GREENE COUNTY, NEW YORK
REQUEST FOR QUALIFICATIONS

For

PROFESSIONAL DESIGN SERVICES
CRIMINAL JUSTICE CENTER
ADDITION TO THE GREENE COUNTY COURTHOUSE (COURTHOUSE ANNEX)

RELEASE DATE: December 15, 2021

DEADLINE FOR SUBMISSION: Submissions are due no later than 4:00 p.m. on Monday, January 17, 2022 and shall be delivered to:

Greene County Office Building
Office of the Greene County Legislature
411 Main Street, Catskill, New York 12414
Attn: Tammy L. Sciavillo, Clerk of the Legislature

DEADLINE FOR QUESTIONS: Questions are due no later than 4:00 p.m. on Friday, January 7, 2022. All questions should be submitted by email by the deadline to the contact noted below. Addenda and responses to questions will be emailed to all firms that register.

The Request for Qualifications (RFQ) can be downloaded "free of charge" at:
https://www.greenegovernment.com/rfp/request-for-qualifications-professional-design-services-criminal-justice-center

INQUIRIES CONTACT:

Warren Hart
Deputy County Administrator
Greene County Department of Economic Development, Tourism and Planning
whart@discovergreene.com
518-719-3290

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1. INTRODUCTION/SUMMARY/DEFINITION

1.1. Introduction/Summary:

County of Greene, New York (herein referred to as "Owner" or "County") is soliciting Request for Qualifications for Professional Architectural and Engineering Design Services for the construction of a Criminal Justice Center addition to the Greene County Courthouse (herein referred to as "Project"). The Project is described in this Request for Qualifications document (herein referred to as "RFQ").

The original Greene County Courthouse is 111 years old and was constructed in 1910 with renovations and additions constructed in 2009 and includes 36,600 gross square feet of space, and approximately 29,413 of net gross square feet, with 17,325 square feet assignable for useable space. Having endured a century of continuous service, time and circumstances necessitated a major renovation of the building. The project reconfigured existing spaces and upgraded building systems to accommodate the functional requirements of the NYS judicial system while maintaining the historic character of the Classic Revival architecture. Much of the original interiors were restored including woodwork, plaster, tile and light fixtures. Accessibility was accommodated by ground level entrance vestibule and elevator additions. Exterior work included restoration of the sandstone façade and replacement of the roof balustrade and copper roofing of the cupola.

In 2021, Greene County completed the demolition of the old Greene County Jail Complex having completed comprehensive engineering and environmental analysis determining the structure to be unsafe and functionally obsolete. The project involved the complete demolition and removal of the Jail, Sherriff's Office, and D-Block addition; including disconnection of utility services (electric, natural gas, public water and sanitary sewer), abatement of identifies hazardous asbestos containing materials and lead paint, excavation for foundation removal and backfilling, contaminated soil removal, and stabilization (grading, drainage, seeding and temporary fencing for security of the adjoining Courthouse. The two story Carriage House located on the southern portion of the lot along Clarke Street was retained for future renovation and reuse.

1.2. Definition:

The County plans to construct a new Criminal Justice Center addition to the Greene County Courthouse, accommodating multiple users, to include the Office of Court Administration, the Public Defender's Office, and the District Attorney's Office. The following information represents preliminary needs to be evaluated by the Architect/Engineer in the Space Programming/Design of the Building.

1.2.1 Office of Court Administration:

The Greene County Courthouse is located in the County of Greene in the Village of Catskill. Greene County is located in the 3rd Judicial District of the NYS Unified Court System along with the counties of Albany, Columbia, Rensselaer, Schoharie, Sullivan and Ulster. The NYS Court System provides essential justice services to the people of the State of New York. The NYS Unified Court System is made up of various levels of trial and appellate courts; the highest is the Court of Appeals. Most legal issues are resolved in our state courts heard throughout the State's 62 counties. Matters brought before the State's judges, hearing officers, support magistrates and attorney-referees span the gamut of criminal cases to personal injury cases to commercial disputes to landlord-tenant issues. County Courts, located in each county outside of New York City have exclusive authority to conduct trails in felony matters, while sharing authority with local City and Town and Village Courts to handle trials in misdemeanor cases and other minor offenses. Although the County Courts try felony cases, town and village justices first arraign defendants in Town and Village Courts. Trial Courts operating outside of New York City include the Supreme Court, Family Court, Surrogate's Court and the Court of Claims. Current judges representing Greene County include: Supreme Court Justice, Honorable Lisa M. Fisher; County, Surrogate and Family Court Judges; Honorable Charles M. Tailleur, and Honorable Terry J. Wilhelm.

Office of Court Administration Preliminary Needs:

There are significant capacity and space issues in the Greene County Courthouse. Additional space for several court functions have been requested by the Office of Court Administration to be located within the new addition. Locating court functions in the new building would accomplish OCA's goal of reconfiguring existing space within the Courthouse. The public enters the courthouse through the 2009 addition along Clarke Street. Parking for the courthouse is via County owned parking lots located on Main Street (Primary Lot, 50 Spaces) and on Hill Street (Secondary Lot, 55 Spaces). The historic front

door to the courthouse is not used due to security concerns. The space needs for the Office of Court Administration in the new Courthouse Annex includes but is not limited to the following:

- Supreme Court Clerk's Office (2-3 workstations) with counter and private offices for Chief and Deputy
- Drug Court Office which will consist of coordinator's office with testing bathroom and separate conference room
- Grand Jury Room to Accommodate up to 23 Grand Jurors
- Court reporter office (5 workstations)
- Support Magistrate Chamber and Office for one staff person
- Support Magistrate Hearing Room (to be set up as a courtroom with Bench, witness stand, attorney tables, etc.; proceedings are recorded on FTR system).
- 4 small attorney conference rooms near Hearing Room
- A juvenile holding room
- Private staff restrooms (single use)
- Public/Family Restrooms (single use).
- Break Room
- Security station
- Supporting Space (Break Room, Files, Copying, Building and Grounds Maintenance, IT Computer Access)
- Enclosed, secure parking for Judges

1.2.2 <u>District Attorney</u>:

The District Attorney is an independently elected public office whose power and duties are set forth in Section 700 of the County Law. The District Attorney has the sole responsibility for the prosecution of all crimes and offenses which occur within Greene County. The District Attorney's Office partners with local, county, state and federal law enforcement agencies with a common goal to promote public safety and protect the people and property in our community. Staff of the District Attorney's Office regularly appear in each of the County's 16 town and village courts, as well as in Greene County Court in Catskill where most serious cases are handled. Upon special request the Greene County District Attorney also serves as special prosecutor for Columbia and Ulster County cases.

District Attorney Preliminary Needs:

The District Attorney's Office has a direct relation to the courts and colocation in the Criminal Justice Center provides opportunity for centralized and coordinated services which reinforces the County's criminal justice function and obligation. The space needs for District Attorney in the new Courthouse Annex includes but is not limited to the following: common areas such as waiting rooms, restrooms, breakrooms, etc. which may be shared with the Public Defender's Office.

- Office Space for 6 Assistant District Attorney's
- Office Space for the District Attorney
- Office Space for Investigators
- Office Reception Areas for 4 person Support Staff
- Waiting Room
- Large Conference Room
- Accessible Restrooms for Staff and Public
- Supporting Space (Break Room, Files, Copying, Building and Grounds Maintenance, IT Computer Access)

1.2.3 Public Defender:

The Public Defender is an appointed public office whose power and duties are set forth in Article 18-B of the County Law. The mission of the Greene County Public Defender's Office is to provide zealous representation to all people in our community who are financially unable to afford counsel. The Public Defender's Office defends people who are in danger of being deprived of their liberty interest due to a qualifying criminal accusation, proceeding or family court matter. The Public Defender's Office strives to ensure that all of our clients receive the highest level of legal services possible. The Public Defender's Office goals are to ensure that our client's constitutional and statutory rights are protected, that the law is administered without discrimination and disproportionate punishment, and further, that no one who is innocent is wrongly convicted. The Office of Public Defender provides legal representation for indigent parties at criminal court trials family court trials and appellate court trials. The Public Defender's Office also participates, when appropriate, with prosecution and law enforcement officials in alternative sentencing programs which divert defendants from incarceration.

The Public Defender' Office works closely with the New York State Office of Indigent Legal Services (OILS) whose mission is to monitor, study and make efforts to improve the quality of services provided by Public Defenders pursuant to Article 18-B of the County (Executive Law Article 30, Section 832(1). OILS does not provide legal assistance or lawyer referrals to individuals. Rather, it operates pursuant to policies established by the Board to assist county governments and indigent legal services providers in the exercise of their responsibility under County Law Article 18-B to provide the effective assistance of counsel to those persons who are legally entitled to counsel, but cannot afford to hire an attorney.

In 2003, State Finance Law Section 98-b created the Indigent Legal Services Fund, under the joint custody of the Office of State Comptroller and the Commissioner of Tax and Finance. Section 98-b also specified that the primary purpose of the Fund is to assist counties to provide legal representation for persons unable to afford it (Statutory Distributions).

Executive Law Sections 832(3)(a) and 833(7)(c) authorize the Office and Board to "target grants in support of innovate and cost effective solutions that enhance the provision of quality indigent legal services" and to incentivize counties through the use of "incentive grants" (Competitive Grants). Competitive grants differ from statutory distributions and discretionary distributions in that they are designed to encourage indigent legal services providers to develop solutions to specifically designated needs or shortcomings in the statewide provision of indigent legal services.

Public Defender Preliminary Needs:

The Public Defender's Office is currently located in the County Office Building located in Catskill. There is a severe lack of space with multiple offices shared by staff and no room for additional staff required to be hired per OILS. Secure space separating attorneys and client interview rooms. The space needs for the Public Defender in the new Courthouse Annex includes but is not limited to the following; separate space for attorney's and support staff, separate space for client interview rooms, and common areas such as waiting areas, restrooms, breakrooms, etc. which may be shared with the District Attorney's Office. More specifically, the needs are:

- Office Space for 9 Assistant Public Defenders
- Office Space for the Public Defender
- Office Space for Paralegal

- Office Space for Investigators
- Office Space for Data Officer
- Office Reception Areas for 4 person Support Staff
- Office Space for Social Workers
- Waiting Room
- Large Conference Room
- Accessible Restrooms for Staff and Public
- Supporting Space (Break Room, Files, Copying, Building and Grounds Maintenance, IT Computer Access)

1.3 The Project includes the programming, design and engineering necessary for construction and renovation of buildings and associated site work, to include but not be limited to: building construction, including construction of an elevated pedestrian walkway connecting to the Courthouse, and renovation of the Carriage House; associated site work and improvements, such as, parking, ingress and egress, sidewalks, site security landscaping, and landscape features; site investigations and site remediation as may be required; environmental quality review (SEQRA); state and local permitting. Local permitting is handled via the balancing of interests test undertaken by Greene County in consultation with the Village of Catskill.

1.3.1. The proposed addition will be constructed on the vacant parcel located at 80 Bridge Street (Tax Parcel ID 156.18-7-1) owned by the County behind the Greene County Courthouse located at 320 Main Street, Catskill, NY, 12414. **APPENDIX A.**

1.3.1.1 The vacant parcel is .68 acres in size, has public road frontage on the North and South via NYS Route 385 (Bridge Street, North Side) and Clarke Street (Village Street, South Side).

1.3.1.2 The site is adjacent to the Greene County Courthouse separated by an alley that is currently utilized for access to the rear of the Courthouse as a secure sally port for law enforcement transportation of inmates needing access to the Courthouse. The Alley is required to remain as secure access and may be utilized for secure vehicular ingress and egress for dedicated personnel entering and exiting the new building parking garage.

1.3.1.3 The site has public utilities at the adjoining streets (power, sewer, water, natural gas, internet, telephone). All utilities were disconnected during building demolition. A major water transmission line owned by the Village of Catskill runs

through the property and as such will need to be relocated/reconstructed as necessary. A large back-up generator for the Courthouse, located in the secure alley, will need to be relocated and resized to meet the needs of all buildings.

