Data Source:	DHEC Online Registry - Release Report
Original Source:	LUST
Record Date:	16-JUL-2018

Site: ***PROPOSED NEWBERRY MIDDLE SCHOOL***
OLD ONEAL ST NEWBERRY SC

DELISTED LST

Delisted Leaking Above Ground Storage Tanks Details

Site ID:	17526
Release No:	1
Project Manager:	BUCKLIN CHRISTINE F
Status:	
Impacted Code:	NO
Type:	
Release Date:	
Confirmed:	
NFA Dt:	12/4/1996

Transfer:	
Product:	
Source:	
Tier:	
Truncated Note:	
Soil Impact Code:	
User Name:	BUCKLICF
Release Xfer Date:	
Suspect NFA Date:	12/4/1996
Release Source Code:	
Cleanup Complete Dt:	
Local Fac Last Name:	PROPOSED NEWBERRY MIDDLE SCHOOL
Local Fac First Name:	
Address 2:	
State Code:	SC
County:	Newberry
Zip Code:	29108
Local Fac County:	36
District Code:	5
Rp Identifier 1:	NEWBERRY SCHOOL DISTRICT
Rp Identifier 2:	
Product 2:	
Product 3:	
Product 4:	
Source 2:	
Source 3:	
Source 4:	
Original Source:	LAST
Record Date:	02-DEC-2019

Site: ***LONGSHORE & SONS TURKEY FARM***
JEFFERSON RD SILVERSTREET SC

DELISTED LST

Delisted Leaking Above Ground Storage Tanks Details

Site ID:	4587
Release No:	1
Project Manager:	WRIGHT JOHN
Status:	CLOSED
Impacted Code:	NO
Type:	
Release Date:	9/9/2010
Confirmed:	
NFA Dt:	8/9/2010
Transfer:	
Product:	
Source:	
Tier:	
Truncated Note:	
Soil Impact Code:	
User Name:	WRIGHTJW
Release Xfer Date:	
Suspect NFA Date:	8/9/2010
Release Source Code:	
Cleanup Complete Dt:	
Local Fac Last Name:	LONGSHORE & SONS TURKEY FARM
Local Fac First Name:	
Address 2:	
State Code:	SC
County:	Newberry
Zip Code:	
Local Fac County:	36
District Code:	5
Rp Identifier 1:	LONGSHORE
Rp Identifier 2:	THOMAS
Product 2:	
Product 3:	
Product 4:	

Source 2:	
Source 3:	
Source 4:	
Original Source:	LAST
Record Date:	02-DEC-2019

Site: ***INTERNATIONAL PAPER SILVERSTREET CHIP MILL***
OFF HWY 34 SILVERSTREET SC

DELISTED LST

Delisted Leaking Above Ground Storage Tanks Details

Site ID:	2587
Release No:	1
Project Manager:	FORREST CHRIS M
Status:	NFA
Impacted Code:	NO
Type:	
Release Date:	4/14/2004
Confirmed:	
NFA Dt:	4/10/2009
Transfer:	
Product:	
Source:	
Tier:	
Truncated Note:	
Soil Impact Code:	
User Name:	FORRESCM
Release Xfer Date:	
Suspect NFA Date:	4/10/2009
Release Source Code:	
Cleanup Complete Dt:	
Local Fac Last Name:	INTERNATIONAL PAPER SILVERSTREET CHIP MILL
Local Fac First Name:	
Address 2:	
State Code:	SC
County:	Newberry
Zip Code:	
Local Fac County:	36
District Code:	5
Rp Identifier 1:	INTERNATIONAL PAPER COMPANY
Rp Identifier 2:	
Product 2:	
Product 3:	
Product 4:	
Source 2:	
Source 3:	
Source 4:	
Original Source:	LAST
Record Date:	02-DEC-2019

Site: ***ISE NEWBERRY INC***
SC HWY 34 NEWBERRY SC

DELISTED LST

Delisted Leaking Above Ground Storage Tanks Details

Site ID:	861
Release No:	1
Project Manager:	FORREST CHRIS M
Status:	
Impacted Code:	NO
Type:	
Release Date:	8/23/1996
Confirmed:	
NFA Dt:	
Transfer:	

Product:	
Source:	
Tier:	
Truncated Note:	
Soil Impact Code:	
User Name:	FORRESCM
Release Xfer Date:	
Suspect NFA Date:	
Release Source Code:	
Cleanup Complete Dt:	
Local Fac Last Name:	ISE NEWBERRY INC
Local Fac First Name:	
Address 2:	
State Code:	SC
County:	Newberry
Zip Code:	
Local Fac County:	36
District Code:	5
Rp Identifier 1:	WICKER
Rp Identifier 2:	DOUG
Product 2:	
Product 3:	
Product 4:	
Source 2:	
Source 3:	
Source 4:	
Original Source:	LAST
Record Date:	02-DEC-2019

Site: ***INTERNATIONAL PAPER LITTLE RIVER CHIP MILL***
OFF HWY 34 SC

DELISTED LST

Delisted Leaking Above Ground Storage Tanks Details

Site ID:	2924
Release No:	1
Project Manager:	FORREST CHRIS M
Status:	CLOSED
Impacted Code:	NO
Type:	
Release Date:	4/27/2005
Confirmed:	
NFA Dt:	4/28/2005
Transfer:	
Product:	
Source:	
Tier:	
Truncated Note:	
Soil Impact Code:	
User Name:	FORRESCM
Release Xfer Date:	
Suspect NFA Date:	4/28/2005
Release Source Code:	
Cleanup Complete Dt:	
Local Fac Last Name:	INTERNATIONAL PAPER LITTLE RIVER CHIP MILL
Local Fac First Name:	
Address 2:	
State Code:	SC
County:	Newberry
Zip Code:	
Local Fac County:	36
District Code:	5
Rp Identifier 1:	INTERNATIONAL PAPER
Rp Identifier 2:	
Product 2:	
Product 3:	
Product 4:	
Source 2:	

Source 3:
Source 4:
Original Source: LAST
Record Date: 02-DEC-2019

Site: ***NEWBERRY REPAIR SHOP***
HWY 34 BYPASS NEWBERRY SC 29108

FINDS/FRS

Registry ID: 110017104024
FIPS Code: 45071
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 10-MAR-04
Update Date: 06-APR-05
Interest Types: STATE MASTER
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No:
Census Block Code:
EPA Region Code: 04
County Name: NEWBERRY
US/Mexico Border Ind:
Latitude:
Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110017104024
Data Source: Facility Registry Service - Single File
Program Acronyms:

SC-EFIS:SC0000075877

Site: ***CHAMPION SEED ORCHARD***
SC STATE HWY 34 SILVERSTREET SC 29145

FINDS/FRS

Registry ID: 110008564623
FIPS Code: 45071
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 01-MAR-00
Update Date: 09-AUG-10
Interest Types: UNSPECIFIED UNIVERSE
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No:
Census Block Code:

EPA Region Code:	04
County Name:	NEWBERRY
US/Mexico Border Ind:	
Latitude:	
Longitude:	
Reference Point:	
Coord Collection Method:	
Accuracy Value:	
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110008564623
Data Source:	Facility Registry Service - Single File
Program Acronyms:	

RCRAINFO:SCD982114936

Site: ***BOUNDARY ST GROCERY***
BOUNDARY ST NEWBERRY SC 29108

FINDS/FRS

Registry ID:	110017103560
FIPS Code:	45071
HUC Code:	
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	10-MAR-04
Update Date:	
Interest Types:	STATE MASTER
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No:	
Census Block Code:	
EPA Region Code:	04
County Name:	NEWBERRY
US/Mexico Border Ind:	
Latitude:	
Longitude:	
Reference Point:	
Coord Collection Method:	
Accuracy Value:	
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110017103560
Data Source:	Facility Registry Service - Single File
Program Acronyms:	

SC-EFIS:SC0000075740

Site: ***TRANSMISSION DEPT***
HWY 34 NEWBERRY SC 29355

FINDS/FRS

Registry ID:	110017103409
FIPS Code:	
HUC Code:	
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	10-MAR-04
Update Date:	29-DEC-14

Interest Types:	STATE MASTER
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No:	
Census Block Code:	
EPA Region Code:	04
County Name:	NEWBERRY
US/Mexico Border Ind:	
Latitude:	
Longitude:	
Reference Point:	
Coord Collection Method:	
Accuracy Value:	
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110017103409
Data Source:	Facility Registry Service - Single File
Program Acronyms:	

SC-EFIS:SC0000075853

Site:

HWY 34 NEWBERRY SC HMIRS

Incident County: NEWBERRY

HMIR Incident Reports

Report No:	I-1999030646	***Fed DOT Agency Nm:***	
Report Type:	A hazardous material incident	***Fed DOT Report No:***	
Date of Incident:	1999-02-22	***Report Submit Src:***	Paper
Time of Incident:	1500	***Inc Multiple Rows:***	No
Haz Class Code:		***Inc Non US State:***	
Hazardous Class:	3	***Mode Transport:***	Highway
Commodity Short Nm:	FLAMMABLE LIQUIDS, N.O.S.	***Transport Phase:***	In Transit
Commodity Long Nm:	FLAMMABLE LIQUIDS, N.O.S.	***Incident Occrrnce:***	
Trade Name:	XYLENE, TOLUENE	***Mat Ship Approval?:***	No
ID No:	UN1993	***Mat Ship Approv No:***	
Haz Waste Ind:	Yes	***Undecl Hazmat Ship?:***	No
Haz Waste EPA No:		***Packaging Type:***	Non-Bulk
HMIS Tox Inhalation?:	No	***Packing Group:***	
TIH Hazard Zone:		***Carrier Reporter:***	ADVANCED ENVIRONMENTL TECH SVC
Qty Released:	1	***CR Street Name:***	3191 W 9 MILE RD
Unit of Measure:	Liquid - Gallon	***CR City:***	PENSACOLA
What Failed:	103	***CR State:***	FL
What Failed Desc:	Basic Material	***CR Postal Code:***	32534
How Failed Code:	304	***CR Non US State:***	
How Failed Desc:	Cracked	***CR Fed DOT ID:***	0
Failure Cause Code:		***CR Hazmat Reg ID:***	
Failure Cause Desc:		***CR Country:***	US
Ident. Markings:		***Shipper Name:***	HENDRIX PAINT & BODY
Cont1 Pkging Type:		***Shipper Street Name:***	1622 B GEORGIA AVE
Cont1 Const Mat:		***Shipper City:***	NORTH AUGUSTA
Cont1 Head Type:		***Shipper State:***	SC
Cont1 Pkg Capacity:	55	***Shipper Postal:***	29841
C1 Capacity UOM:	LGA	***Shipper Non US St:***	
Cont1 Pkg Amt:	0	***Shipper Country:***	US
C1 Pkg Amt UOM:		***Shipper Waybill:***	
Cont1 Pkg No:	1	***Ship Hazmat Reg ID:***	
C1 Pkg NO Failed:	1	***Origin City:***	

Cont1 Pkg Mnfctr:	NOT REPORTED BY CARRIER	***Origin State:***	
Cont1 Pkg Mnfct Dt:	0-00-00 00:00:00	***Origin Postal:***	
Cont1 Pkg Serial NO:		***Origin Non US St:***	
C1 Pkg Last Test Dt:	0-00-00 00:00:00	***Origin Country:***	US
C1 Test Const Mat:		***Destination City:***	MORROW
C1 Pkg Dsign Pres.:	0	***Destination State:***	GEORGIA
C1 Dsign Press UOM:		***Destination Postal:***	30260
C1 Pkg Shell Thick:	0	***Destination Non US:***	
C1 Shell Thick UOM:		***Destination Country:***	US
C1 Head Thickness:	0	***Cont2 Package Type:***	
C1 Head Thick UOM:		***Cont2 Const Mat:***	
C1 Pkg Srvc Pres.:	0	***Cont2 Pkg Capacity:***	0
C1 Srvc Press UOM:		***Cont2 Capacity UOM:***	
C1 Valve/Device Fail?:	No	***Cont2 Pkg Amount:***	0
C1 Device Type:		***Cont2 Pkg Amt UOM:***	
C1 Device Mnfctr:		***Cont2 Pkg No:***	0
C1 Device Model:		***Cont2 Pkg No Failed:***	0
NRC No:			

RAM Pkg Category:		***Haz NonHosp Public:***	0
RAM Pkg Cert.:	FALSE	***Haz NonHosp Old:***	
RAM Pkg Cert. NBR:		***Tot Haz Non Hosp Inj:***	
RAM Nuclide S:		***Total Hazmat Injuries:***	0
RAM Transport Index:		***Evacuation Indicator:***	No
RAM UOM:		***Public Evacuated:***	0
RAM Activity Rpted:	0	***Employees Evac:***	0
RAM UOM Rpted:		***Total Evacuated:***	0
RAM Activity:	0	***Total Evacuation Hrs:***	0
RAM Activity UOM:		***Major Artery Closed:***	No
RAM Mat Safety:		***Mjr Artery Hrs Closed:***	0
Spillage Result:	Yes	***Material Involved:***	No
Fire Result:	No	***Estimated Speed:***	0
Explosion Result:	No	***Weather Conditions:***	
Water Sewer Result:	No	***Vehicle Overturn:***	No
Gas Dispersion:	No	***Vehicle Left Roadway:***	No
Environment Damage:	No	***Passenger Aircraft:***	No
No Release Result:	No	***Cargo Baggage:***	
Fire EMS Report:	No	***Ship Non Transport:***	No
Fire EMS EMS Report:		***Ship Air First Flight:***	No
Police Report:	No	***Ship Air Subflight:***	No
Police Report No:		***Ship Init Transport:***	No
In House Cleanup:	No	***Ship Phase Transfer:***	No
Other Cleanup:	No	***Contact Name:***	LINDA EVODA
Damage > 500:	No	***Contact Title:***	TECH SRVC REPRES
Material Loss:	0	***Contact Business:***	
Carrier Damage:	0	***Contact Street:***	
Property Damage:	0	***Contact City:***	
Response Cost:	0	***Contact State:***	
Remediation Cost:	350	***Contact Postal:***	
Damage Old Form:	0	***Contact Non US St:***	
Total Damages Amt:	350	***Contact Country:***	US
Hazmat Fatality:	No	***Inc. Report Prepared:***	
Haz Fatal Employees:	0	***HMIS Serious Incidnt:***	No
Haz Fatal Respndrs:	0	***HMIS Serious Fatality:***	No
Haz Fatal Gen Public:	0	***HMIS Serious Injury:***	No
Tot Hazmat Fatalities:	0	***HMIS Flight Plan:***	No
Non Hazmat Fatality:	No	***HMIS Serious Evacs:***	No
Non Hazmat Fatals:	0	***HMIS Major Artery:***	No
Hazmat Injury:	No	***HMIS Bulk Release:***	No
Haz Hospital Empl:	0	***HMIS Marine Pollutnt:***	No
Haz Hospital Resp:	0	***HMIS Radioactive:***	No
Haz Hosp Gen Public:	0	***HMIS Gen Pkg Type:***	DRUM METAL
Haz Hosp Old Form:	0	***HMIS Container Code:***	1A2
Total Haz Hosp Inj:	0	***HMIS Container Desc:***	Removable head steel drum
Haz Non Hosp Empl:	0	***HMIS Bulk Incident:***	No
Haz Non Hosp Resp:	0	***Undeclared Shipment:***	No

Description of Events: EMPLOYEE STOPPED TO MAKE A PHONE CALL TO OFFICE FOR DIRECTIONS TO THE NEXT DRUM PICK-UP LOCATION. HE LOOKED BACK AT THE TRUCK AND SAW MATERIAL LEAKING OUT OF THE REAR OF THE TRUCK. EMPLOYEE DONNED PPE (RESPIRATOR, TYVEK, ETC) AND OPENED TRUCK DOORS FOR INSPECTION. UPON DETERMINING WHICH DRUM WAS LEAKING AND WHAT IT CONTAINED, EMPLOYEE USED DIRECTIONS IN ERG #128 TO PROPERLY CONTAIN AND CLEAN UP SPILL. EMPLOYEE THEN

CALLED PROPER MANAGEMENT TO REQUEIST HEKP IN OVER PACKING THE LEAKING DRUM. WHEN ASSISTANCE ARRIVED THEY OVER PACKED THE LEAKING DRUM ALONG WITH SPILL CLEAN UP RESIDUE.