1.3.1.4 During demolition of the old County Jail Complex certain site investigations for archaeological, cultural and historic surveys and soils remediation were performed. No geotechnical report has performed. **APPENDIX B.**

1.3.1.5 A boundary and topographic survey has recently been completed by a local surveying firm.

1.3.2 The new addition shall meet the long-term facility and space needs of the County and the Greene County Court System and be designed to accommodate three stories. The ground floor shall be designed as a secure access parking garage for building occupants and OCA Judges. The goal of the project is to have the new construction tie into the historic architectural elements of the Courthouse. Preliminary building evaluations indicate a potential footprint of the building in the range of 16,000 gross square feet per floor with the potential for an optional 3,000 gross square foot building per floor on the south portion of the property fronting on Clarke Street. Pre-Design conceptual building and elevation renderings and building adjacencies have been prepared and are attached. **APPENDIX C.**

1.3.3 The exterior of the new addition or exterior improvements for façade or other site enhancements shall evaluate reuse of approximately 3,500 square feet of the Ohio Sandstone blocks removed during demolition of the old County Jail Facility. The blocks vary in size from 6-inches thick by 12-inches high and vary in length from 22 to 33 inches. Using a unit weight of 147 pounds per cubic foot, typical block sections will weigh from 135 pounds to 204 pounds. The blocks are stored on pallets at an off-site County owned property. The rear of the blocks contain the mortar used during construction, and as such are not uniform in depth and will require extensive cutting, sizing and cleaning. An appropriate method of adhering the blocks to new construction will need to be evaluated. The goal of the project is to reuse the blocks on-site for exterior materials on foundations and facades. The sandstone could also be incorporated in the construction of retaining wall systems or other on-site features. **APPENDIX D**.

1.3.4 The two story Carriage House located on the southern portion of the lot along Clarke Street shall be retained and evaluated for reuse in conjunction with the Criminal Justice

Building. The Carriage House is a two-story 2,160 square foot structure. The exterior of the Carriage House shall be renovated (repair of wood soffits/eaves; overhead door replacement to match original historic doors; brick repointing and cleaning; repointing of stone foundation walls; reconfiguration of basement access; replacement of gutters and downspouts; reestablishment of electric service and HVAC mechanicals as necessary depending upon the purpose of the reuse of the building.

1.3.5 Construction methods and schedules shall be implemented to minimize impacts to the OCA daily operations to the extent possible. The Courthouse will need to remain in operation during construction.

1.3.6 Noting that the property is compact and the project is located in the Village of Catskill there are limitations on available property(s) for mobilization areas, material storage, contractor parking, etc. during construction.

1.3.7 All members of the public shall be required to use the secure Courthouse entrance.

1.3.8 There shall be a complete segregation of OCA space from County space.

1.3.9 All space shall be fully handicapped accessible.

1.4. The County will consider submissions that provide space programming, conceptual, schematic, design development and final design, anticipated schedules for design, anticipated schedules for environmental review and permitting, preparation, release and evaluation of bid specifications and documents, and construction administration.

1.5. Design of the Project should meet the following minimum criteria:

1.5.1 Be designed to provide geotechnical, structural, architectural, mechanical, electrical, heating and cooling, fire protection, lighting, acoustics, security and protection, data/telecommunications, and audio-video systems, in accordance with New York State's Uniform Fire Protection and Energy Codes.

1.5.2 Be designed to include all fixed casework, fixed shelving, security equipment, and fixed courtroom seating, as required and to include the scope of work for procurement, delivery and installation of all loose furnishings, fixtures and equipment (FF&E).

1.5.3 Be designed with input from and to comply with the NYS Office of Court Administration's process for renovation or expansion of court facilities.

1.5.4 Be designed and constructed with input from the County's Construction Management Firm (CM). Greene County will independently hire a CM firm, acting as the County's agent, to provide specialized construction services typically including oversight of schedule, cost, quality, safety, scope and function. The CM will also work with the Architect and Architect Consultant Team during the design phase of the project on cost estimating, scheduling, and constructability review.

1.5.5 Be designed as a Public Works Project and subject to the Prevailing Wage Laws of New York State with the applicable provisions in NY Labor Law 220, Article 8 and 9. No minority or woman owned business enterprise participation goals, nor disabled veteran participation goals are required for the project.

1.5.6 Be designed as a Public Works Project with Multiple Prime Contracts pursuant to Section 135 of the New York State Finance Law (Wicks Law).

1.6 AIA Documents will be used as the standard form of agreement between Architect and Owner for Space Analysis, Building Design, Construction and Contract Administration.

1.7 The objective of this RFQ is to select a shortlist of highly qualified Architectural Firms deemed most suitable for this particular project. The short list of Proposers will be requested to submit and participate in the interview and selection stage of the submission. The County may, at any time, require the Proposer to provide additional information, additional copies of prior submissions, and/or clarification to any submission.

1.8 The County intends to enter into an Agreement with the successful Proposer for Architectural and Engineering Design Services that will have specific contract provisions that may include, but not limited to: a Contract Cost for all Architectural Design and Engineering Services costs with remuneration based upon a fixed percentage of the total construction cost of the project, contingencies, and which may include liquidated damages.

1.9 Project Schedule - These dates are preliminary and are subject to change:

1.9.1 RFQ Issuance Date: December 15, 2021

1.9.2 Last Day for Questions on RFQ: January 7, 2022 by 5:00 pm

1.9.3 Submissions Due: January 17, 2022 by 4:00 pm

1.9.4 Shortlist of Submissions and Completion of Interviews: By February 21, 2022

1.9.5 Enter into Negotiations with Successful Firm and Board Resolution to Enter into Contract: March 8, 2022

1.9.6 Programming and Concept Design by May 3, 2022

1.9.7 Schematic Design by June 14, 2022

1.9.8 Design Development by July 12, 2022

1.9.9 Construction Documents and Bidding by August 16, 2022

1.9.10 Bidding August 22, 2022 – September 26, 2022

1.9.11 Award of Contracts to Primes and Notice to Proceed by November 7, 2022

1.9.12 Sixteen-Month Construction with Substantial Completion by March 7, 2024

1.9.13 Three-Month Final Completion by June 7, 2024

2. CONTACTS, QUESTIONS, AND CLARIFICATIONS

2.1 Contact for this RFQ shall be made with Warren Hart, Deputy County Administrator, Economic Development and Planning, 411 Main Street, Catskill, NY 12414 (whart@discovergreene.com or 518-719-3290).

2.2. All questions shall be in written form by email to Warren Hart at whart@discovergreene.com.

2.3. Interpretations or clarifications considered necessary by Owner in response to such questions will be issued by Addenda (Addenda Registration Form). Proposers are solely responsible for registering to receive Addenda via email. **APPENDIX E.**

2.4. Questions received after the posted deadline may not be answered. Only questions answered by formal written Addenda will be binding. Oral and other interpretations or clarifications will not be binding.

2.5. Addenda may be issued to clarify, correct, or change the Submission Documents as deemed necessary.

3. SUBMITTAL

3.1 Six (6) copies of the Submission, shall be delivered to the County on or before the due date and time listed in order to be considered. Late submissions will not be accepted. Submissions shall be clearly identified with the Project title: ***GREENE COUNTY, NEW YORK, REQUEST FOR QUALIFICATIONS FOR PROFESSIONAL DESIGN SERVICES OF CRIMINAL JUSTICE CENTER.*** **APPENDIX F (Incorporation Form)**

3.2 Public Disclosure. Submissions in response to this RFQ shall be considered public documents and, with limited exceptions, all submissions will be available for inspection and copying by the public. If a firm considers any portion of its submission to be protected under the Freedom of Information Law governing access to public documents pursuant to Article 6 of the Public Officers Law, the firm shall identify each such portion as Confidential, Proprietary, or Business Secret. If a request is made for non-disclosure, Greene County will determine whether the material should be made available under the law. If the material is not exempt from public disclosure law, the County will notify the firm of the request and allow the firm five days to take whatever action it deems necessary to protect its interests. If the firm fails or neglects to take whatever action within said period, the County will release portions of the submission deemed subject to disclosure. By making a submission, the firm assents to the procedure outlined in this paragraph and shall have no claim against Greene County on account of actions taken under such procedure.

3.3. Packaging. Submissions shall be enclosed in an opaque sealed envelope or box, marked with the Project title and name and address of Proposer and accompanied by all required documents.

3.4. Received by Deadline. Submissions must be delivered to the County office at the address below, on or before the submittal deadline. Submissions received after the deadline will not be accepted, postmarks notwithstanding.

Greene County Office Building
Greene County Legislature
411 Main Street, Catskill, New York 12414
Attn: Tammy L. Sciavillo, Clerk of the Legislature

3.5. **Opening of Submissions**. Submissions will be opened privately after the submittal deadline.

3.6. **Presentation to County**. Proposers short listed for evaluation shall be available to give a presentation to the County with Key Staff present if required.

4. SUBMITTAL CONTENT

4.1. Orderly Presentation. Submissions shall be structured in an orderly manner addressing all requested information and requirements.

4.2. Format. Submissions should be provided in the following format:

4.2.1 Mandatory Criteria (see Section 6 of RFQ).

4.2.2 Qualifications and Experience Forms (AIA Document A305 and/or B305).

4.2.3 Past project information supplied by Architect/Engineer.

4.2.4 Remuneration Schedule: Typical fee ranges for Architectural Services and Engineering Services (Remuneration Form). Note: This is not a bid. The form is being used for evaluation purposes on range of fees typically apportioned by the Proposer. **APPENDIX G.**

4.2.4.1 Architectural/Engineering Design Services: Programming and Concept Design, Schematic Design, Design Development, Construction Documents, Bidding, Construction Administration, FFE Design, Expenses.

4.2.4.2 Civil Engineering and Geotechnical Services: Programming and Concept Design, Schematic Design Development, Construction Documents, Bidding, Construction Administration, Resident Inspection, Expenses.

5. QUALIFICATIONS AND RESPONSIVENESS

5.1. **Mandatory Criteria.** An unsatisfactory response to any item in the category titled "Mandatory Criteria" may be considered sufficient cause to disqualify an applicant from further consideration for short-listing for this Project. Responses to the RFQ shall be complete for criteria requested by the County as it relates to the project. Additional information, examples of work, and data shall be issued in a separate binder or identified by Index Tab as supplemental information. (Qualifications and Experience Forms) Use forms AIA Document A305 and/or B305 (Required to be submitted for both the Architectural and Civil Engineering Firm) **APPENDIX H (Forms Not Provided).**

5.2. **Responsiveness to RFQ.** Only responsive applications will be considered and evaluated. A responsive application must be completed according to the instructions and must include all required attachments and requested information.

5.3. **Debarment Status.** By submitting an application, the Proposer certifies that neither it nor any affiliated entity is currently debarred from submitting bids or has otherwise agreed not to submit bids on contracts with any government or business entity. If the Proposer experiences a material change in its debarment status after the application is submitted and prior to the award of the contract for the project, the Proposer shall notify the County of the change in writing at the time the change occurs or as soon thereafter as is reasonably practicable. If at any time during the evaluation process the Proposer is issued a debarment judgment then this will be considered grounds for automatic disqualification. **APPENDIX I.**

6. EVALUATION FACTORS

6.1. County Discretion. In considering a Proposer for short listing, the County will be the sole judge of the Proposer's qualifications and experience, including experience with similar projects, demonstration of ability to perform work; leadership structure; project team and experience working together, management approach, financial condition, project understanding and project schedule availability. The Project understanding shall include the County's desired level of construction quality, building site improvements, County administration and court operation procedures, and general design intent as deemed appropriate for the County. Evaluation factors are listed in no order of preference.

6.2. **Qualifications and Experience**

6.2.1. Experience with similar projects/ability methods to perform work – During the evaluation of experience and ability to perform the work, emphasis will be placed on a Proposer's performance on recent projects of a similar size and nature to the Project, including: Proposer's ability to manage costs within an established construction budget and to develop a comprehensive agreement. Other factors include, but are not limited to, delivery of a quality product, and meeting scheduled completion dates. Preference will be given to firms with the following experience:

Design Experience including the following: Municipal Government Administrative Office Design and/or Courthouse Design Experience; Fully versed in the application of the NYS Fire Prevention and Building Code (Uniform Code) and State Energy Conservation Code (Energy Code); Successful completion (on time, within budget, and per client's specifications) of government administration or courthouse facilities designed by the designated Project Architect.