Recommend Actions Taken:

Site: ***TRANSMISSION DEPT***
HWY 34 NEWBERRY SC LUST

Site ID:	006484	***Site No (EFIS):***	
Permit:	N 06484	***Facility Name (EFIS):***	
Category:		***Fac Address (EFIS):***	
No of Tanks:	1	***Facility City (EFIS):***	
Billable:	0	***Facility State (EFIS):***	
Abandoned:	1	***Facility Zip (EFIS):***	
Other:	0	***Facility (Web):***	TRANSMISSION DEPT
Last Inspection:		***Address (Web):***	HWY 34
Facility:		***City (Web):***	NEWBERRY
Facility Street:		***Zip Code (Web):***	29108
Facilit City:		***County (Web):***	NEWBERRY
Facility State :		***Phone (Web):***	
Facility Zip:		***Tank Owner Phone:***	704-875-5965
County Code:	36	***Land Owner Phone:***	
Fac County:		***Operator Phone:***	

Business Address: HWY 34
NEWBERRY SC 29108
Tank Owner Business Addr: DUKE ENERGY CAROLINAS LLC
13339 HAGERS FERRY RD
HUNTERSVILLE NC 28078
Land Owner Business Addr:
Operator Business Addr:
Facility Link: https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/06484
Data Source: DHEC Online Registry - Releases (Web)

DHEC Online Registry - Release Report

Release No:	0
Project Manager:	STOUDEMIRE, DALE W
Reported:	2/17/1993
Confirmed:	
RBCA/ Score:	/
Product:	
Compliance Req:	False
NFA:	4/23/1993
Fin Type:	
Fin Res Mechanism:	
Abatement Met:	
Cleanup Initiated:	
Cleanup Complete:	
Cleanup MCL:	
Compliance Date:	
Compliance Met:	False
Emergency Resp:	
Responsible Party:	
Superb Determ Date:	
Superb Qualified:	
Transferred:	
Source:	

Site: ***NEWBERRY REPAIR SHOP***
HWY 34 BYPASS NEWBERRY SC LUST

Site ID:	006461	***Site No (EFIS):***	
Permit:	N 06461	***Facility Name (EFIS):***	
Category:	State Government	***Fac Address (EFIS):***	
No of Tanks:	2	***Facility City (EFIS):***	
Billable:	0	***Facility State (EFIS):***	
Abandoned:	2	***Facility Zip (EFIS):***	
Other:	0	***Facility (Web):***	NEWBERRY REPAIR SHOP
Last Inspection:		***Address (Web):***	HWY 34 BYPASS

Facility:		***City (Web):***	NEWBERRY
Facility Street:		***Zip Code (Web):***	29108
Facilit City:		***County (Web):***	NEWBERRY
Facility State :		***Phone (Web):***	
Facility Zip:		***Tank Owner Phone:***	803-896-8800
County Code:	36	***Land Owner Phone:***	
Fac County:		***Operator Phone:***	

Business Address: HWY 34 BYPASS
NEWBERRY SC 29108

Tank Owner Business Addr: SC FORESTRY COMMISSION
5500 BROAD RIVER RD
COLUMBIA SC 29220

Land Owner Business Addr:
Operator Business Addr:
Facility Link: https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/06461
Data Source: DHEC Online Registry - Releases (Web)

DHEC Online Registry - Release Report

Release No: 0
Project Manager: STOUDEMIRE, DALE W
Reported: 5/30/1990
Confirmed:
RBCA/ Score: /
Product:
Compliance Req: False
NFA: 8/30/1994
Fin Type:
Fin Res Mechanism:
Abatement Met:
Cleanup Initiated:
Cleanup Complete:
Cleanup MCL:
Compliance Date:
Compliance Met: False
Emergency Resp:
Responsible Party:
Superb Determ Date:
Superb Qualified:
Transferred:
Source:

Site: ***CHAMPION BUILDING PRODUCTS***
OFF HWY #34 WEST SILVERSTREET SC 29145 RCRA NON GEN

EPA Handler ID: SCD077991297
Gen Status Universe: No Report
Contact Name: RON PRESLEY
Contact Address: RURAL RT 1 BOX 87 , , SILVERSTREET , SC, 29145 , US
Contact Phone No and Ext: 513-868-4261
Contact Email:
Contact Country: US
County Name: NEWBERRY
EPA Region: 04
Land Type:
Receive Date: 19981102
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Jul, 2023.

Violation Details

Found Violation: Yes
Citation:

Violation Short Description:	Generators - General
Violation Type:	262.A
Violation Determined Date:	19841204
Scheduled Compliance Date:	19850107
Return to Compliance:	Observed
Actual Return to Compl:	19850107
Violation Responsible Agency:	State

Enforcement Details

Enforcement Type:	120
Enforcement Type Description:	WRITTEN INFORMAL
Enforcement Action Date:	19841205
Enf Disposition Status:	
Disposition Status Date:	
Enforcement Lead Agency:	State
Proposed Penalty Amount:	
Final Amount:	
Paid Amount:	

Evaluation Details

Evaluation Start Date:	19841204
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	Generators - General
Return to Compliance Date:	19850107
Evaluation Agency:	State

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19981102
Handler Name:	CHAMPION BUILDING PRODUCTS
Source Type:	Notification
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	OWNERSTREET
Name:	OWNERNAME	***Street 2:***	
Date Became Current:		***City:***	OWNERCITY
Date Ended Current:		***State:***	WY
Phone:	404-555-1212	***Country:***	
Source Type:	Notification	***Zip Code:***	99999
Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Private	***Street 1:***	OPERSTREET

Name:	OPERNAME	***Street 2:***	
Date Became Current:		***City:***	OPERCITY
Date Ended Current:		***State:***	WY
Phone:	404-555-1212	***Country:***	
Source Type:	Notification	***Zip Code:***	99999

Site: ***CHAMPION SEED ORCHARD***
SC STATE HWY 34 SILVERSTREET SC 29145

RCRA NON GEN

EPA Handler ID:	SCD982114936
Gen Status Universe:	No Report
Contact Name:	ROBERT LEE
Contact Address:	PO BOX 834 , , NEWBERRY , SC, 29108 , US
Contact Phone No and Ext:	803-276-5529
Contact Email:	
Contact Country:	US
County Name:	NEWBERRY
EPA Region:	04
Land Type:	Private
Receive Date:	20020327
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19871022
Handler Name:	CHAMPION SEED ORCHARD
Source Type:	Notification
Federal Waste Generator Code:	2
Generator Code Description:	Small Quantity Generator

Hazardous Waste Handler Details

Sequence No:	2
Receive Date:	20020327
Handler Name:	CHAMPION SEED ORCHARD
Source Type:	Notification
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Private	***Street 1:***	OPERSTREET
Name:	OPERNAME	***Street 2:***	
Date Became Current:		***City:***	OPERCITY
Date Ended Current:		***State:***	WY
Phone:	404-555-1212	***Country:***	
Source Type:	Notification	***Zip Code:***	99999

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	SC STATE HWY 34
Name:	CHAMPION INT'L CORPORATION	***Street 2:***	
Date Became Current:		***City:***	SILVERSTREET
Date Ended Current:		***State:***	SC
Phone:	999-999-9999	***Country:***	
Source Type:	Notification	***Zip Code:***	29145

Historical Handler Details

Receive Dt: 19871022
Generator Code Description: Small Quantity Generator
Handler Name: CHAMPION SEED ORCHARD

Site: ***UST***
KIRKLAND RECEPTION AND EVALUATION CENTER COLUMBIA SC SPILLS

Incident EID:	369029	***Costal CBE Program:***	
Incident No:	200000628	***Site Water Body:***	
Incident Sub Type:	Oil	***SW Affected:***	No
District Log No:		***Transp Related:***	No
DHEC Notified Dt:	02/22/2000	***Region Name:***	Columbia EQC Office
DHEC Notifi Time:	1154	***PRP Last Name:***	SC DEPT OF CORRECTIONS
Observed Date:	02/22/2000	***PRP First Name:***	
Observed Time:	1100	***Rcvd By L Name:***	DAVIDSON
Occurred Date:	02/22/2000	***Rcvd By F Name:***	NICHOLAS
Occurred Time:	1100	***Rev Last Nm:***	BOLAND
Created Date:	18-APR-00	***Revi First Nm:***	LARRY
Updated Date:	17-JUL-08	***Lead Investig L Name:***	BOLAND
Duration:		***Lead Investig F Name:***	LARRY
County:	Richland	***Caller Organization:***	
Caller Last Name:		***Caller First Name:***	
Caller Phone:		***Caller Extension:***	
Spills Water Body:			
PRP Name:			
Spills:			

Spill Details

Substance Name:	FUEL OIL, [NO. 5]	***Recovered Qty:***	
Estimated Qty:	100	***Recovered Unit:***	
Estimated Unit:	Gallons		
Comments:			

Site:
HWY 34 NEWBERRY SC SPILLS

Incident EID:	76462201	***Costal CBE Program:***	No
Incident No:	201102817	***Site Water Body:***	
Incident Sub Type:	Oil	***SW Affected:***	
District Log No:		***Transp Related:***	

DHEC Notified Dt:	06/30/2011	***Region Name:***	Columbia EQC Office
DHEC Notifi Time:	4:59:57	***PRP Last Name:***	
Observed Date:	06/30/2011	***PRP First Name:***	
Observed Time:	4:22:00	***Rcvd By L Name:***	BRIGHT
Occurred Date:	06/30/2011	***Rcvd By F Name:***	MARY
Occurred Time:	4:22:00	***Rev Last Nm:***	CORLEY
Created Date:	30-JUN-11	***Revi First Nm:***	CHRIS
Updated Date:	05-JUL-11	***Lead Investig L Name:***	
Duration:	5	***Lead Investig F Name:***	
County:	Newberry	***Caller Organization:***	
Caller Last Name:		***Caller First Name:***	
Caller Phone:		***Caller Extension:***	
Spills Water Body:			
PRP Name:			
Spills:			

Spill Details

Substance Name:	OIL GAS	***Recovered Qty:***	
Estimated Qty:	100	***Recovered Unit:***	
Estimated Unit:	Gallons		
Comments:			

Site: ***NEWBERRY REPAIR SHOP***
HWY 34 BYPASS NEWBERRY SC 29108 UST

Site ID:	006461	***Facility ID (Prohib):***	
Permit:	N 06461	***Fac Name (Prohib):***	
Category:	State Government	***Fac Addr (Prohib):***	
No of Tanks:	2	***Fac City (Prohib):***	
Billable:	0	***Facility Name (Web):***	NEWBERRY REPAIR SHOP
Abandoned:	2	***Facility Addr (Web):***	HWY 34 BYPASS
Other:	0	***Facility City (Web):***	NEWBERRY
Last Inspection:		***Zip Code (Web):***	29108
Facility Name:	NEWBERRY REPAIR SHOP	***County (Web):***	NEWBERRY
Facility Address:	HWY 34 BYPASS	***Phone (Web):***	
Facility Zip:	29108	***Tank Owner Phone:***	803-896-8800
Facility Phone:		***Land Owner Phone:***	
Facility State:	SC	***Operator Phone:***	
Facility City:	NEWBERRY	***Facility Contact:***	PETE BISCHOFF
County Code:	36		
Business Address:	HWY 34 BYPASS NEWBERRY SC 29108		
Tank Owner Business Address:	SC FORESTRY COMMISSION 5500 BROAD RIVER RD COLUMBIA SC 29220		
Land Owner Business Address:			
Operator Business Address:			
Facility Link:	https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/06461		
Source:	DHEC Management Tracking UST 'C' List; DHEC Underground Storage Tank Registry (Web)		

Tank Information - UST Registry Search

Tank No:	3	***Chem:***	
Case No:		***Left Gal:***	
Class:	N	***Owner at ABD:***	
Status:	Abandoned	***Last Use:***	
Capacity:	1000	***Aband:***	4/1/1990
Variance:		***Method:***	Removed
Product:	Diesel fuel	***Under Dispnr Cont:***	False
Overfill Type:		***Drop Tube:***	False
Verified:		***Tank Const:***	Steel
Constr Date:		***Tank Protect:***	
Operat Date:		***Tank Tested:***	
Notify:		***Tank Cont Meth:***	Single wall
Spill Prevention:		***Pipe Cont Meth:***	Single wall
Compliance:		***Pipe Protect:***	
Comp Status:		***Pipe Tested:***	
Age at Notif:		***Pipe Const:***	Steel

Dist to Well (ft):		***Piping Type:***	
Tank Leak Det:			
Pipe Leak Det:			