6.2.2. Leadership structure/key personnel experience – Provide resumes demonstrating that the qualifications of the persons proposed for the following positions have relevant experience on projects of similar size and scope.

6.2.2.1. Key Personnel include the following:

A. Project Architect and Project Team- Experience with government administration or courthouse facilities is required.

6.2.2.2. **Other Team Members** include the following:

A. Civil Engineer - Experience working on municipal projects, parking structures, sites with confined limits, earth retention systems, etc.

B. Geotechnical Engineer – Experience working on municipal projects and earth retention systems, etc.

C. Structural Engineer - Experience working on municipal projects, parking structures, sites with confined limits, earth retention systems, precast hollow core plank, etc.

D. Mechanical, Plumbing, Fire Protection and Electrical Engineer(s) – Experience working on government administration or courthouse projects within New York State is preferred.

E. Security Consultant – Experience working on government administration or courthouse projects within New York State is preferred.

F. Audio/Visual Consultant – Experience working on government administration or courthouse projects within New York State is preferred.

6.2.3. **Management Approach.** Provide a narrative explaining your approach to successfully manage the design and construction of the Project. Include a description and examples of how you will manage design, cost, quality and schedule. Approach narrative shall begin at "Notice to Proceed" and end with "Owner Occupancy".

6.2.4. **References.** Submissions shall include a minimum of three (3) references. Preference is given to references that are of civic architecture and courthouse construction projects. The County reserves the right to contact any reference listed or non-listed party it deems appropriate. By submitting a response to this Request for Qualifications, the Proposer releases the County and any references from all liability concerning this exchange of information.

6.2.5. **Financial Condition.** Financial data will be reviewed and compared to industry standards. **Include on AIA Document A305.**

6.2.6 Other Relevant Criteria. Under separate Index Tab on binder include any relevant information, deemed to be in the best interest of the Proposer and for benefit of the County but is not identified as mandatory submission requirements.

6.2.6.1 Proposer is requested to offer any creative methods for construction means and methods that may reduce the time for construction, phasing considerations, and/or minimize disruptions acknowledging the courthouse will remain in operation during construction.

7. PROCESS AND CRITERIA FOR REVIEW OF SUBMISSIONS AND SELECTION

7.1. Compliance. Only submissions that contain sufficient information for a meaningful evaluation, and that are provided in an appropriate format, as described in this solicitation, will be considered for review.

7.2. Review Committee. The County will establish a selection committee to review submissions received under this solicitation.

7.3. Announcement of Selection for Interviews. The County will announce by letter the shortlist of the selected Proposers that will be asked to participate in the interview selection process for the Project.

7.4. Criteria for Selection. The following items will be considered in the evaluation and selection of the submissions. The County however reserves and retains the right to reject any submission at any time for any reason whatsoever.

7.4.1 Qualifications and Experience: Factors to be considered in the County's review to determine whether the Proposer possessed the requisite qualifications and experience may include but shall not be limited to:

A. Experience with similar projects;

B. Demonstration of ability to perform work;

C. Leadership structure;

D. Management approach;

E. Financial condition

F. Range of fees

7.4.2 Range of Fees: The Architect/Engineer shall provide a range of fees in percentages for the costs associated with design, bidding and construction administration phases of the project based upon the schedule identified in Section 1.9 and a construction budget of $12,000,000.00 to $18,000,000.00 as per the following breakdown of categories:

7.4.2.1 Programming and Concept Design of Construction Construct Cost

7.4.2.2 Schematic Design of Construction Cost

7.4.2.3 Design Development Construction Cost

7.4.2.4 Construction Documents of Construction Cost

7.4.2.5 Bidding and Contract Award

7.4.2.6 Construction Administration (16 months)

7.4.2.7 Total Anticipated Cost

8. TERMS AND CONDITIONS OF SOLICITATION

8.1 Request for Qualifications. This document, and all referenced documents included on Greene County's website constitute the entire Request for Qualifications package. The RFQ documents are only for the purpose of obtaining Qualifications for the Work and do not confer a license or grant to proposers for any other use.

8.2 Owner Rights. The County reserves all rights available to it by law in administering these guidelines including, without limitation, the right in its sole discretion to:

8.2.1 Reject any and all submissions at any time;

8.2.2 Terminate consideration or evaluation of any and all submissions at any time;

8.2.3 Suspend, discontinue and/or terminate discussions regarding confidentiality agreements, interim agreements and comprehensive agreements at any time prior to the authorized execution of such agreements by all parties;

8.2.4 Negotiate with a Proposer without being bound by any provision in its submission;

8.2.5 Negotiate with all or fewer than all Proposers at any given time;

8.2.6 Request and/or receive additional information regarding any submission;

8.2.7 Issue addenda to and/or cancel RFQ;

8.2.8 Revise, supplement or withdraw all or any part of the guidelines or RFQ;

9. EQUAL OPPORTUNITY

9.1 All applicable State and Federal rules and regulations must be adhered to by the consultant including stipulations on equal opportunity employment, affirmative action, nondiscrimination, civil rights, Americans with disabilities, and record keeping.

9.2 Greene County requires its consultants working on New York State funded projects (when applicable) to meet any employment and business goals imposed on grant awards through Executive Law 15-A for the State's Minority and Women Owned Business Enterprise contracting program (MWBE). Greene County also requires its consultants working on New York State funded projects (when applicable) to meet any employment and business goals imposed on grant awards (when applicable) through Executive Article 17- B for participation by Service Disabled Veteran Owned Businesses. Certified Minority and/or Women Owned Business Enterprises as well as Service Disabled Veteran Owned Businesses are encouraged to respond to the RFQ. **(APPENDIX J: If Applicable, Provide MWBE and/or SDVOB Certifications)(No Form Provided)**

9.2.1 Greene County, in accordance with Title VI of the Civil Rights Act of 1964 and 78 Stat. 252, 42 USC 2000d-d4 and Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, part 21, Nondiscrimination in federally assisted programs of the Department of Transportation issued pursuant to such Act, herby notifies all bidders that it will affirmatively ensure that any contract entered into pursuant to this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, sex or national origin in consideration for an award.

10. HOLD HARMLESS

10.1 A Proposer agrees to hold the County, its officers, employees, agents and volunteers harmless and free from all liability, loss, injury, and/or cost and expense which might be incurred by such Proposer in responding to, or as a consequence of the RFQ, and agrees to waive any and all claims for damages arising in connection with the procurement process contemplated by the RFQ.

10. 2 Applicable Laws and Courts. This solicitation and any resulting contract shall be governed in all respects by the law of the State of New York, and any litigation with respect thereto shall be brought in the court of appropriate jurisdiction in Greene County, New York.

The Architect shall comply with all applicable federal, state and local laws, rules and regulations.

10.3 Ethics in Public Contracting. Proposers certifies that their submission is made without collusion or fraud and that they have not offered or received any kickbacks or inducements from any other firm, supplier, manufacturer, or subcontractor in connection with their submission, and that they have not conferred on any public employee having official responsibility for this procurement transaction any payment, loan, subscription, advance, deposit of money, services or anything of more than nominal value, present or promised, unless consideration of substantially equal or greater value was exchanged. **APPENDIX K.**

10.4 Bidders and Proposers Acknowledgment. All vendors, bidders, and proposers acknowledge and agree to be bound by the Greene County Sexual Harassment Prevention Policy and the Greene County Discrimination Harassment Prevention Policy. **APPENDIX L.**

10.5 Investigation of Qualifications of Proposer. Proposer agrees to cooperate with such reasonable investigation as the County deems proper and necessary to determine the ability of Proposer to satisfy the terms of any contract that may be awarded pursuant to this Solicitation. Investigation may include inspection of Proposer's physical facilities prior to award to satisfy questions regarding Proposer's capabilities. Further, the County reserves the right to reject any submissions if the evidence submitted by, or investigations of, such contractor fails to satisfy the County that such Proposer is properly qualified to fulfill the obligations of the contract.

10.6 Headings. The headings included in this RFQ are for general reference purposes only and shall have no effect on the interpretation of the RFQ.

11. APPENDICES

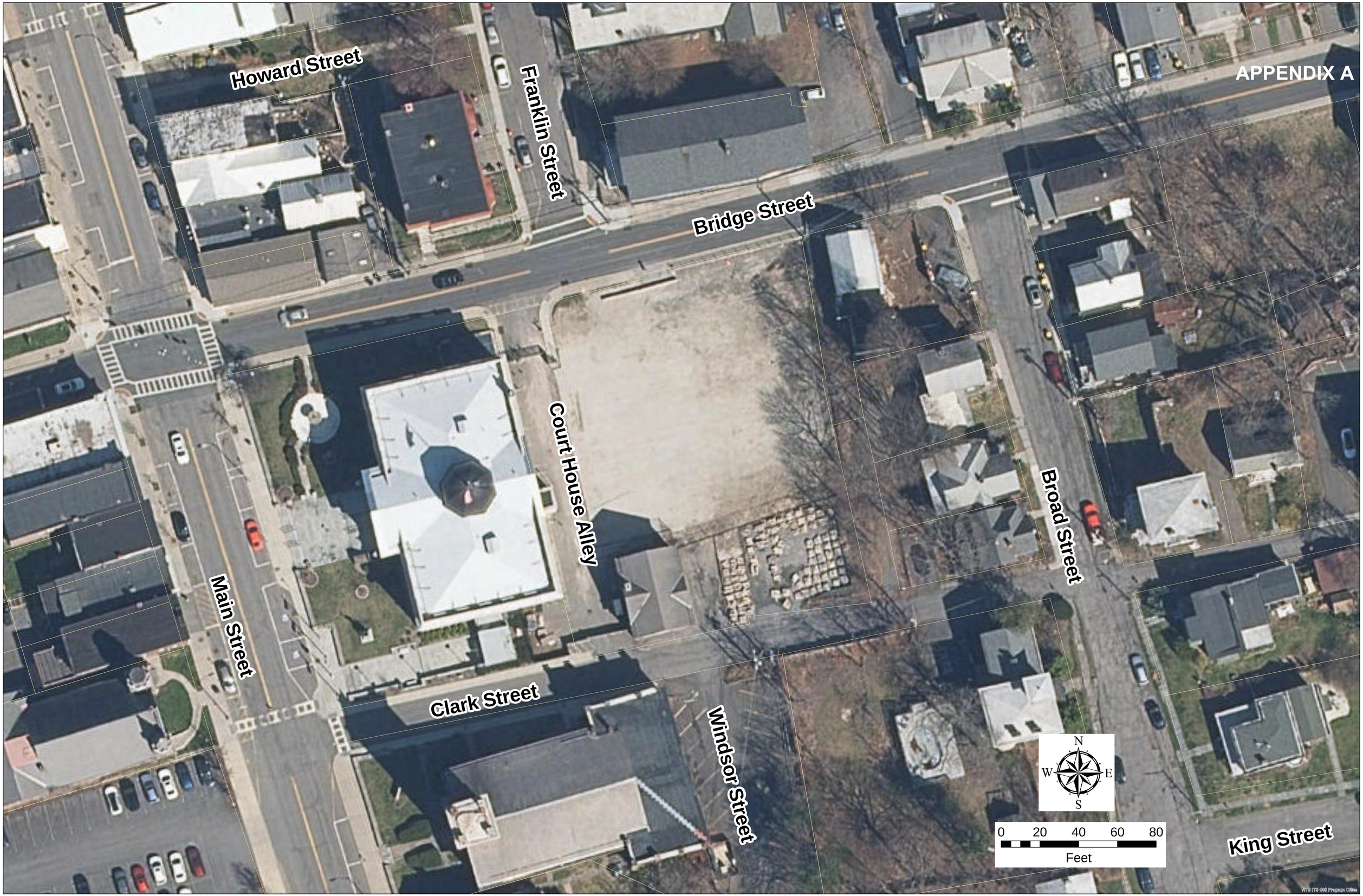
A. Project Location Map
B. Cultural Resources – Tank and Spill Reports
C. Pre-Design Conceptual Buildings and Elevations
D. Ohio Sandstone Blocks
E. Addenda Registration Form

F. Incorporation Form
G. Remuneration Form
H. Qualifications and Experience Forms AIA Document A305 and/or B305 (Required to be submitted for both the Architectural and Civil Engineering Firm)(No Form Provided)
I. Debarment Status Form
J. Certified Minority and/or Women Owned Business Enterprises as well as Service Disabled Veteran Owned (As Applicable)(No Form Provided)
K. Non-Collusion Form
L. Sexual Harassment and Discrimination Harassment Prevention Policy

Request For Qualifications
Criminal Justice Center
Addition to the Greene County Courthouse

Appendices

APPENDIX A


Howard Street
Franklin Street
Bridge Street
Court House Alley
Broad Street
Main Street
Clark Street
Windsor Street
King Street
N
W
E
S
0 20 40 60 80
Feet

APPENDIX B

Phase IA/IB Cultural Resources Survey Greene County Jail Demolition Project, Village of Catskill, Greene County New York

prepared for

Barton and Loguidice
443 Electronics Parkway,
Liverpool, NY 13088

prepared by

David Moyer and Douglas Idleman

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Gilbertsville, NY 13776
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December 2018

Management Summary

Phase IA/IB Cultural Resources Survey Greene County Jail Demolition Project,, Village of Catskill, Greene County New York

SHPO Project Review Number:

Involved State and Federal Agencies: DEC

Phase of Survey: IA/IB

Location Information
Location:82 Bridge Street
Minor Civil Division: Village of Catskill
County: Greene

Survey Area (Metric & English)
Length: 250 ft approx (76.2 m)
Width: 250 ft approx (76.2 m)
Depth: >5 ft (1.5 m)
Number of Acres Surveyed: 0.44
Number of Square Meters & Feet Excavated:
Percentage of the Site Excavated:

USGS 7.5 Minute Quadrangle Map: Hudson South

Archaeological Survey Overview
Number & Interval of Shovel Tests: 5 STPs (40 cm round) laid out in 7.5 m (25 ft) intervals in all unpaved areas.
Number & Size of Units:
Width of Plowed Strips:
Surface Survey Transect Interval:

Results of Archaeological Survey
Number & name of prehistoric sites identified: 0
Number & name of sites recommended for Phase II/Avoidance: 0

Results of Architectural Survey
Number of buildings/structures/cemeteries within project area: 2
Number of buildings/structures/cemeteries adjacent to project area: 4
Number of previously determined NR listed or eligible buildings/structures/cemeteries/districts: 2
Number of identified eligible buildings/structures/cemeteries/districts: 2

Report Author(s): David Moyer and Douglas Idleman

Date of Report:December 2018

Executive Summary

A Phase IA/IB Cultural Resources Survey has been completed for the proposed Greene County Jail Complex Demolition Project located on the south side of Bridge Street in the Village of Catskill, Greene County, New York (Figures 1 and 2; Photos 1-27). The project involves the demolition and removal of the Greene County Jail Complex structures, which includes the Jail, Sheriff's Office, and D-Block structures. A two story, three bay carriage house in the southern part of the project area will be preserved. Following the demolition, the cellar holes will be filled and the area will be paved in asphalt and converted to a parking lot. The APE is identified as tax parcel 156.18-7-1, and is approximately 0.44 acres. Depth of the proposed ground disturbance may exceed 1.5 m (5 ft) where the buildings currently exist.

The project is located within the Eastside Historic District (90NR00548), although the jail complex has not been evaluated regarding its NRHP eligibility. The Phase IA review indicated that there are sixteen previously recorded prehistoric sites within one mile of the project area, suggesting that the project vicinity is highly sensitive for precontact archaeological remains. The area is also considered highly sensitive for historic resources due to its location within a NRHP District and its proximity of four historic archaeological sites, eleven NRHP listed historic properties and six NRHP eligible structures. In addition, two 19th century map documented structures occur within the project boundaries, further attesting to the potential for historic resources in the vicinity.

A Phase IB field examination was conducted to test for cultural deposits that may be impacted by the proposed project. The project area contains several buildings and parking areas which limited the area available to perform subsurface testing. Subsurface testing was therefore placed judgmentally in areas where excavation was possible. A total of five STPs were excavated in unpaved areas at approximately 7.5 m (25 f) wherever possible. Two of the STPs in the northern APE encountered a small amount of modern refuse which was noted and reburied in the field. No historic or precontact artifacts or features were located, and no archaeological sites were identified as part of the subsurface testing.

Results of the Phase IA/IB survey indicate the project will not impact any subsurface archaeological deposits. We find that no additional archaeological investigations appear necessary and recommend that the project be allowed to proceed. These recommendations are subject to the review and concurrence of the New York State Office of Parks, Recreation, and Historic Preservation.

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Introduction

Birchwood Archaeological Services was contracted by Barton & Loguidice, D.P.C. to conduct a Phase IA/IB Cultural Resources Survey for the proposed Greene County Jail Complex Demolition Project located along Bridge Street in the Village of Catskill, Greene County, New York (Figures 1 and 2; Photos 1-27). The overview had been requested to assess the potential that significant cultural resources may be located within the project area. The investigation was performed in compliance with Section 14.09 of the New York State Parks, Recreation and Historic Preservation Law.

The proposed project is situated in an urban area on the south side of Bridge Street in the Village of Catskill and involves the complete demolition and removal of the Greene County Jail Complex structures, which includes the Jail, Sheriff's Office, and D-Block structures. A two story, three bay carriage house in the southern part of the project area will be preserved. Following the demolition, the cellar holes will be filled and the area will be paved in asphalt and converted to a parking lot. The APE consists of approximately 0.44 acres. Depth of the proposed ground disturbance may exceed 1.5 m (5 ft) where the buildings currently exist.

Background research was conducted to assess the potential for prehistoric and historic resources on the property and provide contexts with which to interpret any findings (see Part I: Documentary Research). Field investigations were conducted by the principal investigator to identify any surface features in the project area (see Part II: Field Reconnaissance).

Part I: Documentary Research

Documentary sources and collections were consulted to gain an overview of the prehistory, history, and environmental setting of the project area and surrounding region. A search was also conducted to locate known archaeological sites, historic structures, and National Register properties within one mile of the project area. Sources of information that were consulted included:

- Office of Parks, Recreation and Historic Preservation (OPRHP) site files and survey reports
- New York State Museum site files (copies at OPRHP)
- New York State Historical Association Research Library, Cooperstown
- National Register of Historic Places
- New York State Library and Archives, Albany
- Glenn Bartle Library, Binghamton University

Specific documentary references that were consulted are listed in the bibliography.

Environmental Setting

Greene County is located in eastern New York State. Greene County lies in two physiographic provinces: the Catskill section of the Appalachian Plateau in the southwest, and the Hudson Valley section of the Ridge and Valley Province in the rest of the county. The Hudson River is the primary drainage for the majority of Green County and makes up its eastern boundary. The project area lies in the Hudson Valley section of the Ridge and Valley Province, which can further be divided into three subsections: a level terrace bordering the Hudson, a range of small hills known as the Kalkberg, and a range of taller hills further west known as the Hoogeberg. The areas along the Hudson River are the result of the formation of shallow seas, mountain building, and later erosion processes. The earliest bedrock in Greene County along the Hudson formed from mud and sand deposited in a shallow sea during the Upper Cambrian and Lower Ordovician periods. Later, mountain building during the Middle Ordovician folded and distorted the bedrock, which later eroded through the Middle Silurian Epoch when another shallow sea formed in the area. Then came the rising of land that became the Catskills west of the Hudson River. The bedrock formed from the above-mentioned geological processes consist predominantly of shale, sandstone, and limestone, all of which are exposed in Greene County due to the folding and distortion caused by the uplift and erosion (Broad 1993:2-3).

Glacial activity was the dominant force in the formation of this area, with at least four major advances of glacial ice over the last million years. These glacial advances not only plowed and bulldozed the ground they moved across, they also transported the debris and sediment from current and previous glacial advances to new locations. This glacial till makes up the complex soils of the area. The final glacial retreat from New York began

16,000 years ago which formed Glacial Lake Albany. Lake Albany lasted until 12,600 years ago (Brown 1992:2-4).. With the draining of the Lake and the drying up of the area that Lake Albany once covered, fine sand and clay deposits were left behind on the flat areas of Greene County. The project area would have been under Lake Albany when the lake was present, but because of the slight to moderate slope of the area, the area would have been exposed earlier in the draining of Lake Albany and appears to show more of an upland depositional pattern as shown in the soil description.

The project area is located on a gently sloped low ridge along the Hudson River in the Village of Catskill, Greene County, New York. The elevation of the APE is approximately 53.0 ft (16.2 m) above sea level throughout the APE. The nearest named water source is Catskill Creek located 725.9 ft (221.2 m) west of the APE. The next closest water source is the Hudson River located 2,185.6 ft (666.1 m)east of the APE. Both Catskill Creek and the Hudson River flow generally north-south near Catskill and meet 4,456.8 ft (1.4 km) southeast of the APE. Other named water sources include the Hans Vosen Kill which enters Catskill Creek 3,150.0 ft (960.1 m) northwest of the APE, Ramshorn Creek located 1.2 mi (2.0 km) south of the APE, Kaaterskill Creek, which enters Catskill Creek 1.4 mi (2.3 km) west of the APE, Corlaer Creek located 1.7 mi (2.7 km) northeast of the APE, Hallenbeck Creek which enters the Hudson from the east 1.9 mi (2.9 km) northeast of the APE, and the Roeliff Jansen Kill that also enters the Hudson from the east 2.6 mi (4.2 km) south-southeast of the APE. Multiple unnamed water sources are also located near the APE. These include large wetlands located 3,157.1 ft (962.3 m) southeast of the APE, and wetlands located 4,709.0 ft (1.4 km) east of the APE that make up the Rogers Island Wildlife Management Area. These wetlands directly border and drain into the Hudson River.

Soils

The NRCS Web Soil Survey lists Nassau channery silt loam (map unit NaC) as the only soil unit occurring within the APE (Figure 3). The Nassau series consists of shallow, somewhat excessively drained soils formed in channery till derived from acid shale and slate. They are nearly level to very steep soils that overlie shale bedrock at depths of 25 to 50 cm. They are found on summits, shoulders, and backslopes of ridges and hills on glaciated uplands. A typical profile of Nassau channery silt loam is provided below in Table 1.

Table 1. Typical soil profile of Nassau channery silt loam.

Horizon	Depth	Description
Ap	0-3 in (0-8 cm)	dark brown (10YR 3/3) channery silt loam; pale brown (10YR 6/3) dry: weak fine granular structure; very friable; common fine and medium roots; 35 percent shale fragments; strongly acid; abrupt smooth boundary.
Bw1	3-17 in (8-43 cm)	yellowish brown (10YR 5/4) very channery silt loam; weak fine subangular blocky structure; friable; few fine roots; 45 percent shale fragments; strongly acid; abrupt wavy boundary.
2r	17 in (43 cm)	hard brown (10YR 4/3) and greenish gray (5G 5/1) folded shale interbedded with red and green shale.

The above soil description suggests that all buried historic and prehistoric resources should be found in the A and B horizons, to a depth of 43 cm (17 in) below ground surface. Testing should extend at least 20 cm (8 inches) below the B horizons. All resources are expected to be confined to the upper soil horizons.

This soil information is based upon documentary sources examined prior to the initiation of fieldwork. As a result, it may be necessary to modify the subsurface testing strategy in the field to meet unexpected soils, disturbances and other obstructions. The results of the subsurface testing and how they compare with the above soils information is discussed in the *Results* section of this report.

Current/Past Land Use

The project area is located within the present village of Catskill, which has been occupied since the mid-18th century. No evidence of prior agricultural land use was noted. Until recently, the project area was used as the Greene County Jail and as a sheriff's station, reflecting civic land use. The county courthouse occurs to the east of the property (Photo 6), while the village library occurs on the opposite side of Bridge Street, also reflecting civic land use (Photo 5). The jail complex was constructed in 1905.

The 1884 Sanborn fire insurance map shows two residence occurring on the property prior to the construction of the jail complex (Figure 7). 19th century homes are visible to the east of the project boundaries, also reflecting residential land use (Photos 17, 18 21 and 22). It seems probable that the destruction of the two 19th century homes to make way for the new jail complex reflecting the growth of the village at the turn of the 20th century, with newer and larger civic buildings being constructed in formerly residential areas. No other forms of land use are readily apparent.