Tank No:	2	***Chem:***	
Case No:		***Left Gal:***	
Class:	N	***Owner at ABD:***	
Status:	Abandoned	***Last Use:***	
Capacity:	3000	***Aband:***	4/4/1990
Variance:		***Method:***	Removed
Product:	Gasoline	***Under Dispnr Cont:***	False
Overfill Type:		***Drop Tube:***	False
Verified:		***Tank Const:***	Steel
Constr Date:		***Tank Protect:***	
Operat Date:		***Tank Tested:***	
Notify:		***Tank Cont Meth:***	Single wall
Spill Prevention:		***Pipe Cont Meth:***	Single wall
Compliance:		***Pipe Protect:***	
Comp Status:		***Pipe Tested:***	
Age at Notif:		***Pipe Const:***	Steel
Dist to Well (ft):		***Piping Type:***	
Tank Leak Det:			
Pipe Leak Det:			

Tank Information - UST 'C' List

Tank No:	3
Tank Owner:	SC FORESTRY COMMISSION
Tank Owner Contact:	PETE BISCHOFF
Tank Owner Addr:	5500 BROAD RIVER RD
Tank Owner City:	COLUMBIA
Tank Owner State:	SC
Tank Owner Zip:	29212-3543
Tank Owner Phone:	803-896-8800
Capacity Gal:	1000
Age at Notif. Years:	
Status Code:	ABD
Status:	Abandoned
Substance Code:	DL

Tank No:	2
Tank Owner:	SC FORESTRY COMMISSION
Tank Owner Contact:	PETE BISCHOFF
Tank Owner Addr:	5500 BROAD RIVER RD
Tank Owner City:	COLUMBIA
Tank Owner State:	SC
Tank Owner Zip:	29212-3543
Tank Owner Phone:	803-896-8800
Capacity Gal:	3000
Age at Notif. Years:	
Status Code:	ABD
Status:	Abandoned
Substance Code:	GN

Site: ***TRANSMISSION DEPT***
HWY 34 NEWBERRY SC 29108

UST

Site ID:	006484	***Facility ID (Prohib):***	
Permit:	N 06484	***Fac Name (Prohib):***	
Category:		***Fac Addr (Prohib):***	
No of Tanks:	1	***Fac City (Prohib):***	
Billable:	0	***Facility Name (Web):***	TRANSMISSION DEPT
Abandoned:	1	***Facility Addr (Web):***	HWY 34
Other:	0	***Facility City (Web):***	NEWBERRY
Last Inspection:		***Zip Code (Web):***	29108
Facility Name:	TRANSMISSION DEPT	***County (Web):***	NEWBERRY
Facility Address:	HWY 34	***Phone (Web):***	
Facility Zip:	29108	***Tank Owner Phone:***	704-875-5965
Facility Phone:		***Land Owner Phone:***	

Facility State:	SC	***Operator Phone:***	
Facility City:	NEWBERRY	***Facility Contact:***	MARY OGLE
County Code:	36		

Business Address: HWY 34
NEWBERRY SC 29108

Tank Owner Business Address: DUKE ENERGY CAROLINAS LLC
13339 HAGERS FERRY RD
HUNTERSVILLE NC 28078

Land Owner Business Address:
Operator Business Address:
Facility Link: https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/06484
Source: DHEC Management Tracking UST 'C' List; DHEC Underground Storage Tank Registry (Web)

Tank Information - UST Registry Search

Tank No:	1	***Chem:***	
Case No:		***Left Gal:***	0
Class:	N	***Owner at ABD:***	DUKE ENERGY CAROLINAS LLC
Status:	Abandoned	***Last Use:***	
Capacity:	3000	***Aband:***	12/3/1992
Variance:		***Method:***	Removed
Product:	Gasoline	***Under Dispnr Cont:***	False
Overfill Type:		***Drop Tube:***	False
Verified:		***Tank Const:***	Steel
Constr Date:		***Tank Protect:***	
Operat Date:		***Tank Tested:***	
Notify:	7/14/1987	***Tank Cont Meth:***	Single wall
Spill Prevention:		***Pipe Cont Meth:***	Single wall
Compliance:		***Pipe Protect:***	
Comp Status:		***Pipe Tested:***	
Age at Notif:	5	***Pipe Const:***	Steel
Dist to Well (ft):		***Piping Type:***	
Tank Leak Det:			
Pipe Leak Det:			

Tank Information - UST 'C' List

Tank No:	1
Tank Owner:	DUKE ENERGY CAROLINAS LLC
Tank Owner Contact:	MARY OGLE
Tank Owner Addr:	13339 HAGERS FERRY RD
Tank Owner City:	HUNTERSVILLE
Tank Owner State:	NC
Tank Owner Zip:	28078
Tank Owner Phone:	704-875-5965
Capacity Gal:	3000
Age at Notif. Years:	5
Status Code:	ABD
Status:	Abandoned
Substance Code:	GN

Site: ***BOUNDARY ST GROCERY***
BOUNDARY ST NEWBERRY SC 29108 UST

Site ID:	006597	***Facility ID (Prohib):***	
Permit:	N 06597	***Fac Name (Prohib):***	
Category:	Retail Sales	***Fac Addr (Prohib):***	
No of Tanks:	2	***Fac City (Prohib):***	
Billable:	0	***Facility Name (Web):***	BOUNDARY ST GROCERY
Abandoned:	2	***Facility Addr (Web):***	BOUNDARY ST
Other:	0	***Facility City (Web):***	NEWBERRY
Last Inspection:		***Zip Code (Web):***	29108
Facility Name:	BOUNDARY ST GROCERY	***County (Web):***	NEWBERRY
Facility Address:	BOUNDARY ST	***Phone (Web):***	
Facility Zip:	29108	***Tank Owner Phone:***	803-276-3391
Facility Phone:		***Land Owner Phone:***	
Facility State:	SC	***Operator Phone:***	
Facility City:	NEWBERRY	***Facility Contact:***	PETE COLEMAN
County Code:	36		

Business Address:	BOUNDARY ST NEWBERRY SC 29108
Tank Owner Business Address:	C D COLEMAN OIL CO 2613 WINNSBORO RD NEWBERRY SC 29108-0128
Land Owner Business Address:	
Operator Business Address:	
Facility Link:	https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/06597
Source:	DHEC Management Tracking UST 'C' List; DHEC Underground Storage Tank Registry (Web)

Tank Information - UST Registry Search

Tank No:	2	***Chem:***	
Case No:		***Left Gal:***	0
Class:	N	***Owner at ABD:***	C D COLEMAN OIL CO
Status:	Abandoned	***Last Use:***	
Capacity:	550	***Aband:***	11/11/1911
Variance:		***Method:***	Fill with sand
Product:	Gasoline	***Under Dispnr Cont:***	False
Overfill Type:		***Drop Tube:***	False
Verified:		***Tank Const:***	Steel
Constr Date:		***Tank Protect:***	
Operat Date:		***Tank Tested:***	
Notify:		***Tank Cont Meth:***	Single wall
Spill Prevention:		***Pipe Cont Meth:***	Single wall
Compliance:		***Pipe Protect:***	
Comp Status:		***Pipe Tested:***	
Age at Notif:		***Pipe Const:***	Steel
Dist to Well (ft):		***Piping Type:***	
Tank Leak Det:			
Pipe Leak Det:			

Tank No:	1	***Chem:***	
Case No:		***Left Gal:***	0
Class:	N	***Owner at ABD:***	C D COLEMAN OIL CO
Status:	Abandoned	***Last Use:***	
Capacity:	550	***Aband:***	11/11/1911
Variance:		***Method:***	Fill with sand
Product:	Gasoline	***Under Dispnr Cont:***	False
Overfill Type:		***Drop Tube:***	False
Verified:		***Tank Const:***	Steel
Constr Date:		***Tank Protect:***	
Operat Date:		***Tank Tested:***	
Notify:		***Tank Cont Meth:***	Single wall
Spill Prevention:		***Pipe Cont Meth:***	Single wall
Compliance:		***Pipe Protect:***	
Comp Status:		***Pipe Tested:***	
Age at Notif:		***Pipe Const:***	Steel
Dist to Well (ft):		***Piping Type:***	
Tank Leak Det:			
Pipe Leak Det:			

Tank Information - UST 'C' List

Tank No:	1
Tank Owner:	C D COLEMAN OIL CO
Tank Owner Contact:	PETE COLEMAN
Tank Owner Addr:	2613 WINNSBORO RD
Tank Owner City:	NEWBERRY
Tank Owner State:	SC
Tank Owner Zip:	29108-0128
Tank Owner Phone:	803-276-3391
Capacity Gal:	550
Age at Notif. Years:	
Status Code:	ABD
Status:	Abandoned
Substance Code:	GN

Tank No:	2

Tank Owner:	C D COLEMAN OIL CO
Tank Owner Contact:	PETE COLEMAN
Tank Owner Addr:	2613 WINNSBORO RD
Tank Owner City:	NEWBERRY
Tank Owner State:	SC
Tank Owner Zip:	29108-0128
Tank Owner Phone:	803-276-3391
Capacity Gal:	550
Age at Notif. Years:	
Status Code:	ABD
Status:	Abandoned
Substance Code:	GN

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13 and E1527-21, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

National Priority List: NPL

Sites on the United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: May 25, 2023

National Priority List - Proposed: PROPOSED NPL

Sites proposed by the United States Environmental Protection Agency (EPA), the state agency, or concerned citizens for addition to the National Priorities List (NPL) due to contamination by hazardous waste and identified by the EPA as a candidate for cleanup because it poses a risk to human health and/or the environment. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: May 25, 2023

Deleted NPL: DELETED NPL

Sites deleted from the United States Environmental Protection Agency (EPA)'s National Priorities List. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: May 25, 2023

SEMS List 8R Active Site Inventory: SEMS

The U.S. Environmental Protection Agency's (EPA) Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted. This data includes SEMS sites from the List 8R Active file as well as applicable sites from the SEMS GIS/REST file layer obtained from EPA's Facility Registry Service.

Government Publication Date: Jul 26, 2023

Inventory of Open Dumps, June 1985: ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

SEMS List 8R Archive Sites: SEMS ARCHIVE

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. This data includes sites from the List 8R Archived site file.

Government Publication Date: Jul 26, 2023

Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS: CERCLIS

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

EPA Report on the Status of Open Dumps on Indian Lands: IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

CERCLIS - No Further Remedial Action Planned: CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens: CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA). This database was provided by the United States Environmental Protection Agency (EPA). Refer to SEMS LIEN as the current data source for Superfund Liens.

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action: RCRA CORRACTS

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Jul 10, 2023

RCRA non-CORRACTS TSD Facilities: RCRA TSD

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by RCRA.

Government Publication Date: Jul 10, 2023

RCRA Generator List: RCRA LQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Jul 10, 2023

RCRA Small Quantity Generators List: RCRA SQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Jul 10, 2023

RCRA Very Small Quantity Generators List: RCRA VSQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Jul 10, 2023

RCRA Non-Generators: RCRA NON GEN

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Jul 10, 2023

RCRA Sites with Controls: RCRA CONTROLS

List of Resource Conservation and Recovery Act (RCRA) facilities with institutional controls in place. RCRA gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

Government Publication Date: Jul 10, 2023

Federal Engineering Controls-ECs: FED ENG

This list of Engineering controls (ECs) is provided by the United States Environmental Protection Agency (EPA). ECs encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. The EC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2021 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Aug 23, 2023

Federal Institutional Controls- ICs: FED INST

This list of Institutional controls (ICs) is provided by the United States Environmental Protection Agency (EPA). ICs are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site. The IC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2021 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Aug 23, 2023

Land Use Control Information System: LUCIS

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

Government Publication Date: Sep 1, 2006

Institutional Control Boundaries at NPL sites: NPL IC

Boundaries of Institutional Control areas at sites on the United States Environmental Protection Agency (EPA)'s National Priorities List, or Proposed or Deleted, made available by the EPA's Shared Enterprise Geodata and Services (SEGS). United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy.

Government Publication Date: May 25, 2023

Emergency Response Notification System: ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System: ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System: ERNS

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

Government Publication Date: Apr 3, 2023

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database: FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This data is provided by the United States Environmental Protection Agency (EPA) and includes Brownfield sites from the Cleanups in My Community (CIMC) web application.

Government Publication Date: Sep 13, 2022

FEMA Underground Storage Tank Listing: FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Facility Response Plan: FRP

This listing contains facilities that have submitted Facility Response Plans (FRPs) to the U.S. Environmental Protection Agency (EPA). Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit FRPs. Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments. This listing includes FRP facilities from an applicable EPA FOIA file and Homeland Infrastructure Foundation-Level Data (HIFLD) data file.

Government Publication Date: May 2, 2023

Delisted Facility Response Plans: DELISTED FRP

Facilities that once appeared in - and have since been removed from - the list of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: May 2, 2023

Historical Gas Stations: HIST GAS STATIONS

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

Government Publication Date: Jul 1, 1930

Petroleum Refineries: REFN

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Sep 20, 2023

Petroleum Product and Crude Oil Rail Terminals: BULK TERMINAL

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

Government Publication Date: Jun 29, 2022

LIEN on Property: SEMS LIEN

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) provides Lien details on applicable properties, such as the Superfund lien on property activity, the lien property information, and the parties associated with the lien.

Government Publication Date: Jul 26, 2023

Superfund Decision Documents: SUPERFUND ROD

This database contains a list of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include completed Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD) for active and archived sites stored in the Superfund Enterprise Management System (SEMS), along with other associated memos and files. This information is maintained and made available by the U.S. Environmental Protection Agency.

Government Publication Date: May 25, 2023

Formerly Utilized Sites Remedial Action Program: DOE FUSRAP

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

Government Publication Date: Mar 4, 2017

State

State Remediation Projects: REMEDIATION

A list of state remediation projects key documents from the South Carolina Department of Health and Environmental Control (DHEC) State Superfund Program. The State Superfund Program aims to protect the environment through investigation and clean up of abandoned and uncontrolled hazardous waste sites.

Government Publication Date: Aug 19, 2023

Permitted Landfills List: SWF/LF

The Department of Health and Environmental Control's (DHEC) Solid Waste Permitting & Monitoring Section manages a list of permitted solid waste and landfill facilities in South Carolina.

Government Publication Date: Aug 17, 2023

Site Assessment Section Project List: SASPL

The South Carolina Department of Health and Environmental Control (DHEC) Bureau of Land & Waste Management, Division of Site Assessment, Remediation, and Revitalization keeps record of the state hazardous waste sites in their Site Assessment Section Project List. Includes sites that have had or have ongoing assessment and/or remediation; sites assessed under CERCLA and state authority, as well as federal and state Superfund sites; sites within the Drycleaning Restoration Trust Fund; and state voluntary cleanups sites and Brownfields sites.