Disturbance

Several areas of prior ground disturbance were noted as part of the surface inspection. Much of the area to the south, west and north of the existing buildings is paved in asphalt (Photos 7-11 and 21-27). A small grassy area between the jail complex and the carriage building appears disturbed by buried fuel lines extending from above ground tanks (Photo 14).

Because of the extensive nature of the ground disturbance, subsurface excavation was conducted only in unpaved areas. In most of the cases, the STPs were placed at 7.5 m (25 ft) intervals due to the lack of surrounding testable areas and the high archaeological sensitivity of the property.

Prehistoric Overview

Glaciers covered much of the Hudson Valley during the Wisconsin glaciation, which ended about 12,000 years ago. Prehistoric people may have begun occupying the area soon after the glaciers retreated. These Paleoindians were organized in highly mobile

bands adapted to the tundra and boreal forest environments present at the end of the Pleistocene. While archaeologists have traditionally emphasized the hunting of large megafauna such as mammoth and bison, there is increasing evidence that Paleoindians exploited a diverse array of small game and wild plants.

Greene County holds a unique position in our understanding of New York State prehistory for its unusually high concentration of sites with established early Paleoindian components, including the West Athens Hill Site, the Swale Site, and the King's Road site (Funk 2004). These sites represent a series of camps and workshops primarily focused around the extraction and processing of nearby chert outcrops. Unfortunately, none of these sites provided radiocarbon data that could be compared with the few other Paleoindian sites known throughout the region. In addition to large fluted points commonly thought to be used in hunting large game, unfluted lanceolate points became more common in the latter part of the Paleoindian Period.

Around 7000 B.C., stands of Spruce and Fir rapidly gave way to a denser forest of Pine and deciduous trees, with Oak becoming a dominant species (Salwen 1975; Funk 1991a). This drier climate supported less game and provided fewer plant resources for human populations. As a result, few sites dating from this Early and Middle Archaic period have been discovered in the region (Funk 1991b). Those few sites that have been found dating to this period are often found near water sources and suggest that people lived in small mobile bands and subsisted on gathered and hunted wild resources.

Beginning around 6500 B.C., the climate became increasingly wetter, resulting in an environment similar to ours today (Salwen 1975). The large number of sites from this period suggests that Late Archaic populations increased significantly at this time. While people continued to live in small, mobile bands, there was an increasing trend toward sedentism. Subsistence practices were highly diverse and included a wide variety of aquatic and terrestrial resources. Late Archaic sites range from small upland camps to large villages near the confluences of major streams.

The Transitional Period (ca. 1300-1000 B.C.) is characterized by the use of steatite vessels and smoking pipes, which gradually give way to large, thick pottery vessels. This period is very much a continuation of Late Archaic life ways, with increasing sedentism and reliance on plant resources. The Woodland Period begins about 1000 B.C. and is marked by the introduction of pottery and the development of an elaborate trade and ceremonial complex. It is during this time that people gradually began to cultivate plants.

The Late Woodland Period began around A.D. 1000 and is differentiated from its predecessor primarily on the basis of projectile point types, pottery styles and diet (Funk 1976). Hoe cultivation also appears during Late Woodland times. Diet was largely made up of cultigens (corn, beans and squash) and game supplemented by fishing and the gathering of aquatic and terrestrial resources. Large, permanent village sites occur along major rivers as well as defensive locations (Ritchie 1994). Small, ephemeral sites also occur, probably used as camps for resource extraction. These smaller sites are located in a wide variety of geographic contexts, ranging from wetlands and backwater drainages to

forested uplands. After about A.D. 1400, Algonquian speaking populations ancestral to the Mohegan occupied this stretch of the Hudson River Valley. These Proto-Mohegan groups appear to have participated in exchange with neighboring Algonquian groups, including the Abnaki to the north and Esopus and Wappinger populations to the south (Ritchie and Funk 1973).

Known Prehistoric Sites

A check of site files of the Office of Parks, Recreation, and Historic Preservation and the New York State Museum indicated that 16 precontact archaeological sites are known within one mile of the APE (Table 2) and all are located south of the APE.

The St Joseph's Prehistoric Site (03904.000174) is located east of the APE. It was identified in 2002 by Tracker Archaeology Services during work for the St. Joseph's Villa Improvement project. One untyped, chert projectile point, one chert scraper, and 47 pieces of chert debitage were recovered during the field investigations (Cammisa 2002). The Railroad Avenue Site (03940.001142) is located west of the APE. This site was identified during work for a New York State Dept. of Transportation (NYSDOT) project in 1999. The site is made up of two separate loci. Locus 1 yielded chert flakes, trim flakes, block flakes, and shatter. Locus 2 yielded 28 tertiary flakes, 20 pressure flakes, 11 bifacial thinning flakes, eight block flakes, six secondary flakes, and four matrix blocks (Raemsch and Luscier 1998, Raemsch and Luscier 1999). The Willow Site (03940.001143) is located northwest of the APE and was also identified during the previously mentioned NYSDOT project. Eleven precontact artifacts recovered, which in included flakes and a single biface (Raemsch and Luscier 1998, Raemsch and Luscier 1999). The Catskill Mouth Site (03940.001146) is located southeast of the APE. It was identified in 2003 by Tracker Archeology Services during work for the Bliss Townhouse project. One uniface, one retouched flake, one biface, and 88 pieces of debitage were recovered from the site. All artifacts were made from chert. (Cammisa 2003). The Vincent Prehistoric Site (03940.001149) is located northwest of the APE. This site was identified by Tetra Tech EC during work for the CL Transmission Line Rebuild project. Ninety chert flakes were recovered from the site.(Reeve 2007). The Thomas Cole NHL Prehistoric Site (03940.001150) is located north of the APE. This site was identified by Landmark Archaeology, Inc. in 2009 during a Phase II survey for the Thomas Cole National Historic Site. Two utilized flakes, seven pieces of debitage, and one core were recovered during the survey (Gade and Padeni 2009). The LBD Precontact Site (03940.001156) is located west of the APE. It was identified in 2016 by Hartgen Archeological Associates, Inc. during work for the Catskill Self Storage project. Four pieces of debitage were recovered during the survey (Geraghty and Krievs 2016).

According to the NY-CRIS, nine of the precontact sites within one mile of the APE were identified by the New York State Museum (NYSM). The Impastato site (NYSM 490) and the Ridge site (NYSM 491) are located southeast of the APE. The State Museum notes that these sites identified by former state archaeologist Robert E. Funk and are Early Woodland sites. No other information is available for either site. The sites designated as NYSM 3393, NYSM 3394, NYSM 3395, NYSM 7898, and NYSM 7899 were identified by former state archaeologist Arthur C. Park in the early 20th century. NYSM 3393 was

noted as a ‘campsite’. NYSM 3394 was designated as a ‘large village’. NYSM 3395 was designated as a ‘hamlet’ with ‘abundant early relics’. NYSM 7898 was noted as a ‘workshop’ and NYSM 7899 was noted as a ‘cemetery’ (Parker 1920: 567). Other than NYSM 3393 located southeast of the APE, the above NYSM sites are located south of the APE. The site designated as NYSM 6886 is located southeast of the APE. Other than it possibly being a Middle Woodland site, no other information is available for it. The Krombholz site (NYSM9219) is located southeast of the APE, but no other information is available for this site.

Table 2. Previously identified prehistoric sites within one mile of the project area.

Site Number	Cultural Affiliation	Status	Site Name/ Location	Reference
03904.000174	Unknown	I	ST JOSEPH'S PREHISTORIC SITE	(Cammisa 2002)
03940.001142	Unknown	I	RAILROAD AVENUE SITE	(Raemsch 1998, Raemsch and Luscier 1999)
03940.001143	Unknown	I	WILLOW SITE	(Raemsch 1998, Raemsch and Luscier 1999)
03940.001146	Unknown	I	CATSKILL MOUTH SITE	(Cammisa 2003)
03940.001149	Unknown	I	VINCENT PREHISTORIC SITE	(Reeve 2007)
03940.001150	Unknown	I	THOMAS COLE NHL PREHISTORIC SITE	(Gade and Padeni 2009)
03940.001156	Unknown	I	LBD PRECONTACT SITE	(Geraghty and Krievs 2016)
NYSM 490	EW		IMPASTATO	(NY-CRIS)
NYSM 491	EW		RIDGE	(NY-CRIS)
NYSM 3393	Unknown		no name	(NY-CRIS)
NYSM 3394	Unknown		no name	(NY-CRIS)
NYSM 3395	Unknown		no name	(NY-CRIS)
NYSM 6886	MW?		no name	(NY-CRIS)
NYSM 7898	Unknown		no name	(NY-CRIS)
NYSM 7899	Unknown		no name	(NY-CRIS)
NYSM 9219	Unknown		KROMBHOLZ	(NY-CRIS)

Status: I=inventoried, E=eligible, L=listed

Historic Overview

Greene County is located in eastern New York State. It is bordered by the Hudson River and Columbia County to the east, Ulster County to the south, Delaware County to the west, Schoharie County to the northwest, and Albany County to the north. It was formed from Albany County and Ulster County on March 25, 1800 with an area of approximately 686 square miles (Sullivan 1927). Because Greene County is geographically separated into the low elevation eastern section lying along the Hudson River, and the western portions located in the much higher Catskill Mountains to the west, occupation of the entire county took place at vastly different rates. European settlement in Greene County began in 1649 when Brandt Van Shechtenhorst purchased

land from Native Americans in the area and brought in people to live there (Sullivan 1927). Areas along the Hudson River and into the flat lands just to the west continued to be settled by Dutch settlers throughout the latter half of the 17th century, and this settlement continued through the 1700's with the English (French 1860). With the granting of the Hardenburgh Patent in 1708 by Queen Anne, more land was available for settlement, but discrepancies and litigation over the exact layout of the property lines led to delays in intense occupation of the Catskill Mountains and farther west (French 1860, Sullivan 1927). It wasn't until after the American Revolution that the higher elevations of the properties in the Hardenburgh Patent were fully settled. The geography of the area also played a large part in economic, industrial and commercial development. In the Catskill Mountains, logging was the primary industry and the timber and other products were brought to the Hudson for export generally south to New York City. In the lowlands along the Hudson, tanneries, mills, and brick making were popular industries along with agriculture. In the late 18th and into the early part of the 19th century, private turnpikes were used not only for local transportation of goods, but for transportation to the western parts of the country at the time. An example of this was the Susquehannah Turnpike that began in Catskill. But the development of rail systems and canals in other parts of New York led to the decline of the turnpikes in Greene County. This, along with the exhausting of the timber in the Catskills, pulled much of the economic importance of Greene County to other parts of the state. But it also allowed for a higher rate of settlement into the Catskill Mountains and the growth of the dairy and wool industries in the Greene County (French 1860, Sullivan 1927). Dairy and tourism became the primary economic industries throughout the 20th century.

The Village of Catskill is located in the Town of Catskill in the southeastern corner of Greene County. It is bordered by Columbia County and the Hudson River to the east, the Town of Saugerties in Ulster County to the south, the Town of Hunter to the east, the Town of Cairo to the northwest, and the Town of Athens to the north. The Town of Catskill was formed in 1788 when it was still a part of Albany County. The Village of Catskill was incorporated in 1806 and has been the Greene County seat since. Catskill (village) lies on a bluff or ridge directly adjacent to the Hudson River to the east. Catskill Creek runs through Catskill, dividing it into eastern and western section, and enters the Hudson at the south end of the village. The area that would become the village of Catskill began to be settled in 1684 after the land there was purchased from a Native American group (Sullivan 1927). These early settlers were primarily farmers and those using Catskill Creek to move products from the hills and mountains to the west to the Hudson. The lands around Catskill remained lightly populated during the late 1600's and through the 1700's. Even in 1792, after the end of the Revolutionary War, only ten houses made up the hamlet of Catskill. But by 1803, 13 warehouses and 31 stores could be found in the soon to be Village of Catskill. (Beers 1884). Prior to the American Revolution, the population in Catskill was low and primarily made up of farmers such as the Dubois family, mentioned in the Known Historic Sites and Structures section. But after the Revolutionary War, newcomers to the area began an intensive development of Catskill. Stephen Day was one of these newcomers and one of the Village of Catskill founders. Originally from Connecticut, Day came to Catskill in 1791. He went on to be a county judge, village president, the Commissioner of the Susquehanna Turnpike Company, and

also built the first house on the "hill" between Catskill Creek and the Hudson River. This started a trend for lawyers and merchants to also live in this upscale area (Ross 1981). The painter Thomas Cole was another resident that had a significant impact on Catskill and the Hudson Valley. Cole lived in Catskill during the 1830's and 1840's and was responsible for founding the Hudson River School style, an approach to painting that showed landscapes much more ruggedly and majestically than landscape style painting that had come before (Thomas Cole National Historic Site 2018). Early industry focused on the mills, tanneries, and farms that were started by the early residents. But as the population grew in the early 1800's, so too did the industrial aspects of the Catskill. Manufacturing grew quickly throughout the 19th century. Brick-making was significant industry in Catskill due to the large clay deposits along the Hudson River. Much of this controlled by Thomas Ferrier and his brother Robert, who together ran three separate brick-making companies in the late 19th century in the west sections of Catskill. Other industries included clothing mills and factories, foundries, lime factories, pottery, and drain tile production. Steam boat companies, based in Catskill, operated along the Hudson River (Beers). The jail structure that is associated with this project was begun in 1905. The building also contained the offices of the Greene County sheriff and apartments for the sheriff and his family, along with the 30 cells, two hospital rooms, and a padded cell of the jail itself. The facility grew to 48 cells later in the mid-20th century, and the apartments were no longer used for the sheriffs' housing (Dorpfeld 2018). Based on historical records, it seems that the same, or a very close by property, was used for the previous jail building prior to the building of the 1905 jail (Beers 1860).

Known Historic Sites and Structures

A check of site files on the New York Cultural Resources Information System (NY-CRIS) indicates that four historic archaeological sites are known within one mile of the APE (Table 3). The Brick Ruin Site (03904.000179) is located northwest of the APE. The site consists of a partial brick superstructure and a foundation. Structural subdivisions were apparent in the structure, but their function was unknown (Reeve 2006). The Thomas Cole Historic Archaeological Site (03904.000180) is located north-northeast of the APE. This site was identified on the property of the Thomas Cole National Historical Site. The historical site consists of a main house, a privy, ,and a storehouse/studio where Thomas Cole, an artist who is considered the founder of the Hudson River School art movement, lived during the 1820s-1840s. Landmark Archaeology, Inc. performed Phase I and Phase II surveys at the site. Artifacts recovered during the surveys include creamware, pearlware, whiteware, slipware, ironstone, porcelain, stoneware, terracotta, redware, refined earthenware, stoneware, bottle glass, nails, kaolin pipe fragments, and animal bone and teeth fragments representing pigs, cows, chickens, and horses. Also identified at the site were features that represented a possible carriage gate pier base, a fence stone base, and a stone walkway (Gade and Dayton 2008, Gade and Padeni 2009). The 393-401 Main St. Site (03940.001145) is located northwest of the APE. This site was identified by Hartgen Archeological Associates Inc, in 2004 during work for a utility line replacement project. Ten features that date to the 19th and early 20th centuries were located during the survey. These features include privies, trash pits, drains, utility trenches, and structure or porch fittings.

Artifacts recovered include, creamware, pearlware, whitewares, a brass ring, a clay marble, glass tableware, and bone. (Bouchard et al. 2004). The site designated as the Ferrier & Goldin, Percival Goldin & Sons, And Geo. W. Washburn Brickyards (03940.001159) are located southwest of the APE. This site was identified in 2017 by Hartgen Archeological Associates, Inc. during a survey for the Catskill Gardens development project. A stone retaining wall along with several large deposits of brick fragments and wasters belonging to the early 20th century Geo. W Washburn Brickyard were identified at the site (Wilson and Krievs 2017) .

The NY-CRIS indicated that over 500 historic structures and associated properties have been inventoried within one mile of the proposed project (Table 3). Because of the sheer number of structures and properties, those that have been deemed ineligible and those that have not yet been evaluated for inclusion on the National Register of Historic Places (NRHP) will not be discussed further.

The majority of the historic structures within one mile of the APE can be found within the East Side Historic District (03940.001153, 90NR00548), which is located within the Village of Catskill and is found on the east side of Catskill Creek. The APE lies in the southwest-central portion of this historic district. This East Side Historic District contains 530 contributing building and 48 noncontributing buildings. Most of these buildings within the district were constructed during the late 19th and into the early 20th century. Based on the dates of construction, it seems the residents of Catskill began to heavily develop the area beginning in the 1860s. But even with this heavy development in the late 19th and early 20th centuries, many structures within the historic district date to the early 19th century, with a number of examples of very late 18th century construction. A number of commercial and residential buildings along Main Street date to the early 19th century with a small number built in the 1790's. While the main sections of the structures at 242 Main St. (03940.000215) and 251 Main St. (03940.000217) were likely built in the mid-1800's, the rear portion of both structures were constructed in the 1790's. It was noted that for the 251 Main St. Structure, the rear portion would have had good access to Catskill Creek and was likely used as an inn in the 1790's. The brick structure at 260 Main St. (03940.000221) dates to 1791 and was built as a home for the Day Family. It later housed the first Greene County Bank. Other early significant buildings can be found in the East Side Historic District. The residence at 165 Broad St. (03940.000081), which contains a section of the structure that dates prior to 1800 along with a large Hudson River Bracket Style addition built in 1850. The apartment complex at 37 Clark St (03940.000702) was built in 1804. It served as the Green County Jail from 1804 to 1909 when the new jail was built on Bridge St. It was enlarged in 1862 and again in the 1880's. In 1909, it was purchased and converted into the Heidelburgh Inn by Mr. and Mrs. Beardsley. As of 1979, iron bars can still be found in the basement windows. Other early residences in Catskill include a brick residence at 86 Greene St. (03940.000118) that dates to the 1790's, a large clapboard residence with 13 rooms at 22 King St. (03940.000824),) built in 1800, a clapboard residence at 22-24 Summit Avenue (03940.000470) built in 1800 that shows Italianate style cornices and brackets, but everything else about the house shows later Victorian styles. Two structures at 152 William St. were associated with Stephen Day, and then later as part of the Burnie Side

estate owned by Samuel Hopkins. A large house built in 1803 by Stephen Day was the first house on the 'hill' between Main St. and the Hudson River. This house was later owned by Samuel Hopkins in 1867 as the Burnie Side estate, and then the Hubbard family in the 1890's. A servant's house was built on the property prior to 1867. The second residence to be built on the 'hill' was the structure at 157 William St. (03940.000588). Built in 1805, this large, two-story house was possibly originally owned by Robert Dorlon, then later Mrs. E. B Dain in 1867 when it was known as Haute Rive.

Along Water St., which lies on the east bank of Catskill Creek, multiple factories were constructed in the 19th century during the industrial growth of Catskill. Most of these date to the late 19th century, but one was built much earlier. The three-story, brick structure at 125 Water St. (03940.000527) was built in 1808 by Josiah Dutcher as a foundry and plow factory. Later, it was owned by A & B Wilties and it manufactured the first ice elevator machinery for filling ice houses by steam power. Then in 1912, it became a machine works building parts for Corliss steam engines followed by precision parts for the U.S. Air Force in World War II and Hudson River freight boats and ferries after that.

Thirteen other historic structures and properties can be found within one mile of the APE that are listed separately on the National Register of Historic Places from the East Side Historic District. Some of these structures still fall within the boundary of the East Side Historic District, while others lie outside. The Moore-Howland Estate (10NR06129 / 03904.000185) is located north of the APE on a high bluff overlooking the Hudson River outside the Village of Catskill. The estate, which historically encompassed 25 acres, contains an estate house, a carriage house, a garden house, a pump hose, a tool shed, a gazebo, a well house, the foundation of an original barn, and a non-historic garage and gallery. The estate house was begun in 1866 as a small one and a half story cottage made from stone and clapboard. A large addition was constructed on the north side of the original cottage in 1900-1901, while further additions were added in the 1980's that included attaching a caretaker's cottage to the north end of the structure. Remodeling to keep a consistent look to the residence took place during all renovations, mostly staying true to the original design of the cottage. Painter Charles Herbert Moore and his wife, Mary Jae Tomlinson, built the original cottage on the property in 1866. Moore was a painter in the Hudson River School Style and a follower of Thomas Cole. In 1871 Benjamin Howland bought the cottage from Moore. Benjamin Howland was a businessman who was part owner of the Steam Woolen Company, a manufacturer of shawls and cloth in Catskill. Howland died in 1882, but his children were the ones to expand the cottage under the directions of architect Katherine Cotheal Budd. As far as the outbuildings go, the well house and barn foundation likely date to the 1860's when Moore owned the property, but the other historic outbuildings date to approximately 1901 when Howland's children were expanding the original house. The Thomas Cole House (90NR00549 / 03940.000462) is located north of the APE at the far north end of the East Side Historic District. This property was originally developed by Thomas Cole the founder of the Hudson River School style of landscape painting. The property contains two structures: a residence and a studio. The residence was built between 1812-1814 and is a white, brick, two-story house that has had only a few changes since it was originally constructed. The house continues to be owned and used by the Cole family, and as of the

early 1980's retained many furnishings and decorations owned by Thomas Cole. The one-and-a half-story white, clapboard studio on the property was built sometime in the early 19th century and was used by Cole up until 1846. It was originally a slave quarters and a carriage house. Another building on the property was used by Cole until his death in 1848 but that structure is no longer standing. The United States Post Office-Catskill (90NR00550 / 039400226D01) is located south of the APE and lies within the East Side Historic District. This brick building was built in 1935 as a post office. The structure listed as the Eleanor (Sailing Sloop) (90NR00551)is a boat moored southeast of the APE. It is a sailing sloop that is an intact and rare surviving example of an early gaff rigged racing sloop designed by the naval architect and yacht designer, Clinton H. Crane. It was built around 1900 at the B. F. Wood shipyard on City Island in New York. In 1952, it was purchased by Philip S. Egan and was used by the Hudson River Sailing club as a school ship to the art of sailing. The Susquehannah[*sic*] Turnpike (90NR00552) begins in Greene County southeast of the APE along the Hudson River and runs north through Catskill as Main St., then heads northeast to terminate at Unadilla, NY in Otsego County. It was originally built as a direct transport route of goods from Salisbury Connecticut, to the Hudson Valley, and then continuing west to what was western New York at the time. It was incorporated in 1800 and then the portions east of the Hudson were separated off as the Ancram Turnpike. It was used as a toll road and the primary route for goods to move from central New York to the Hudson River until 1901. The primary users of the Turnpike were people hauling goods transported east and manufactured products heading back to the west. It was also used heavily by farmers and drovers moving livestock, along with emigrants traveling to the west to settle following the American Revolution. The structure listed as the Hallock, Joseph, House (91NR03332) is located west of the APE in what is known as West Catskill. Built in approximately 1855, the Hallock House is a two-story, late Greek Revival, brick house likely built by Charles Abeel but then soon sold to wealthy businessman Joseph Hallock by 1859. The Hop-O-Nose Knitting Mill (91NR03333) is located southwest of the APE on the west bank of Catskill Creek. This two-and-a-half story Romanesque Revival style brick building was built in 1881 by Thomas Ferrier, a local businessman who also started the R. Ferrier & Bros, Brickyard in Catskill. The mill could produce over 100 shirts and pairs of pants per day. The knitting mill continued to operate until 1958, when it was sold and is now used for storage and light manufacturing. The Lampman, William, House (91NR03337) is located southwest of the APE in West Catskill. This three story Second Empire, brick residence was built in approximately 1891with an associated carriage house built at the same time. The structures were built by William Lampman, a lumber dealer and contractor. The Wiley Hose Company Building (91NR03338) is located west of the APE. It was built by local build George W. Holdridge and is a three-story brick firehouse typical of the early 19th century. It was used as a firehouse until 1971. The structure listed as West Bridge St., Commercial Building at 32 (91NR03339) is located west of the APE. This three-story brick Italianate style commercial building was constructed in 1890. It is notable for showing elaborate decorating motifs in the Italianate style. The Dubois, Benjamin, House (91NR03341) is located northwest of the APE in West Catskill. This one and half story, settlement era, stone cottage was originally built in approximately 1740. Late Greek Revival / Gothic Revival alterations were added in 1850. It is the oldest extant structure in Catskill. The residence was built by Benjamin Dubois on land he inherited from his

father Solomon Dubois who had purchased the land from descendants of the owners of the original Loveridge Patent from 1682. Benjamin Dubois farmed the land and his family continued to own it until 1850 when Captain Martin purchased it and remodeled portions of it. It was ultimately purchase by the Union Free School District No. 1 and is now its business office. The structure listed as the Stone House (91NR03342 / 03940.001127) is located northwest of the APE in West Catskill. This two-story, Georgian style, stone house was built in 1774 by Hyubartis and Cornelius Dubois, two of Benjamin Dubois' sons. It too was purchased by the Union Free School District No. 1 and is used as administration offices. The Gelder, David, Octagon House (Spring Side") (97NR01264 / 03940.001112 / 03940.000730) is located west of the APE. This two-story, brick, octagon-shaped house was built by David Can Gelder in 1860. It is the only octagon house in Greene County and is based on plans designed by noted phrenologist and the proponent of the octagon house style Orson Squire Fowler from the late 1840's.