Government Publication Date: Jun 21, 2023

Delisted Site Assessment Section Project List: DELISTED SHWS

This database contains a list of hazardous waste sites that been removed from the South Carolina Department of Health and Environmental Control (DHEC) Bureau of Land & Waste Management Site Assessment Section.

Government Publication Date: Aug 19, 2023

Leaking Underground Storage Tank List: LUST

This list of incidents involving releases from underground storage tanks is maintained by the South Carolina Department of Health & Environmental Control (DHEC). The listing includes tank sites from the Underground Storage Tank Division's UST Registry Search with confirmed or unconfirmed releases, as well as applicable FOIA file/s.

Government Publication Date: May 8, 2023

Release Incidents - Groundwater Tracking: LAST

A listing of incidents involving petroleum releases from unregulated sources such as aboveground storage tanks, heating oil tanks and spills during transport reported to the Department of Health & Environmental Control (DHEC).

Government Publication Date: Aug 23, 2023

Delisted Leaking Storage Tanks: DELISTED LST

List of sites that once appeared on – and have since been removed from – the list of Leaking Aboveground Storage Tanks and/or the list of Leaking Underground Storage Tanks made available by the South Carolina Department of Health and Environmental Control (DHEC).

Government Publication Date: Aug 23, 2023

Underground Storage Tank List: UST

The Underground Storage Tank Division of the South Carolina Department of Health and Environmental Control (DHEC) manages a list of permitted underground storage tank sites. This listing includes tank sites from the Underground Storage Tank Division's UST Registry Search as well as applicable FOIA file/s.

Government Publication Date: May 8, 2023

Aboveground Storage Tanks (SCDA): AST

A list of aboveground storage tanks made available by South Carolina Department of Agriculture (SCDA).

Government Publication Date: Jun 5, 2023

Aboveground Storage Tanks (SC State Fire): AST SFM

A list of aboveground storage tanks known to South Carolina Department of Labor, Licensing and Regulation's Office of State Fire Marshal. The status of tanks on this list is unknown, as State Fire approves plans for ASTs prior to construction.

Government Publication Date: Sep 19, 2017

Delisted Underground Storage Tanks: DELISTED TANKS

This database contains a list of storage tank sites that were removed from the Division of the Department of Health and Environmental Control (DHEC).

Government Publication Date: Jun 5, 2023

Registry of Conditional Remedies: RCR

A Conditional Remedy is an environmental remedy that includes certain qualifications. These qualifications are divided into two major categories: Remedies requiring Land Use Controls and Conditional No Further Actions (CNFA). This registry is managed by the Department of Health and Environmental Control (DHEC) and does not include UST sites where a No Further Action (NFA) letter was issued.

Government Publication Date: Jun 12, 2023

Site Assessment and Remediation Public Record Database: VCP

The Site Assessment and Remediation Public Record Database identifies brownfield sites for potential redevelopment and sites undergoing cleanup activities and assessment. This database is managed by the Site Assessment Remediation & Revitalization Division of the South Carolina Department of Health and Environmental Control (DHEC).

Government Publication Date: Aug 15, 2023

Brownfields Sites Listing: BROWNFIELDS

The South Carolina Department of Health and Environmental Control (DHEC) manages the Brownfield/Cleanup Program and maintains a list of Brownfield sites.

Government Publication Date: Jul 13, 2023

Tribal

Leaking Underground Storage Tanks (LUSTs) on Indian Lands: INDIAN LUST

This list of leaking underground storage tanks (LUSTs) on Tribal/Indian Lands in Region 4, which includes South Carolina, is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Oct 14, 2017

Underground Storage Tanks (USTs) on Indian Lands: INDIAN UST

This list of underground storage tanks (USTs) on Tribal/Indian Lands in Region 4, which includes South Carolina, is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Oct 14, 2017

Delisted Tribal Leaking Storage Tanks: DELISTED INDIAN LST

Leaking Underground Storage Tank (LUST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian LUST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Apr 26, 2023

Delisted Tribal Underground Storage Tanks: DELISTED INDIAN UST

Underground Storage Tank (UST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian UST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Apr 26, 2023

County

No County standard environmental record sources available for this State.

Additional Environmental Record Sources

Federal

Facility Registry Service/Facility Index: FINDS/FRS

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the U.S. Environmental Protection Agency (EPA).

Government Publication Date: Mar 2, 2023

Toxics Release Inventory (TRI) Program: TRIS

The U.S. Environmental Protection Agency's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of toxic chemicals from U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. There are currently 770 individually listed chemicals and 33 chemical categories covered by the TRI Program. Facilities that manufacture, process or otherwise use these chemicals in amounts above established levels must submit annual reporting forms for each chemical. Note that the TRI chemical list does not include all toxic chemicals used in the U.S. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Oct 19, 2022

PFOA/PFOS Contaminated Sites: PFAS NPL

This list of Superfund Sites with Per- and Polyfluoroalkyl Substances (PFAS) detections is made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data, previously the list was obtained by EPA FOIA requests. EPA's Office of Land and Emergency Management and EPA Regional Offices maintain what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment. Limitations: Detections of PFAS at National Priorities List (NPL) sites do not mean that people are at risk from PFAS, are exposed to PFAS, or that the site is the source of the PFAS. The information in the Superfund NPL and Superfund Alternative Agreement (SAA) PFAS detection site list is years old and may not be accurate today. Site information such as site name, site ID, and location has been confirmed for accuracy; however, PFAS-related information such as media sampled, drinking water being above the health advisory, or mitigation efforts has not been verified. For Federal Facilities data, the other Federal agencies (OFA) are the lead agency for their data and provided them to EPA.

Government Publication Date: Sep 14, 2023

Federal Agency Locations with Known or Suspected PFAS Detections: PFAS FED SITES

List of Federal agency locations with known or suspected detections of Per- and Polyfluoroalkyl Substances (PFAS), made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data. EPA outlines that these data are gathered from several federal entities, such as the Federal Superfund program, Department of Defense (DOD), National Aeronautics and Space Administration, Department of Transportation, and Department of Energy. The dates this data was extracted for the PFAS Analytic Tools range from March 2022 to April 2023. Sites on this list do not necessarily reflect the source/s of PFAS contamination and detections do not indicate level of risk or human exposure at the site. Agricultural notifications in this data are limited to DOD sites only. At this time, the EPA is aware that this list is not comprehensive of all Federal agencies.

Government Publication Date: Apr 24, 2023

SSEHRI PFAS Contamination Sites: PFAS SSEHRI

This PFAS Contamination Site Tracker database is compiled by the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents, and this is cited in the tracker. Locations for the Known PFAS Contamination Sites are sourced from the PFAS Sites and Community Resources Map, credited to the Northeastern University's PFAS Project Lab, Silent Spring Institute, and the PFAS-REACH team. Disclaimer: The source conveys the data undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Access the following source link for the most current information: https://pfasproject.com/pfas-sites-and-community-resources/

Government Publication Date: Oct 9, 2022

National Response Center PFAS Spills: ERNS PFAS

This Per- and Poly-Fluoroalkyl Substances (PFAS) Spills dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The National Response Center (NRC), operated by the U.S. Coast Guard, is the designated federal point of contact for reporting all oil, chemical, and other discharges into the environment, for the United States and its territories. This dataset contains NRC spill information from 1990 to the present that is restricted to records associated with PFAS and PFAS-containing materials. Incidents are filtered to include only records with a "Material Involved" or "Incident Description" related to Aqueous Film Forming Foam (AFFF). The keywords used to filter the data included "AFFF," "Fire Fighting Foam," "Aqueous Film Forming Foam," "Fire Suppressant Foam, "PFAS," "PERFL," "PFOA," "PFOS," and "Genx." Limitations: The data from the NRC website contains initial incident data that has not been validated or investigated by a federal/state response agency. Keyword searches may misidentify some incident reports that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS spills/release incidents.

Government Publication Date: Jun 17, 2023

PFAS NPDES Discharge Monitoring: PFAS NPDES

This list of National Pollutant Discharge Elimination System (NPDES) permitted facilities with required monitoring for Per- and Polyfluoroalkyl (PFAS) Substances is made available via the U.S. Environmental Protection Agency (EPA)'s PFAS Analytic Tools. Any point-source wastewater discharger to waters of the United States must have a NPDES permit, which defines a set of parameters for pollutants and monitoring to ensure that the discharge does not degrade water quality or impair human health. This list includes NPDES permitted facilities associated with permits that monitor for Per- and Polyfluoroalkyl Substances (PFAS), limited to the years 2007 - present. EPA further advises the following regarding these data: currently, fewer than half of states have required PFAS monitoring for at least one of their permittees, and fewer states have established PFAS effluent limits for permittees. For states that may have required monitoring, some reporting and data transfer issues may exist on a state-by-state basis.

Government Publication Date: May 1, 2023

Perfluorinated Alkyl Substances (PFAS) from Toxic Release Inventory: PFAS TRI

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a per- or polyfluoroalkyl (PFAS) substance included in the U.S. Environmental Protection Agency's (EPA) consolidated PFAS Master List of PFAS Substances. Encompasses Toxics Release Inventory records included in the EPA PFAS Analytic Tools. The EPA's TRI database currently tracks information on disposal or releases of 770 individually listed toxic chemicals and 33 chemical categories from thousands of U.S. facilities and details about how facilities manage those chemicals through recycling, energy recovery, and treatment.

Government Publication Date: Oct 19, 2022

Perfluorinated Alkyl Substances (PFAS) Water Quality: PFAS WATER

The Water Quality Portal (WQP) is a cooperative service sponsored by the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC). This listing includes records from the Water Quality Portal where the characteristic (environmental measurement) is in the Environmental Protection Agency (EPA)'s consolidated Master List of PFAS Substances.

Government Publication Date: Jul 20, 2020

PFAS TSCA Manufacture and Import Facilities: PFAS TSCA

The U.S. Environmental Protection Agency (EPA) issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. This list is specific only to TSCA Manufacture and Import Facilities with reported per- and poly-fluoroalkyl (PFAS) substances. Data file is sourced from EPA's PFAS Analytic Tools TSCA dataset which includes CDR/Inventory Update Reporting data from 1998 up to 2020. Disclaimer: This data file includes production and importation data for chemicals identified in EPA's CompTox Chemicals Dashboard list of PFAS without explicit structures and list of PFAS structures in DSSTox. Note that some regulations have specific chemical structure requirements that define PFAS differently than the lists in EPA's CompTox Chemicals Dashboard. Reporting information on manufactured or imported chemical substance amounts should not be compared between facilities, as some companies claim Chemical Data Reporting Rule data fields for PFAS information as Confidential Business Information.

Government Publication Date: Jan 5, 2023

PFAS Waste Transfers from RCRA e-Manifest : PFAS E-MANIFEST

This Per- and Poly-Fluoroalkyl Substances (PFAS) Waste Transfers dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. Every shipment of hazardous waste in the U.S. must be accompanied by a shipment manifest, which is a critical component of the cradle-to-grave tracking of wastes mandated by the Resource Conservation and Recovery Act (RCRA). According to the EPA, currently no Federal Waste Code exists for any PFAS compounds. To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: • PFAS • PFOA • PFOS • PERFL • AFFF • GENX • GEN-X (plus the Vermont state-specific waste codes). Limitations: Amount or concentration of PFAS being transferred cannot be determined from the manifest information. Keyword searches may misidentify some manifest records that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS waste transfers.

Government Publication Date: Apr 9, 2023

PFAS Industry Sectors: PFAS IND

This Per- and Poly-Fluoroalkyl Substances (PFAS) Industry Sectors dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The EPA developed the dataset from various sources that show which industries may be handling PFAS including: EPA's Enforcement and Compliance History Online (ECHO) records restricted to potential PFAS-handling industry sectors; ECHO records for Fire Training Sites identified where fire-fighting foam may have been used in training exercises; and 14 CFR Part 139 Airports compiled from historic and current records from the FAA Airport Data and Information Portal. Since July 2006, all certificated Part 139 Airports are required to have fire-fighting foam onsite that meet certain military specifications, which to date have been fluorinated (Aqueous Film Forming Foam). Limitations: Inclusion in this dataset does not indicate that PFAS are being manufactured, processed, used, or released by the facility. Listed facilities potentially handle PFAS based on their industrial profile, but are unconfirmed by the EPA. Keyword searches in ECHO for Fire Training sites may misidentify some facilities and should not be considered to be an exhaustive list of fire training facilities in the U.S.

Government Publication Date: Apr 16, 2023

Hazardous Materials Information Reporting System: HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Sep 1, 2020

National Clandestine Drug Labs: NCDL

The U.S. Department of Justice ("the Department"), Drug Enforcement Administration (DEA), provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

Government Publication Date: Jul 26, 2023

Toxic Substances Control Act: TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.
The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).
Government Publication Date: Apr 11, 2019

Hist TSCA: HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.
The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.
Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing: FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.
Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing: FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.
Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List: PRP

Early in the site cleanup process, the U.S. Environmental Protection Agency (EPA) conducts a search to find the Potentially Responsible Parties (PRPs). The EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site. This listing contains PRPs, Noticed Parties, at sites in the EPA's Superfund Enterprise Management System (SEMS).
Government Publication Date: Aug 23, 2023

State Coalition for Remediation of Drycleaners Listing: SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin. Since 2017, the SCRD no longer maintains this data, refer to applicable state source data where available.
Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS): ICIS

The Integrated Compliance Information System (ICIS) database contains integrated enforcement and compliance information across most of U.S. Environmental Protection Agency's (EPA) programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained by the EPA Headquarters and at the Regional offices. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.
Government Publication Date: Jan 21, 2023

Drycleaner Facilities: FED DRYCLEANERS

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) data as made available by the U.S. Environmental Protection Agency (EPA), sourced from the ECHO Exporter file. The EPA tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.
Government Publication Date: Apr 15, 2023

Delisted Drycleaner Facilities: DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: Apr 15, 2023

Formerly Used Defense Sites: FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DOD) is responsible for an environmental restoration. The FUDS Annual Report to Congress (ARC) is published by the U.S. Army Corps of Engineers (USACE). This data is compiled from the USACE's Geospatial FUDS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) FUDS dataset.

Government Publication Date: Jul 12, 2022

FUDS Munitions Response Sites: FUDS MRS

Boundaries of Munitions Response Sites (MRS), published with the Formerly Used Defense Sites (FUDS) Annual Report to Congress (ARC) by the U.S. Army Corps of Engineers (USACE). An MRS is a discrete location within a Munitions response area (MRA) that is known to require a munitions response. An MRA means any area on a defense site that is known or suspected to contain unexploded ordnance (UXO), discarded military munitions (DMM), or munitions constituents (MC). This data is compiled from the USACE's Geospatial MRS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) MRS dataset.