Six structures within one mile of the APE are eligible for listing on the National Register of Historic places. The Rip Van Winkle Bridge - NY 23 (02111.000071), located northeast of the APE, was constructed in 1935 and spans the Hudson River along State Route 23. No other information is available for this structure. The structure listed as Apartment - 97 Maple Ave (03940.000867) is located west of the APE. This two-and-a - half story clapboard residence was built in the early 1900's. The structure listed as Apts. And Comm. - 33 West Bridge St (03940.000992) is located west of the APE. It is a two-story brick building constructed in 1900 as an automobile garage and apartments. The Catskill High School (Middle School)) - West Main St (03940.001083) is located northwest of the APE. This is a stone and brick structures built in the early 20th century, but no other information is available for the structure. The D. Warren Residence/ Ferrier House - 85 Maple Ave (03940.000864) is located west of the APE in West Catskill. This two-story, Italian Villa style brick residence was built in 1865 by Robert Ferrier, brother of Thomas Ferrier previously mentioned regarding the Hop-O-Nose Knitting Mill. The Ferrier Brothers were involved in the brick industry in Catskill. The property was known as Mt. Pleasant. The Rip Van Winkle Bridge And Toll House - NY 23 (03940.001129) is located northeast of the APE. Along with the Rip Van Winkle Bridge, it too was built in 1935. The toll house is a two-and-a-half story brick structure.

A review of relevant historic maps shows that two map-documented structure (MDS) could be found within the footprint of the APE (Figures 4-10). Theses structure are shown at the northern end of the APE along Bridge St. These structures first appear on historic maps beginning in 1867 (Figure 6) The Village of Catskill begins appearing on maps dating to 1827 (Figure 4).

Table 3.

Previously recorded historic archaeological sites, structures and NRHP listed properties within one mile of the project area.

USN	Name	Status
03904.000179	BRICK RUIN SITE	Not Eligible
03904.000180	THOMAS COLE HISTORIC ARCHAEOLOGICAL SITE	Undetermined
03940.001145	393-401 MAIN ST. SITE	Undetermined
03940.001159	FERRIER & GOLDIN, PERCIVAL GOLDIN & SONS, AND GEO. W. WASHBURN BRICKYARDS	Undetermined
03940.001153/ 90NR00548	EAST SIDE HISTORIC DISTRICT	Listed
10NR06129/ 03904.000185	MOORE-HOWLAND ESTATE	Listed
90NR00549/ 03940.000462	COLE, THOMAS, HOUSE	Listed
90NR00550/ 039400226D01	UNITED STATES POST OFFICE-CATSKILL	Listed
90NR00551	ELEANOR (SAILING SLOOP)	Listed
90NR00552	SUSQUEHANNAH TURNPIKE	Listed
91NR03332	HALLOCK, JOSEPH, HOUSE	Listed
91NR03333	HOP-O-NOSE KNITTING MILL	Listed
91NR03337	LAMPMAN, WILLIAM, HOUSE	Listed
91NR03338	WILEY HOSE COMPANY BUILDING	Listed
91NR03339	WEST BRIDGE ST., COMMERCIAL BUILDING AT 32	Listed
91NR03341/ 03940.001116	DUBOIS, BENJAMIN, HOUSE	Listed
91NR03342/ 03940.001127	STONE HOUSE	Listed
97NR01264/ 03940.001112/ 03940.000730	VAN GELDER, DAVID, OCTAGON HOUSE (SPRING SIDE")"	Listed
02111.000071	RIP VAN WINKLE BRIDGE - NY 23	Eligible
03940.000867	APARTMENT - 97 MAPLE AVE	Eligible
03940.000992	APTS. AND COMM. - 33 WEST BRIDGE ST	Eligible
03940.001083	CATSKILL HIGH SCHOOL (MIDDLE SCHOOL)) - WEST MAIN ST	Eligible
03940.000864	D. WARREN RESIDENCE/ FERRIER HOUSE - 85 MAPLE AVE	Eligible
03940.001129	RIP VAN WINKLE BRIDGE AND TOLL HOUSE - NY 23	Eligible

Assessment of Sensitivity for Cultural Resources

An assessment of whether significant cultural resources are likely to be present within a project area must consider what is known of the prehistory of the area, including likely locations of archaeological sites and proximity to known sites; and the history of the immediate area, including whether any historic structures or features are known to exist within the project boundaries. An assessment must also consider that if cultural resources are located on a parcel, will they likely retain integrity (without which they would not be considered significant). Modifications to the land may serve to destroy all or portions of any cultural deposits that may exist.

Prehistoric Sensitivity

Sixteen precontact archaeological sites are known within one mile of the project area, directly attesting to the use of the local terrain by prehistoric peoples. While most of these sites show no strong temporally diagnostic markers, this part of New York State has had constant precontact occupation for many thousands of years dating back to the Paleoindian Period. Also, the proximity of the APE to the Hudson River, Catskill Creek, and other streams and natural wetlands would have provided many resources for precontact groups to exploit, allowing for full time occupation of the area. Due to these factors, any undisturbed sections of the APE should be considered highly sensitive for precontact remains.

Historic Sensitivity

Four historic archaeological sites and over 500 historic structures and districts can be found within one mile of the APE. Most of these structures are listed on the National Register of Historic Places because they are contributing members to the East Side Historic District in the Village of Catskill. Other NRHP listed structures are found in West Catskill on the west side of Catskill Creek. These listed structures in the village of Catskill and its outskirts date from the mid-18th century through the early 20th century in an area that has been heavily documented as being historically significant. The presence of these structures on maps showing established settlement in the early 19th century, and a well-documented history for the Hudson River Valley and eastern New York that dates to the 17th century indicates that the potential for domestic, agricultural, and industrial refuse remains dating from as early as the 18th century is moderately high. Due to these factors, any undisturbed portions of the APE should be considered moderately sensitive for historic remains.

Part II: Field Research

Field investigations were conducted to identify any historic or prehistoric cultural resources that may be impacted by the proposed project. The Phase IB fieldwork was conducted between on December 4th of 2018 and was supervised by David Moyer, RPA. Staff archaeologist Royce Duda assisted in the subsurface investigations. Photographs were taken of the project area, adjacent visible structures, and areas of disturbance (Appendix B).

Methodology

All areas of proposed ground disturbance were initially examined through a walkover designed to identify visible features and artifact scatters, areas of disturbance, and the general terrain and ground cover. Only the area within the proposed impact area was tested; areas outside of this will not be disturbed by the project.

Subsurface Testing

Standard shovel test pits (STPs) were used to test for buried cultural deposits. STPs are small (about 50 cm or 20 inch diameter) holes excavated with a shovel; sediments are screened through 1/4 inch mesh to look for artifacts. STPs are excavated in natural soil layers, as much as possible, and are dug through the topsoil to at least 15 cm (~ 6 inches) into culturally sterile subsoil.

STPs were placed using a compass and tape at 15 m (49.2 foot) intervals to form a uniform grid over all areas of proposed ground disturbance unless otherwise noted (see *Subsurface Examinations*). When an STP was placed in an area that was obviously disturbed (e.g., in a ditch along the side the road) or in standing water, an attempt was made to move the shovel test beyond the area of disturbance, to a maximum distance of 3 meters from its original location. Wetlands and areas of substantial previous disturbance were not tested. A list of the STPs and their soil profiles is provided in Appendix C. Excavation of STPs was halted 20 cm (8 in.) into culturally sterile subsoil unless noted in the STP records.

Results

Surface Inspection

The Area of Potential Effect (APE) was first subjected to a pedestrian walkover of areas to be impacted by the proposed construction. The project is situated on the south side of Bridge Street in an urban area in the village of Catskill (Figures 1 and 2; Photos 1-27). The project involves the removal of the existing jail complex buildings with the exception of the three bay carriage house building. Once the demolition is complete the foundations will be filled and levelled and the property will be used as a parking lot for the adjacent county courthouse building.

The project is located in an urban area on the south side of Bridge Street in the Village of Catskill (Photos 1-6). The public library is visible to the northwest (Photo 5), while the county courthouse building occurs directly to the west (Photo 6). The original portion of the jail complex dates to 1905 and is a square, two story sandstone structure with a hipped roof (Photo 1). A small grassy yard occurs in the front of the building. A two story concrete block addition occurs to the east of the original building (Photo 7). All of the area to the north of the addition is paved and used by the county sheriff's office to park police vehicles (Photos 8 and 9).

Much of the 0.44-acre parcel is divided by a series of chain link and razor wire fences. In addition, a large metal gate occurs in the northwestern corner of the project area to allow access to the alley between the jail complex and the court house. All of this area is paved in asphalt (Photos 10 and 11). Another addition to the main jail building is visible from this alley (Photo 12). A small grassy area occurs between the jail building and the three bay carriage building (Photo 13). While this area appears to be surrounded by a tall curb and is unlikely to produce intact prehistoric artifacts or features, this area was tested to look for evidence associated with the operation of the jail during the early 20th century. Most of the area between the jail and the carriage building appeared disturbed by buried utility lines leading from above ground propane and fuel oil tanks (Photo 14).

The grassy area extends east into a slightly larger area to the south and east of the modern jail addition and a chain link fence (Photos 15 and 16). Two additional shovel test pits were excavated in this area. The rear of several 19th century homes are visible to the east on the opposite side of the fence (Photos 17 and 18).

The southernmost section of the project area occurs to the south of this grassy area and consists of a paved parking lot (Photos 21-26). Several 19th century residences and a church building are visible (Photos 21-24). A brick three bay carriage house occurs in the southwestern corner of the APE (Photos 19 and 20). This building will not be demolished but will remain in use by the county. All of this area is paved in asphalt, including all of the area immediately around the carriage house (Photo 27).

With the exception of the buildings and landscape features (fences) associated with the jail complex, no historic or precontact cultural features were noted as part of the surface inspection.

Structures

Two structures occur within the project boundaries. The original portion of the Greene County Jail was constructed in 1905 from sandstone blocks and was used both as a jail and as the home for the sheriff and his family (Photo 1). A series of two additions are visible: one extending to the east (Photo 7) and the other extending to the south (Photo 12). As part of the proposed project, this building will be completely removed and will be replaced with an asphalt parking lot.

The other structure is a two story brick carriage house located in the southwest corner of the project area (Photos 19 and 20).This building has three bays with a cross gable and access door on the second story. It is unclear how old this building is but it likely dates to sometime between the construction of the original jail building and the more recent additions. This building will not be demolished and instead will be repurposed as part of the proposed project.