Government Publication Date: Jul 12, 2022

Former Military Nike Missile Sites: FORMER NIKE

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents: PIPELINE INCIDENT

A list of flagged pipeline incidents made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types.

Government Publication Date: Dec 30, 2022

Material Licensing Tracking System (MLTS): MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: May 11, 2021

Historic Material Licensing Tracking System (MLTS) sites: HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File: MINES

The Master Index File (MIF) is provided by the United States Department of Labor, Mine Safety and Health Administration (MSHA). This file, which was originally created in the 1970's, contained many Mine-IDs that were invalid. MSHA removes invalid IDs from the MIF upon discovery. MSHA applicable data includes the following: all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970; mine addresses for all mines in the database except for Abandoned mines prior to 1998 from MSHA's legacy system (addresses may or may not correspond with the physical location of the mine itself); violations that have been assessed penalties as a result of MSHA inspections beginning on 1/1/2000; and violations issued as a result of MSHA inspections conducted beginning on 1/1/2000.

Government Publication Date: May 1, 2023

Surface Mining Control and Reclamation Act Sites: SMCRA

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (OSMRE) to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). This inventory contains information on the type and extent of Abandoned Mine Land (AML) impacts, as well as information on the cost associated with the reclamation of those problems. The data is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed. Disclaimer: Per the OSMRE, States and tribes who enter their data into eAMLIS (AML Inventory System) may truncate their latitude and longitude so the precise location of usually dangerous AMLs is not revealed in an effort to protect the public from searching for these AMLs, most of which are on private property. If more precise location information is needed, please contact the applicable state/tribe of interest.

Government Publication Date: Jun 13, 2023

Mineral Resource Data System: MRDS

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

Government Publication Date: Mar 15, 2016

DOE Legacy Management Sites: LM SITES

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) currently manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The LM manages sites with diverse regulatory drivers (statutes or programs that direct cleanup and management requirements at DOE sites) or as part of internal DOE or congressionally-recognized programs, such as but not limited to: Formerly Utilized Sites Remedial Action Program (FUSRAP), Uranium Mill Tailings Radiation Control Act (UMTRCA Title I, Tile II), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Decontamination and Decommissioning (D&D), Nuclear Waste Policy Act (NWPA). This site listing includes data exported from the DOE Office of LM's Geospatial Environmental Mapping System (GEMS). GEMS Data disclaimer: The DOE Office of LM makes no representation or warranty, expressed or implied, regarding the use, accuracy, availability, or completeness of the data presented herein.

Government Publication Date: May 25, 2023

Alternative Fueling Stations: ALT FUELS

This list of alternative fueling stations is sourced from the Alternative Fuels Data Center (AFDC). The U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy launched the AFDC in 1991 as a repository for alternative fuel vehicle performance data, which provides a wealth of information and data on alternative and renewable fuels, advanced vehicles, fuel-saving strategies, and emerging transportation technologies. The data includes Biodiesel (B20 and above), Compressed Natural Gas (CNG), Electric, Ethanol (E85), Hydrogen, Liquefied Natural Gas (LNG), Propane (LPG), and Renewable Diesel (R20 and above) fuel type locations.

Government Publication Date: Aug 30, 2023

Superfunds Consent Decrees: CONSENT DECREES

This list of Superfund consent decrees is provided by the Department of Justice, Environment & Natural Resources Division (ENRD) through a Freedom of Information Act (FOIA) applicable file. This listing includes Consent Decrees for CERCLA or Superfund Sites filed and/or as proposed within the ENRD's Case Management System (CMS) since 2010. CMS may not reflect the latest developments in a case nor can the agency guarantee the accuracy of the data. ENRD Disclaimer: Congress excluded three discrete categories of law enforcement and national security records from the requirements of the FOIA; response is limited to those records that are subject to the requirements of the FOIA; however, this should not be taken as an indication that excluded records do, or do not, exist.

Government Publication Date: Apr 19, 2023

Air Facility System: AFS

This EPA retired Air Facility System (AFS) dataset contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners. AFS does not contain data on facilities that are solely asbestos demolition and/or renovation contractors, or landfills. ECHO Clean Air Act data from AFS are frozen and reflect data as of October 17, 2014; the EPA retired this system for Clean Air Act stationary sources and transitioned to ICIS-Air.

Government Publication Date: Oct 17, 2014

Registered Pesticide Establishments: SSTS

This national list of active EPA-registered foreign and domestic pesticide and/or device-producing establishments is based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that each producing establishment must place its EPA establishment number on the label or immediate container of each pesticide, active ingredient or device produced. An EPA establishment number on a pesticide product label identifies the EPA registered location where the product was produced. The list of establishments is made available by the U.S. Environmental Protection Agency (EPA).

Government Publication Date: Mar 1, 2023

Polychlorinated Biphenyl (PCB) Transformers: PCBT

Locations of Transformers Containing Polychlorinated Biphenyls (PCBs) registered with the United States Environmental Protection Agency. PCB transformer owners must register their transformer(s) with EPA. Although not required, PCB transformer owners who have removed and properly disposed of a registered PCB transformer may notify EPA to have their PCB transformer de-registered. Data made available by EPA.

Government Publication Date: Oct 15, 2019

Polychlorinated Biphenyl (PCB) Notifiers: PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: Mar 20, 2023

State

Spills List: SPILLS

A list of spills and releases managed by the Department of Health and Environmental Control (DHEC).

Government Publication Date: Jul 3, 2023

Drycleaning Facility Restoration Trust Fund Database: DRYCLEAN FUND

This Priorities list of Drycleaning Facility Restoration Trust Fund (DFRTF) facilities is provided by the South Carolina Department of Health and Environmental Control's (DHEC) Bureau of Land and Waste Management. The DHEC is responsible for administering the DFRTF to manage the assessment and remediation of drycleaning facilities statewide by prioritizing sites for future funding based on available assessment information. The Funding Priority system categorizes sites into one of five groups and is designed to identify sites that require immediate action to eliminate the risk of human exposure, prevent imminent exposure to environmental contamination, or indicate no funded activity planned when applicable.

Government Publication Date: Aug 21, 2023

Dry Cleaners: DRY CLEANERS

A list of dry cleaners known to the South Carolina Department of Health and Environmental Control (SC DHEC).

Government Publication Date: Jan 9, 2019

Delisted Drycleaning Facility: DELISTED DRYCLEANERS

List of sites removed from the drycleaners facility database made available by the Department of Health & Environmental Control.

Government Publication Date: Aug 21, 2023

Air Permitted Facilities: AIR PERMIT

The South Carolina Department of Health and Environmental Control's Bureau of Air Quality (BAQ) is responsible for managing South Carolina's air quality permitting program. According to the BAQ, an air permit is a legal document that lists what a source must do in order to comply with the state and federal air pollution laws. The facility's potential to emit emissions determines if a facility is classified as major or minor or if the facility has to undergo a major modification. The BAQ issues construction and operating permits to industrial, commercial, and institutional sources that use or store materials with a potential to emit air pollutants into the air.

Government Publication Date: Mar 21, 2023

Underground Injection Control Wells: UIC

This list of Underground Injection Control Class V Wells is provided by the South Carolina Department of Health and Environmental Control (DHEC). The majority of Class V Wells are aquifer remediation injection wells, and the remaining are Aquifer Storage and Recovery Wells (storage of potable water in the subsurface).

Government Publication Date: Aug 5, 2022

Agricultural Facilities: AGRI FAC

The South Carolina Department of Health and Environmental Control (SCDHEC) provides this agricultural facilities (animal farms) database. SCDHEC makes no warranty, representation or guarantee as to the content, sequence, accuracy, timeliness or completeness of any of the database information provided herein.

Government Publication Date: Jun 18, 2013

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental record sources available for this State.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

Divider
Page

PSR
PHYSICAL SETTING REPORT

Property Information

Order Number:	23101000943p
Date Completed:	October 11, 2023
Project Number:	00.5633.16
Project Property:	Gallam Place Parcel 540 Brantley Street Newberry SC 29108
Coordinates:	
Latitude:	34.26604457
Longitude:	-81.62156746
UTM Northing:	3791829.87069 Meters
UTM Easting:	442778.745898 Meters
UTM Zone:	UTM Zone 17S
Elevation:	490.49 ft
Slope Direction:	SE

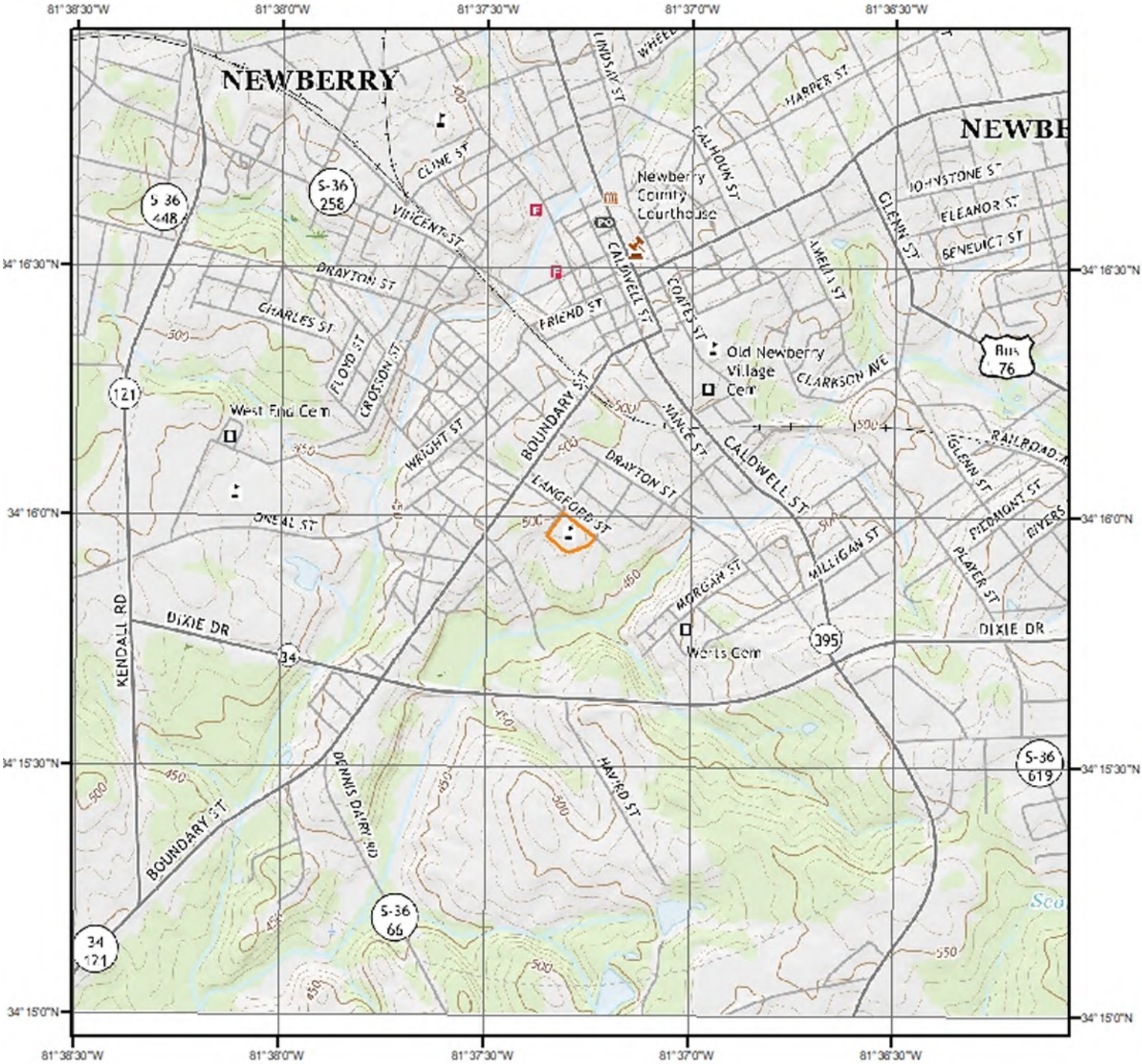
The ERIS ***Physical Setting Report - PSR*** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, public water systems and radon are also included for review.

The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

Disclaimer

This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.

Topographic Information



Current USGS Topo (2020)

0 0.2 0.4 0.8 Miles

N

Quadrangle(s): Newberry East, SC; Newberry West, SC

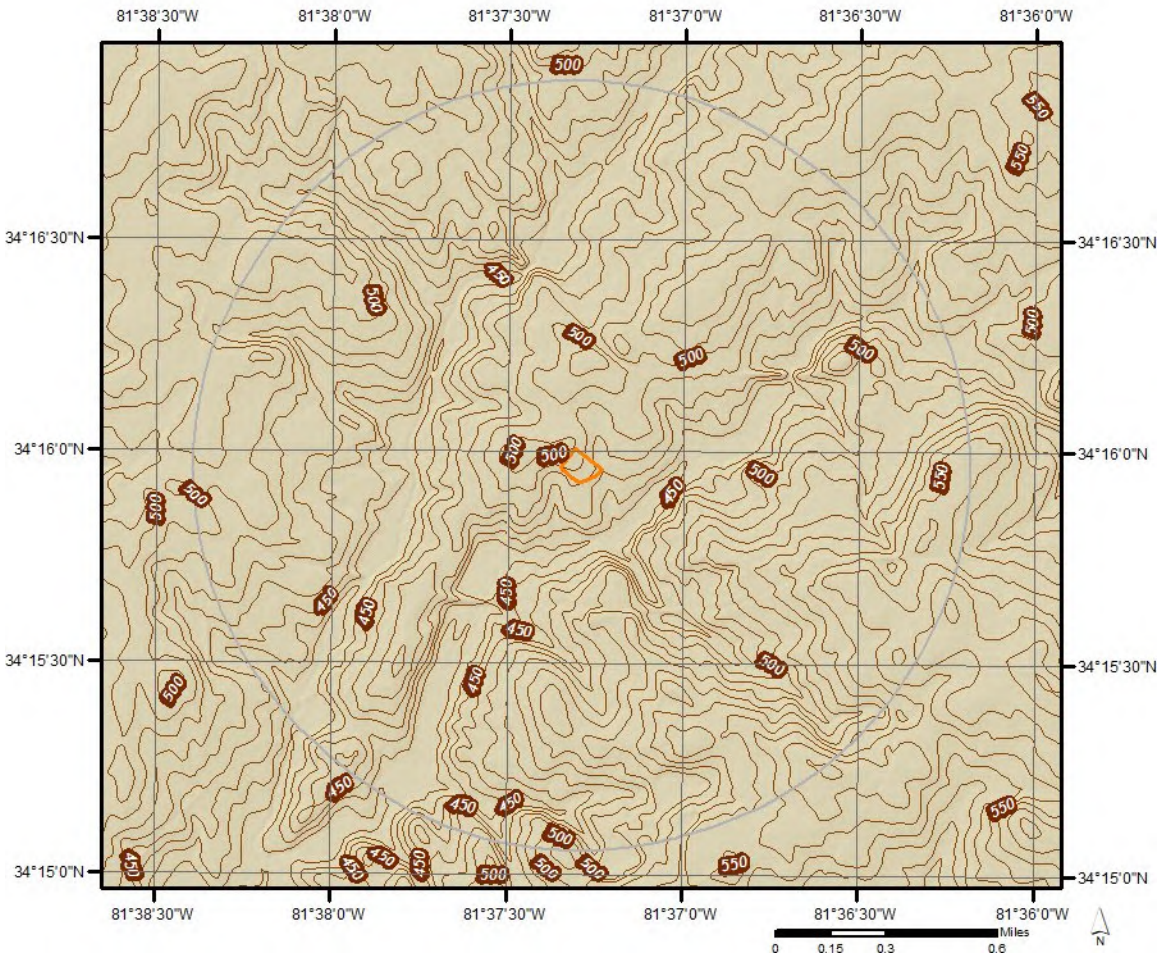
Source: USGS 7.5 Minute Topographic Map

Topographic Information

The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

Topographic information at project property:

Elevation:	490.49 ft
Slope Direction:	SE



Hydrologic Information

Wetland

Miles
0 0.075 0.15 0.3
N

This map shows wetland existence using data from US Fish & Wildlife.
Data coverage is shown to the right. Gray indicates no data available in the area.

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

Hydrologic Information

Flood Hazard Zones

This map shows FEMA flood hazard zones based on FEMA's National Flood Hazard Layer. FIRM Panels are overlayed. An absent FIRM panel represents no data available.

Miles: 0 0.2 0.4

N

- 1% Annual Chance Flood Hazard
- Regulatory Floodway
- Special Floodway
- Area of Undetermined Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Future Conditions 1% Annual Chance Flood Hazard
- Area with Reduced Risk Due to Levee
- Area with Risk Due to Levee
- Open Water

Quadrangle(s): Newberry East,SC; Newberry West,SC

Hydrologic Information

The Wetland Type map shows wetland existence overlaid on an aerial imagery. The Flood Hazard Zones map shows FEMA flood hazard zones overlaid on an aerial imagery. Relevant FIRM panels and detailed zone information is provided below.
For detailed Zone descriptions please click the link: https://floodadvocate.com/fema-zone-definitions

Available FIRM Panels in area:	45071C0219C(effective:2011-09-16) 45071C0236C(effective:2011-09-16) 45071C0238C(effective:2011-09-16)

Flood Zone A-01

Zone:	A
Zone subtype:	

Flood Zone AE-01

Zone:	AE
Zone subtype:	

Flood Zone AE-11

Zone:	AE
Zone subtype:	FLOODWAY

Flood Zone X-01

Zone:	X
Zone subtype:	0.2 PCT ANNUAL CHANCE FLOOD HAZARD

Flood Zone X-12

Zone:	X
Zone subtype:	AREA OF MINIMAL FLOOD HAZARD

Hydrologic Information

FEMA Flood Zone Definitions

Special Flood Hazard Areas – High Risk

Special Flood Hazard Areas represent the area subject to inundation by 1-percent-annual chance flood. Structures located within the SFHA have a 26-percent chance of flooding during the life of a standard 30-year mortgage. Federal floodplain management regulations and mandatory flood insurance purchase requirements apply in these zones.

ZONE	DESCRIPTION
A	Areas subject to inundation by the 1-percent-annual-chance flood event. Because detailed hydraulic analyses have not been performed, no Base Flood Elevations (BFEs) or flood depths are shown.
AE, A1-A30	Areas subject to inundation by the 1-percent-annual-chance flood event determined by detailed methods. BFEs are shown within these zones. (Zone AE is used on new and revised maps in place of Zones A1–A30.)
AH	Areas subject to inundation by 1-percent-annual-chance shallow flooding (usually areas of ponding) where average depths are 1–3 feet. BFEs derived from detailed hydraulic analyses are shown in this zone.
AO	Areas subject to inundation by 1-percent-annual-chance shallow flooding (usually sheet flow on sloping terrain) where average depths are 1–3 feet. Average flood depths derived from detailed hydraulic analyses are shown within this zone.
AR	Areas that result from the decertification of a previously accredited flood protection system that is determined to be in the process of being restored to provide base flood protection.
A99	Areas subject to inundation by the 1-percent-annual-chance flood event, but which will ultimately be protected upon completion of an under-construction Federal flood protection system. These are areas of special flood hazard where enough progress has been made on the construction of a protection system, such as dikes, dams, and levees, to consider it complete for insurance rating purposes. Zone A99 may be used only when the flood protection system has reached specified statutory progress toward completion. No BFEs or flood depths are shown.

Coastal High Hazard Areas – High Risk

Coastal High Hazard Areas (CHHA) represent the area subject to inundation by 1-percent-annual chance flood, extending from offshore to the inland limit of a primary front al dune along an open coast and any other area subject to high velocity wave action from storms or seismic sources. Structures located within the CHHA have a 26-percent chance of flooding during the life of a standard 30-year mortgage. Federal floodplain management regulations and mandatory purchase requirements apply in these zones.

ZONE	DESCRIPTION
V	Areas along coasts subject to inundation by the 1-percent-annual-chance flood event with additional hazards associated with storm-induced waves. Because detailed coastal analyses have not been performed, no BFEs or flood depths are shown.
VE, V1-V30	Areas along coasts subject to inundation by the 1-percent-annual-chance flood event with additional hazards due to storm-induced velocity wave action. BFEs derived from detailed hydraulic coastal analyses are shown within these zones. (Zone VE is used on new and revised maps in place of Zones V1–V30.)

Hydrologic Information

Moderate and Minimal Risk Areas

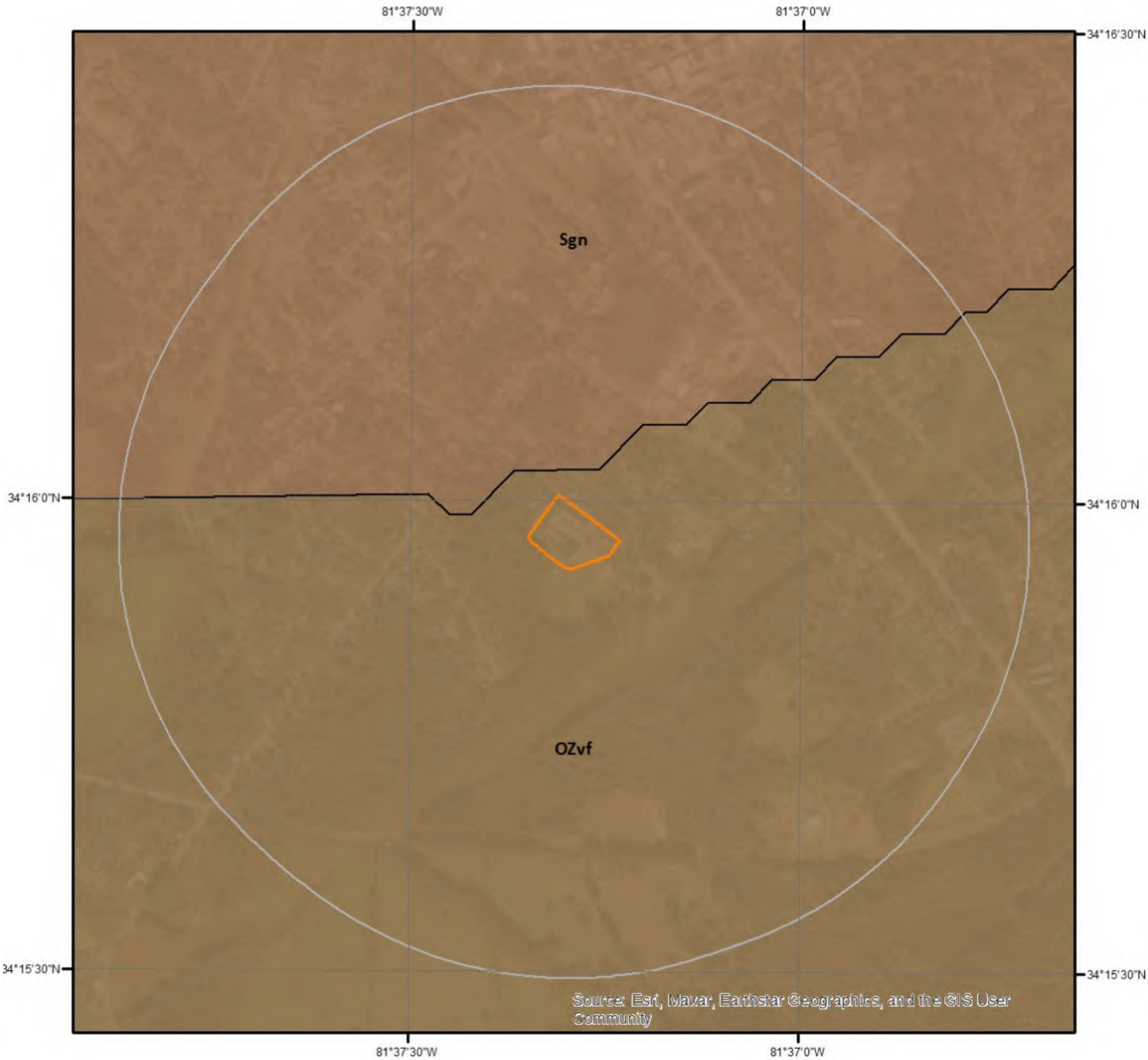
Areas of moderate or minimal hazard are studied based upon the principal source of flood in the area. However, buildings in these zones could be flooded by severe, concentrated rainfall coupled with inadequate local drainage systems. Local stormwater drainage systems are not normally considered in a community's flood insurance study. The failure of a local drainage system can create areas of high flood risk within these zones. Flood insurance is available in participating communities, but is not required by regulation in these zones. Nearly 25-percent of all flood claims filed are for structures located within these zones.

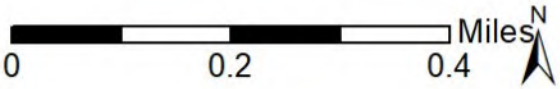
ZONE	DESCRIPTION
B, X (shaded)	Moderate risk areas within the 0.2-percent-annual-chance floodplain, areas of 1-percent-annual-chance flooding where average depths are less than 1 foot, areas of 1-percent-annual-chance flooding where the contributing drainage area is less than 1 square mile, and areas protected from the 1-percent-annual-chance flood by a levee. No BFEs or base flood depths are shown within these zones. (Zone X (shaded) is used on new and revised maps in place of Zone B.)
C, X (unshaded)	Minimal risk areas outside the 1-percent and .2-percent-annual-chance floodplains. No BFEs or base flood depths are shown within these zones. (Zone X (unshaded) is used on new and revised maps in place of Zone C.)

Undetermined Risk Areas

ZONE	DESCRIPTION
D	Unstudied areas where flood hazards are undetermined, but flooding is possible. No mandatory flood insurance purchase requirements apply, but coverage is available in participating communities.

Geologic Information





Geologic Units

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.

Geologic Information

The previous page shows USGS geology information. Detailed information about each unit is provided below.

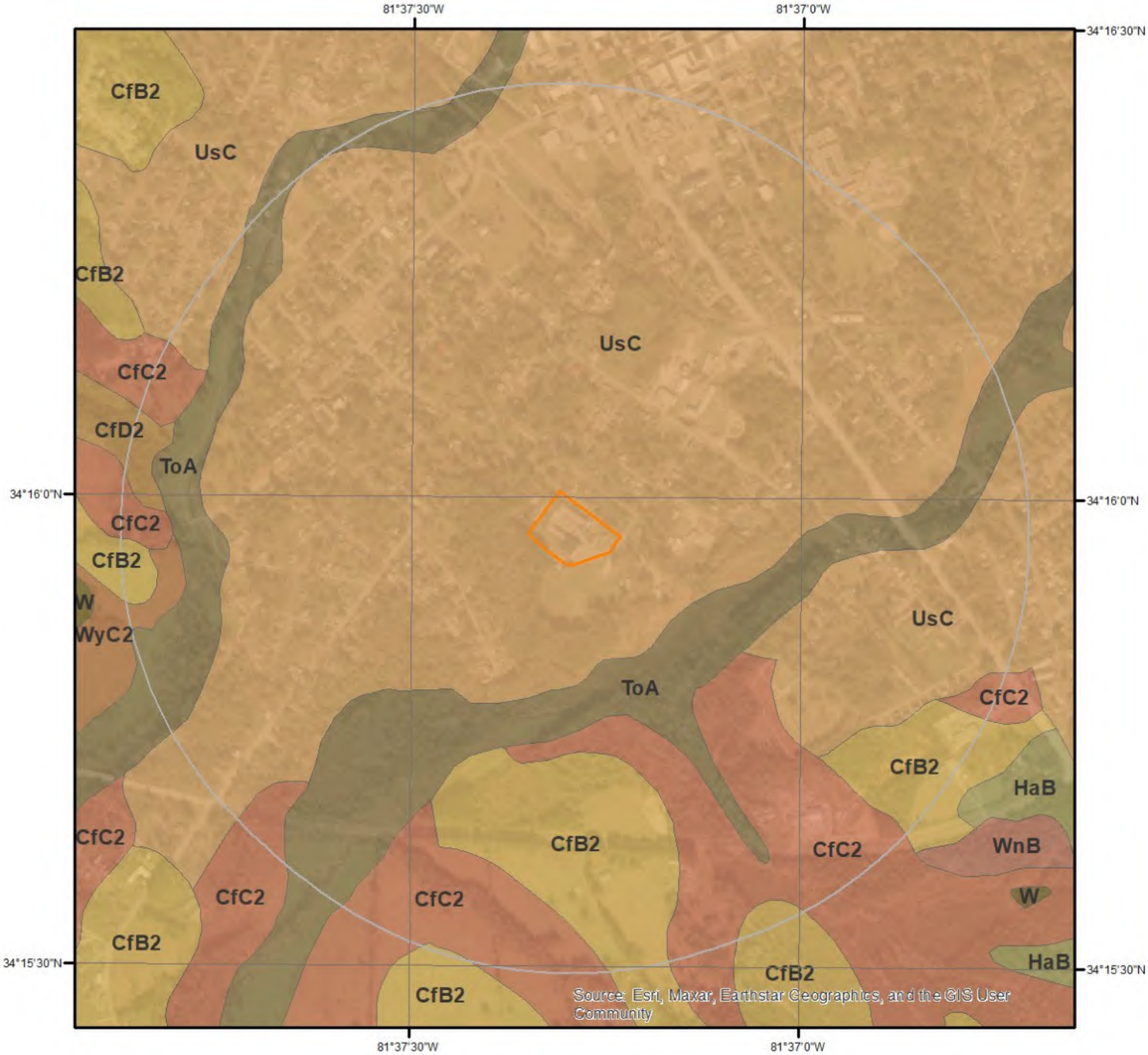
Geologic Unit Sgn

Unit Name:	Newberry granite
Unit Age:	Silurian
Primary Rock Type:	granite
Secondary Rock Type:	
Unit Description:	Newberry granite

Geologic Unit OZvf

Unit Name:	Felsic metavolcanic rocks and felsic gneiss interpreted to the metavolcanics
Unit Age:	Ordovician to Neoproterozoic
Primary Rock Type:	felsic metavolcanic rock
Secondary Rock Type:	gneiss
Unit Description:	Felsic metavolcanic rocks and felsic gneiss interpreted to the metavolcanics

Soil Information



SSURGO Soils

0 0.2 0.4 Miles N

This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.

Soil Information

The previous page shows a soil map using SSURGO data from USDA Natural Resources Conservation Service. Detailed information about each unit is provided below.

Map Unit CfB2 (22.56%)

Map Unit Name:	Cecil sandy clay loam, 2 to 6 percent slopes, moderately eroded
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Cecil(92%)

horizon A(0cm to 8cm)	Sandy clay loam
horizon Bt(8cm to 122cm)	Clay
horizon BCt(122cm to 203cm)	Sandy clay loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: CfB2 - Cecil sandy clay loam, 2 to 6 percent slopes, moderately eroded

Component: Cecil (92%)
The Cecil, moderately eroded component makes up 92 percent of the map unit. Slopes are 2 to 6 percent. This component is on interfluves on southern piedmonts. The parent material consists of residuum weathered from granite and/or residuum weathered from gneiss. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria.

Component: Cataula (5%)
Generated brief soil descriptions are created for major soil components. The Cataula, moderately eroded soil is a minor component.

Component: Bethlehem (3%)
Generated brief soil descriptions are created for major soil components. The Bethlehem, moderately eroded soil is a minor component.

Map Unit CfC2 (4.87%)

Map Unit Name:	Cecil sandy clay loam, 6 to 10 percent slopes, moderately eroded
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Cecil(91%)

horizon A(0cm to 8cm)	Sandy clay loam
horizon Bt(8cm to 122cm)	Clay
horizon BCt(122cm to 203cm)	Sandy clay loam

Component Description:

Minor map unit components are excluded from this report.

Soil Information

Map Unit: CfC2 - Cecil sandy clay loam, 6 to 10 percent slopes, moderately eroded

Component: Cecil (91%)
The Cecil, moderately eroded component makes up 91 percent of the map unit. Slopes are 6 to 10 percent. This component is on interfluves on southern piedmonts. The parent material consists of residuum weathered from gneiss and/or residuum weathered from granite. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria.

Component: Mecklenburg (3%)
Generated brief soil descriptions are created for major soil components. The Mecklenburg, moderately eroded soil is a minor component.

Component: Bethlehem (3%)
Generated brief soil descriptions are created for major soil components. The Bethlehem, moderately eroded soil is a minor component.

Component: Cataula (3%)
Generated brief soil descriptions are created for major soil components. The Cataula, moderately eroded soil is a minor component.

Map Unit CfD2 (0.36%)

Map Unit Name:	Cecil sandy clay loam, 10 to 15 percent slopes, moderately eroded
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Cecil(80%)

horizon A(0cm to 8cm)	Sandy clay loam
horizon Bt(8cm to 122cm)	Clay
horizon BC(122cm to 203cm)	Sandy clay loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: CfD2 - Cecil sandy clay loam, 10 to 15 percent slopes, moderately eroded

Component: Cecil (80%)
The Cecil component makes up 80 percent of the map unit. Slopes are 10 to 15 percent. This component is on interfluves on piedmonts. The parent material consists of residuum weathered from granite and/or residuum weathered from gneiss. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria.

Map Unit ToA (4.77%)

Map Unit Name:	Toccoa sandy loam, 0 to 3 percent slopes, frequently flooded
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	107cm
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Soil Information

Major components are printed below

Toccoa(75%)

horizon A(0cm to 5cm)	Sandy loam
horizon C1(5cm to 107cm)	Sandy loam
horizon C2(107cm to 203cm)	Loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: ToA - Toccoa sandy loam, 0 to 3 percent slopes, frequently flooded

Component: Toccoa (75%)
The Toccoa component makes up 75 percent of the map unit. Slopes are 0 to 3 percent. This component is on flood plains on piedmonts. The parent material consists of alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is frequently flooded. It is not ponded. A seasonal zone of water saturation is at 42 inches during January, February, March, December. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 3w. This soil does not meet hydric criteria.

Map Unit UsC (67.14%)

Map Unit Name:	Urban land-Cecil-Santuc complex, 2 to 10 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	66cm
Drainage Class - Dominant:	null
Hydrologic Group - Dominant:	null

Major components are printed below

Cecil(20%)

horizon A(0cm to 15cm)	Sandy loam
horizon Bt(15cm to 107cm)	Clay
horizon BC(107cm to 203cm)	Sandy clay loam

Santuc(20%)

horizon A(0cm to 8cm)	Loamy coarse sand
horizon E(8cm to 23cm)	Sandy loam
horizon Bt1(23cm to 66cm)	Sandy clay loam
horizon Bt2(66cm to 104cm)	Clay loam
horizon BC(104cm to 130cm)	Loam
horizon C(130cm to 203cm)	Sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: UsC - Urban land-Cecil-Santuc complex, 2 to 10 percent slopes

Component: Urban Land (50%)
Generated brief soil descriptions are created for major soil components. The Urban Land is a miscellaneous area.

Component: Santuc (20%)
The Santuc component makes up 20 percent of the map unit. Slopes are 2 to 10 percent. This component is on interfluves, piedmonts. The parent material consists of residuum weathered from granite and/or residuum weathered from gneiss. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 26 inches during January, February, March, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria.

Component: Cecil (20%)

The Cecil component makes up 20 percent of the map unit. Slopes are 2 to 10 percent. This component is on interfluves on piedmonts. The parent material consists of residuum weathered from gneiss and/or residuum weathered from granite. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria.

Map Unit WyC2 (0.31%)

Map Unit Name:	Wynott-Winnsboro complex, 6 to 10 percent slopes, moderately eroded
Bedrock Depth - Min:	74cm
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	D - Soils in this group have high runoff potential when thoroughly wet. Water movement through the soil is restricted or very restricted.
Major components are printed below	
Wynott(50%)	
horizon A(0cm to 13cm)	Sandy loam
horizon Bt(13cm to 53cm)	Clay
horizon BC(53cm to 74cm)	Sandy clay loam
horizon Cr(74cm to 203cm)	Weathered bedrock
Winnsboro(25%)	
horizon A(0cm to 15cm)	Sandy loam
horizon Bt(15cm to 76cm)	Clay
horizon BC(76cm to 91cm)	Sandy clay loam
horizon C(91cm to 104cm)	Sandy loam
horizon Cr(104cm to 203cm)	Weathered bedrock

Component Description:

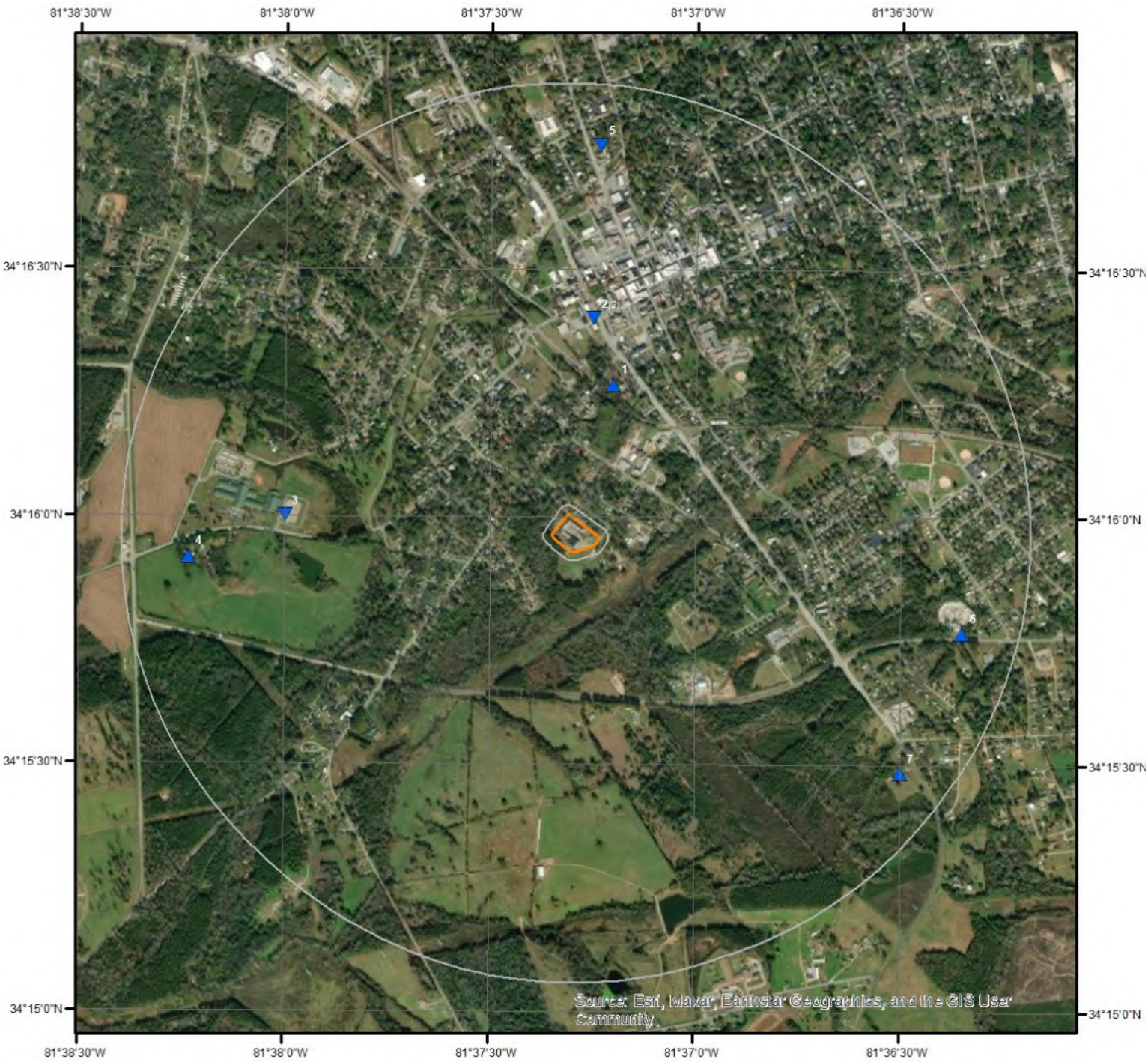
Minor map unit components are excluded from this report.

Map Unit: WyC2 - Wynott-Winnsboro complex, 6 to 10 percent slopes, moderately eroded

Component: Wynott (50%)
The Wynott component makes up 50 percent of the map unit. Slopes are 6 to 10 percent. This component is on interfluves on piedmonts. The parent material consists of residuum weathered from diorite and/or residuum weathered from gabbro. Depth to a root restrictive layer, bedrock, paralithic, is 20 to 40 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria.

Component: Winnsboro (25%)
The Winnsboro component makes up 25 percent of the map unit. Slopes are 6 to 10 percent. This component is on interfluves on piedmonts. The parent material consists of residuum weathered from diorite and/or residuum weathered from gabbro. Depth to a root restrictive layer, bedrock, paralithic, is 40 to 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria.

Wells and Additional Sources



Wells & Additional Sources

N

0 0.15 0.3 0.6 Miles

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources Summary

Federal Sources

Public Water Systems Violations and Enforcement Data

Map Key	ID	Distance (ft)	Direction
	No records found		

Safe Drinking Water Information System (SDWIS)

Map Key	ID	Distance (ft)	Direction
	No records found		

USGS National Water Information System

Map Key	ID	Distance (ft)	Direction
	No records found		

Wells from NWIS

Map Key	ID	Distance (ft)	Direction
	No records found		

State Sources

Coastal Plain Well Records

Map Key	ID	Distance (ft)	Direction
	No records found		

Oil and Gas Wells

Map Key	ID	Distance (ft)	Direction
	No records found		

Public Water Supply Wells

Map Key	ID	Distance (ft)	Direction
	No records found		

Underground Injection Control Wells

Map Key	ID	Distance (ft)	Direction
	No records found		

Wells and Additional Sources Summary

Water Wells

Map Key	SCWRC	Distance (ft)	Direction
1	38L--r002	1675.10	NNE
2	38L--r004	2407.12	N
2	38L--r003	2407.12	N
3	38L--qz02	3283.10	W
4	38L--x006	4457.43	W
5	38L--r001	4526.53	N
6	38L--vz03	4594.15	ESE
7	38L--v005	4672.78	SE

Water Wells

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	NNE	0.32	1,675.10	511.26	WATER WELLS

SCWRC:	38L--r002	Own ID:	
SCWRC Tran:		DHEC Permit NO:	36061046
SCWRC Orig:		Locattion:	Newberry
Dr Dpth:	365	Loc Accuracy:	County GIS/Tax
Com Dpth:		Quad:	Newberry East
Elev:		Quadno:	192
Elevr:		Lat:	341616
Topog:		Long:	813712
Aquifer:		Utmn:	3792203
Basin:		Utme:	442924
Water Use:	IR	Owner:	St Marks Catholic Church
Sorctp:		Contact:	
Yield:	30	Address:	928 Boundary St
Headtab Updated:	6/17/2009	City:	Newberry
Parcel ID:	343-6-5-15	State:	SC
Remarks:	1 gpm 180, 29 gpm 310 ft	Zip:	29108
CONO:	NEW-2085	Phone:	321-9088
URID:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	N	0.46	2,407.12	480.14	WATER WELLS

SCWRC:	38L--r004	Own ID:	
SCWRC Tran:		DHEC Permit NO:	
SCWRC Orig:		Locattion:	Newberry
Dr Dpth:		Loc Accuracy:	DeLorme1 (good)
Com Dpth:		Quad:	Newberry East
Elev:		Quadno:	192
Elevr:		Lat:	341624
Topog:		Long:	813715
Aquifer:		Utmn:	3792427
Basin:		Utme:	813715
Water Use:	AB	Owner:	Newberry County
Sorctp:		Contact:	
Yield:		Address:	1004 Nance St
Headtab Updated:	6/17/2009	City:	Newberry
Parcel ID:		State:	SC
Remarks:	Address on form P O Box 156, Newberry, SC 29108; abandonment-grouted 14 ft, "#1"; doesn't match any county-owned	Zip:	29108

	well in our records		
CONO:	NEW-2387	Phone:	321-2100
URID:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	N	0.46	2,407.12	480.14	WATER WELLS

SCWRC:	38L--r003	Own ID:	#1
SCWRC Tran:		DHEC Permit NO:	
SCWRC Orig:		Locattion:	Newberry
Dr Dpth:		Loc Accuracy:	DeLorme1 (good)
Com Dpth:		Quad:	Newberry East
Elev:		Quadno:	192
Elevr:		Lat:	341624
Topog:		Long:	813715
Aquifer:		Utmn:	3792427
Basin:		Utme:	813715
Water Use:	AB	Owner:	Newberry County
Sorctp:		Contact:	
Yield:		Address:	1004 Nance St
Headtab Updated:	6/17/2009	City:	Newberry
Parcel ID:		State:	SC
Remarks:	Address on form P O Box 156, Newberry, SC 29108; abandonment-grouted 14 ft, "#2"; doesn't match any county-owned well in our records	Zip:	29108
CONO:	NEW-2386	Phone:	321-2100
URID:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	W	0.62	3,283.10	471.74	WATER WELLS

SCWRC:	38L--qz02	Own ID:	
SCWRC Tran:		DHEC Permit NO:	36032532
SCWRC Orig:		Locattion:	W of Newberry
Dr Dpth:	365	Loc Accuracy:	
Com Dpth:		Quad:	Newberry W
Elev:		Quadno:	191
Elevr:		Lat:	341699
Topog:		Long:	813899
Aquifer:		Utmn:	
Basin:		Utme:	
Water Use:	DO	Owner:	Charlton Brown
Sorctp:	W	Contact:	
Yield:	8	Address:	823 Meadow View
Headtab Updated:	4/26/2009	City:	Newberry

Parcel ID:		State:	SC
Remarks:	4 at 240 4 at 340 ; not listed; no 800 numbers listed on Meadow View L	Zip:	29108
CONO:	NEW-1753	Phone:	803 254-2175
URID:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	W	0.84	4,457.43	498.96	WATER WELLS

SCWRC:	38L--x006	Own ID:	
SCWRC Tran:		DHEC Permit NO:	36099405
SCWRC Orig:		Locattion:	Newberry
Dr Dpth:	380	Loc Accuracy:	County GIS/Tax
Com Dpth:		Quad:	Newberry West
Elev:		Quadno:	191
Elevr:		Lat:	341555
Topog:		Long:	813814
Aquifer:		Utmn:	3791554
Basin:		Utme:	441327
Water Use:	DO	Owner:	T Collier Neel Jr
Sorctp:		Contact:	
Yield:	7	Address:	48 O'Neal St
Headtab Updated:	6/17/2009	City:	Newberry
Parcel ID:	292-2	State:	SC
Remarks:	owner on form Collier Neal	Zip:	29108
CONO:	NEW-2578	Phone:	
URID:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	N	0.86	4,526.53	472.19	WATER WELLS

SCWRC:	38L--r001	Own ID:	
SCWRC Tran:		DHEC Permit NO:	00-00076
SCWRC Orig:		Locattion:	Newberry
Dr Dpth:	125	Loc Accuracy:	County GIS/Tax
Com Dpth:		Quad:	Newberry E
Elev:		Quadno:	192
Elevr:		Lat:	341645
Topog:		Long:	813714
Aquifer:		Utmn:	3793074
Basin:		Utme:	442876
Water Use:	IR	Owner:	Mary N Henderson
Sorctp:	W	Contact:	
Yield:	60	Address:	1612 College St
Headtab Updated:	4/26/2009	City:	Newberry
Parcel ID:	343-2-15-14	State:	SC

Remarks:	15 gpm at 45 45 gpm at 115; owner on form JW Henderson	Zip:	29108
CONO:	NEW-1284	Phone:	803 276-1667
URID:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	ESE	0.87	4,594.15	558.82	WATER WELLS

SCWRC:	38L--vz03	Own ID:	
SCWRC Tran:		DHEC Permit NO:	36081582
SCWRC Orig:		Locattion:	Newberry
Dr Dpth:	605	Loc Accuracy:	County GIS/Tax
Com Dpth:		Quad:	Newberry East
Elev:		Quadno:	192
Elevr:		Lat:	341546
Topog:		Long:	813621
Aquifer:		Utmn:	3791274
Basin:		Utme:	444224
Water Use:	IR	Owner:	Carolina Concrete
Sorctp:		Contact:	
Yield:	35	Address:	1710 Dixie Dr
Headtab Updated:	6/17/2009	City:	Newberry
Parcel ID:	346-2-1-29	State:	SC
Remarks:	2 gpm 68, 20 gpm 74, 13 gpm 298 ft; lot listed as Player St, but actually on Dixie Dr; borderline for z, +-200 ft	Zip:	29108
CONO:	NEW-2353	Phone:	
URID:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	SE	0.88	4,672.78	555.96	WATER WELLS

SCWRC:	38L--v005	Own ID:	
SCWRC Tran:	38L--xz02	DHEC Permit NO:	
SCWRC Orig:	38L--xz2	Locattion:	SE of Newberry
Dr Dpth:	200	Loc Accuracy:	County GIS/Tax
Com Dpth:		Quad:	Newberry E
Elev:		Quadno:	192
Elevr:		Lat:	341529
Topog:		Long:	813630
Aquifer:		Utmn:	3790731
Basin:		Utme:	444001
Water Use:	DO	Owner:	Mary Dove Nichols
Sorctp:	W	Contact:	
Yield:	4	Address:	27 Nance St
Headtab Updated:	4/26/2009	City:	Newberry

Wells and Additional Sources Detail Report

Parcel ID:	346-76	State:	SC
Remarks:	Yield 4-5 gpm; owner on form Bernard Nichols, 1710 Wheeler Street, Newberry	Zip:	29108
CONO:	NEW-0783	Phone:	
URID:			

Radon Information

This section lists any relevant radon information found for the target property.

Federal EPA Radon Zone for *NEWBERRY* County: **3**

Zone 1: Counties with predicted average indoor radon screening levels greater than 4 pCi/L
Zone 2: Counties with predicted average indoor radon screening levels from 2 to 4 pCi/L
Zone 3: Counties with predicted average indoor radon screening levels less than 2 pCi/L

Federal Area Radon Information for *NEWBERRY* County

No Measures/Homes:	11
Geometric Mean:	0.6
Arithmetic Mean:	1
Median:	0.9
Standard Deviation:	0.7
Maximum:	2.1
% >4 pCi/L:	0
% >20 pCi/L:	0
Notes on Data Table:	TABLE 1. Screening indoor radon data from the EPA/State Residential Radon Survey of South Carolina conducted during 1990-91. Data represent 2-7 day charcoal canister measuremenl from the lowest level of each home tested.

Federal Sources

FEMA National Flood Hazard Layer **FEMA FLOOD**

The National Flood Hazard Layer (NFHL) data incorporates Flood Insurance Rate Map (FIRM) databases published by the Federal Emergency Management Agency (FEMA), and any Letters Of Map Revision (LOMRs) that have been issued against those databases since their publication date. The FIRM Database is the digital, geospatial version of the flood hazard information shown on the published paper FIRMs. The FIRM Database depicts flood risk information and supporting data used to develop the risk data. The FIRM Database is derived from Flood Insurance Studies (FISs), previously published FIRMs, flood hazard analyses performed in support of the FISs and FIRMs, and new mapping data, where available.

Indoor Radon Data **INDOOR RADON**

Indoor radon measurements tracked by the Environmental Protection Agency(EPA) and the State Residential Radon Survey.

Public Water Systems Violations and Enforcement Data **PWSV**

List of drinking water violations and enforcement actions from the Safe Drinking Water Information System (SDWIS) made available by the Drinking Water Protection Division of the US EPA's Office of Groundwater and Drinking Water. Enforcement sensitive actions are not included in the data released by the EPA. Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

Radon Zone Level **RADON ZONE**

Areas showing the level of Radon Zones (level 1, 2 or 3) by county. This data is maintained by the Environmental Protection Agency (EPA).

Safe Drinking Water Information System (SDWIS) **SDWIS**

The Safe Drinking Water Information System (SDWIS) contains information about public water systems as reported to US Environmental Protection Agency (EPA) by the states. Addresses may correspond with the location of the water system, or with a contact address.

Soil Survey Geographic database **SSURGO**

The Soil Survey Geographic database (SSURGO) contains information about soil as collected by the National Cooperative Soil Survey at the Natural Resources Conservation Service (NRCS). Soil maps outline areas called map units. The map units are linked to soil properties in a database. Each map unit may contain one to three major components and some minor components.

USGS Current Topo **US TOPO**

US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). The project was launched in late 2009, and the term "US Topo" refers specifically to quadrangle topographic maps published in 2009 and later.

USGS Geology **US GEOLOGY**

Seamless maps depicting geological information provided by the United States Geological Survey (USGS).

USGS National Water Information System **FED USGS**

The U.S. Geological Survey's (USGS) National Water Information System (NWIS) is the nation's principal repository of water resources data. This database includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data. NWIS database information is obtained through the Water Quality Data Portal (WQP).

Wells from NWIS **FED USGS**

The U.S. Geological Survey's (USGS) National Water Information System (NWIS) is the nation's principal repository of water resources data. The NWIS includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data. This select NWIS Wells dataset contains specific Site Types from the overall NWIS Sites data, limited to the following Group Site Types only: Groundwater Group Site Types: Well, Collector or Ranney type well, Hyporheic-zone well, Interconnected Wells, Multiple wells; Spring Group Site Type: Spring; and Other Group Site Types: Aggregate groundwater use, Cistern. Applicable NWIS database information is obtained through the Water Quality Data Portal (WQP).

State Sources

Coastal Plain Well Records **WATER WELLS**

A list of water wells in the Coastal Plain counties of South Carolina. This is provided by Department of Natural Resource's Hydrology Section.

Oil and Gas Wells **OGW**

As of RI state regulatory agencies, FracTracker Alliance - state of South Carolina confirmed not to have any active (drilled but not plugged) oil and gas wells.

Public Water Supply Wells **PWSW**

A list of Public Water Supply Wells made available by the South Carolina Department of Health and Environmental Control (DHEC) Bureau of Water (BOW).

Underground Injection Control Wells **UIC**

This list of Underground Injection Control Class V Wells is provided by the South Carolina Department of Health and Environmental Control (DHEC). The majority of Class V Wells are aquifer remediation injection wells, and the remaining are Aquifer Storage and Recovery Wells (storage of potable water in the subsurface).

Water Wells **WATER WELLS**

A list of water wells in the Piedmont (upstate) counties made available by by the South Carolina Department of Natural Resources. Some well locations are approximated to the nearest degree and minute of latitude and longitude.

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APPENDIX J

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL

synTerra

Science & Engineering Consultants

EVAN HAMO, P.G.

PROJECT SCIENTIST

- 148 River Street, Suite 220, Greenville, SC 29601
- ehamo@synterracorp.com
- 919-376-7913

EXPERTISE

- Geology
- Environmental site assessments
- Environmental remediation
- Erosion and sediment control

EDUCATION

- B.S., Geology, Appalachian State University, 2015

REGISTRATIONS / CERTIFICATIONS

- Licensed Professional Geologist in North Carolina
- OSHA 40-hr HAZWOPER
- Asbestos Building Inspector SC
- Asbestos Air Monitor SC

EXPERIENCE SUMMARY

Evan Hamo was raised in Raleigh, North Carolina. He earned his Bachelor's degree in Geology from Appalachian State University. Since graduating, Mr. Hamo has gained experience in construction operations, environmental assessments, environmental remediation, and quality assurance. In 2021, Evan earned his Geologist License from the North Carolina Board for Licensing Geologists. Key accomplishments include his work with Bloc 83 and One Glenwood office towers in downtown Raleigh. During his time in Raleigh, he headed the environmental department for the Carolinas and Tennessee. In 2022, Evan Hamo joined SynTerra as a Project Scientist.

SELECTED KEY PROJECTS

VARIOUS PROJECTS – NORTH CAROLINA, SOUTH CAROLINA, AND TENNESSEE:

During his time with SynTerra, Mr. Hamo has performed numerous Phase I and Phase II environmental assessments throughout North Carolina. In addition to his work on environmental assessments, he has worked to enter projects into North Carolina's Brownfields program.

BLOC 83 – RALEIGH, NORTH CAROLINA:

During his time with GTA Associates Inc., Mr. Hamo operated as a Staff Scientist on the Bloc 83 office tower and parking garage brownfields project located in downtown Raleigh. He played a primary role in the due diligence process including curating Phase I ESA reports for multiple residential and commercial properties totaling 1.6 acres in downtown Raleigh. Evan further oversaw tank removal, collected soil samples, and performed soil screening throughout the remediation of the property. During the construction of the office towers, he performed construction observations and testing as well as fireproofing special inspections.

ONE GLENWOOD – RALEIGH, NORTH CAROLINA:

Prior to his involvement with the Bloc 83 Project, Evan conducted key inspections, testing, and monitoring operations at the One Glenwood office tower in downtown Raleigh. Mr. Hamo was responsible for monitoring the placement of structural fill, monitoring soils for contaminants, and performing grout testing for drilled pier deep foundations. His responsibilities also included concrete testing, cold-frame steel inspections, decking inspections, and fireproofing special inspections of spray-applied and intumescent paint fireproofing.

VARIOUS PROJECTS – NORTH CAROLINA, SOUTH CAROLINA, AND TENNESSEE:

During his 6-year career with GTA Associates Inc., Mr. Hamo performed numerous Phase I environmental site assessments across the Carolinas and Tennessee. Properties included in his portfolio range from cellular towers, rural and residential land, commercial properties, logistics facilities, and various industrial properties.