In addition to these structures, several structures are visible on adjacent parcels. Several historic structures are visible from the entrance to the jail complex along Bridge Street (Photos 1-6), including the public library (Photo 5) and the county courthouse building (Photo 6). The rear of several late 19th century homes are visible to the east of the project area behind the jail building (Photos 17, 18, 21 and 22). A church is also visible to the south of the jail complex (Photo 23). All of these visible adjacent structures are listed as part of the Eastside Historic District (90NR00548). None of the these structures on adjacent parcels will be directly impacted by the proposed demolition.

Visual Impacts

The project area is situated in an urban area on the south side of Bridge Street in the Village of Catskill (Figures 1 and 2; Photos 1-27). Nearby structures include a mix of commercial, civic and residential buildings, all of which appear greater than 50 years old. Because the project involves the demolition of the existing jail building which will not be replaced, the proposed project should not add any new forms of land use. Much of the area within the parcel is already currently paved and used as parking (Photos 7-11 and 21-27).

The Phase IA literature review indicated that there are eleven NRHP listed properties and six NRHP eligible properties within one mile of the project area. In addition, the project is located within the Eastside Historic District (90NR00548). While the jail complex has not been evaluated for potential NRHP eligibility, all of the adjacent structures are listed as contributing to the NR district.

Subsurface Examinations

The project area contains several buildings and parking areas which limited the area available to perform subsurface testing. Subsurface testing was therefore placed judgmentally in areas where excavation was possible. A total of five STPs were excavated, with A-1 and A-2 placed between the buildings and the street, and with B-1, B-2, and B-3 being placed behind the buildings. Of these five STPs, two STPs (40.0%) recovered historic cultural material: A-1 contained a fragment of metal and a piece of modern bottle glass, while A-2 contained two fragments of clam shell and a brick fragment. No modern artifacts or features were identified. No other evidence of historic or modern features were noted and no archaeological sites were identified as part of the subsurface testing.

STPs ranged in depth from 44 to 53 cm (17.3 to 20.9 in) below the ground surface, with an average STP depth of 49.2 cm (19.4 in). Soils were generally similar to the typical soil profiles examined prior to the fieldwork, with a topsoil consisting of 10YR 3/3 dark brown silty loam overlaying a subsoil consisting of 10YR 4/4 brown silty loam. No soil anomalies or evidence of fill was noted as part of the subsurface investigations.

Part III: Summary and Recommendations

A Phase IA/IB Cultural Resources Survey has been completed for the proposed Greene County Jail Complex Demolition Project located on the south side of Bridge Street in the Village of Catskill, Greene County, New York (Figures 1 and 2; Photos 1-27). The project involves the demolition and removal of the Greene County Jail Complex structures, which includes the Jail, Sheriff's Office, and D-Block structures. A two story, three bay carriage house in the southern part of the project area will be preserved. Following the demolition, the cellar holes will be filled and the area will be paved in asphalt and converted to a parking lot. The APE is identified as tax parcel 156.18-7-1, and is approximately 0.44 acres. Depth of the proposed ground disturbance may exceed 1.5 m (5 ft) where the buildings currently exist.

The project is located within the Eastside Historic District (90NR00548), although the jail complex has not been evaluated regarding its NRHP eligibility. The Phase IA review indicated that there are sixteen previously recorded prehistoric sites within one mile of the project area, suggesting that the project vicinity is highly sensitive for precontact archaeological remains. The area is also considered highly sensitive for historic resources due to its location within a NRHP District and its proximity of four historic archaeological sites, eleven NRHP listed historic properties and six NRHP eligible structures. In addition, two 19th century map documented structures occur within the project boundaries, further attesting to the potential for historic resources in the vicinity.

A Phase IB field examination was conducted to test for cultural deposits that may be impacted by the proposed project. The project area contains several buildings and parking areas which limited the area available to perform subsurface testing. Subsurface testing was therefore placed judgmentally in areas where excavation was possible. A total of five STPs were excavated in unpaved areas at approximately 7.5 m (25 f) wherever possible. Two of the STPs in the northern APE encountered a small amount of modern refuse which was noted and reburied in the field. No historic or precontact artifacts or features were located, and no archaeological sites were identified as part of the subsurface testing.

Results of the Phase IA/IB survey indicate the project will not impact any subsurface archaeological deposits. We find that no additional archaeological investigations appear necessary and recommend that the project be allowed to proceed. These recommendations are subject to the review and concurrence of the New York State Office of Parks, Recreation, and Historic Preservation.

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Appendix A.

Figures

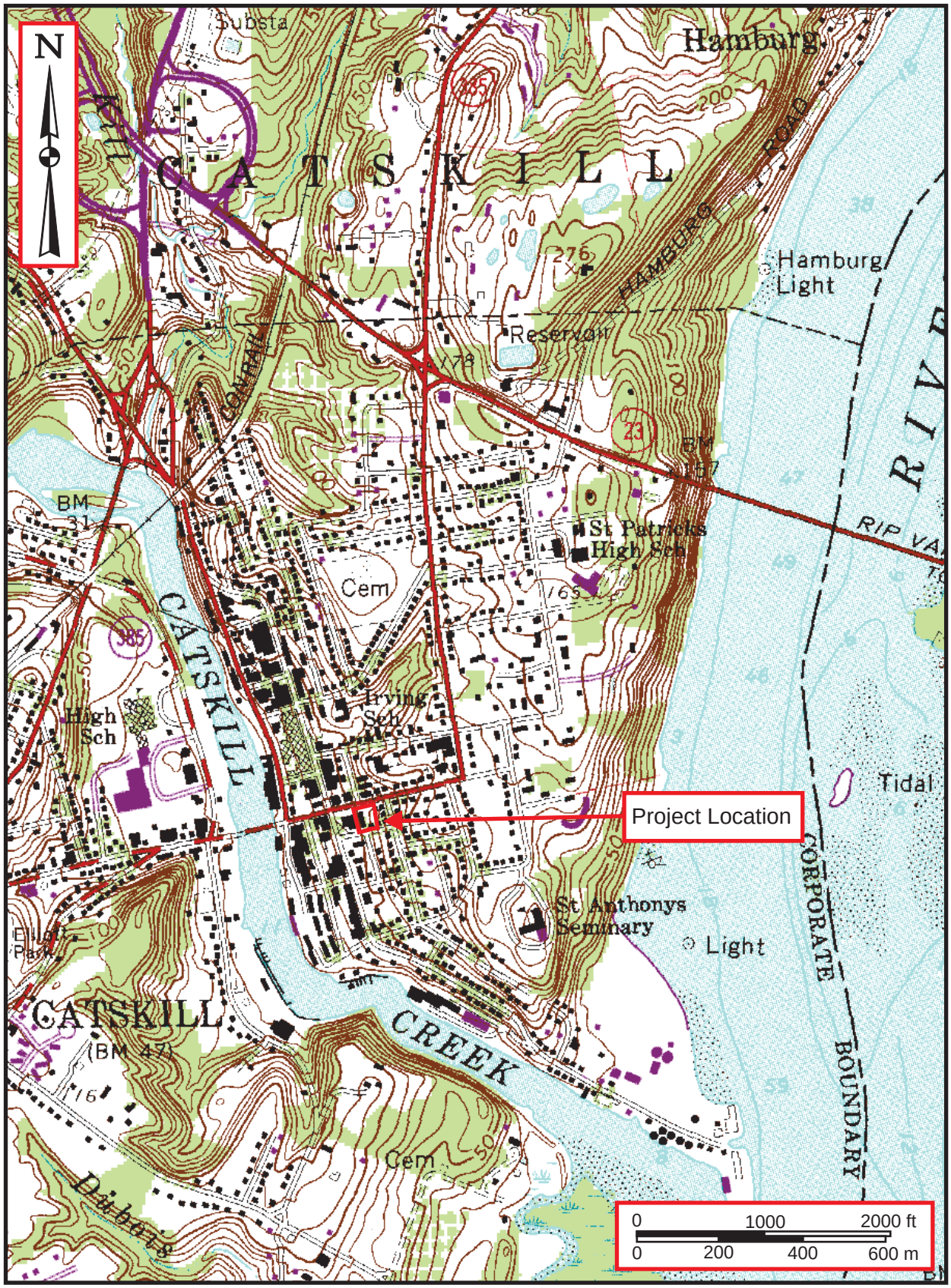

Figure 1. Map showing the location of the project area on the Hudson South 7.5 minute USGS topographic map.

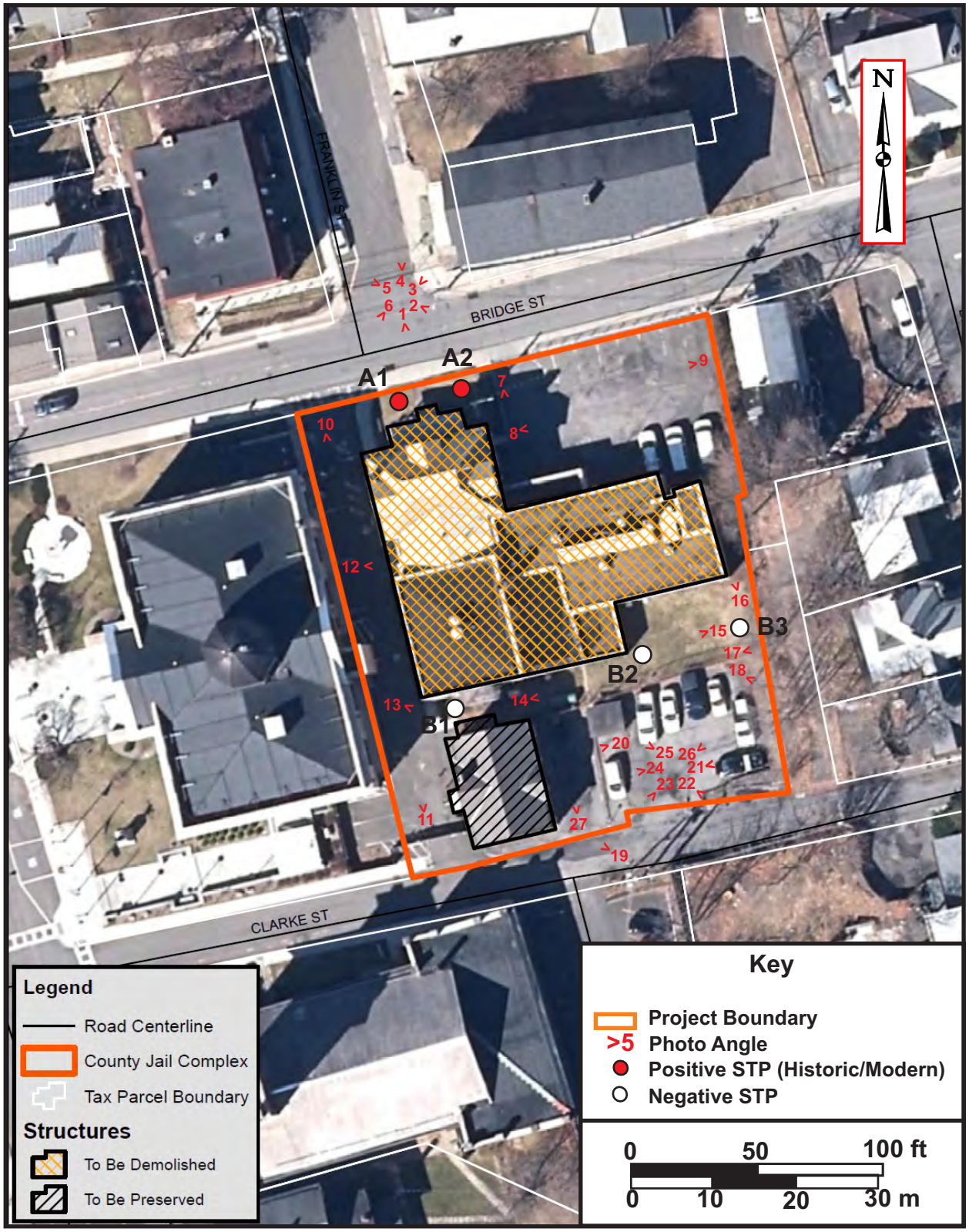

Figure 2. Map showing the location of subsurface testing within the project boundaries.

Figure 3. USDA Web Soil Survey Map with the project area indicated.

Figure 4. Detail of 1829 Burr map with the project area indicated.

Figure 5. Detail of 1856 Geil map with the project area indicated.

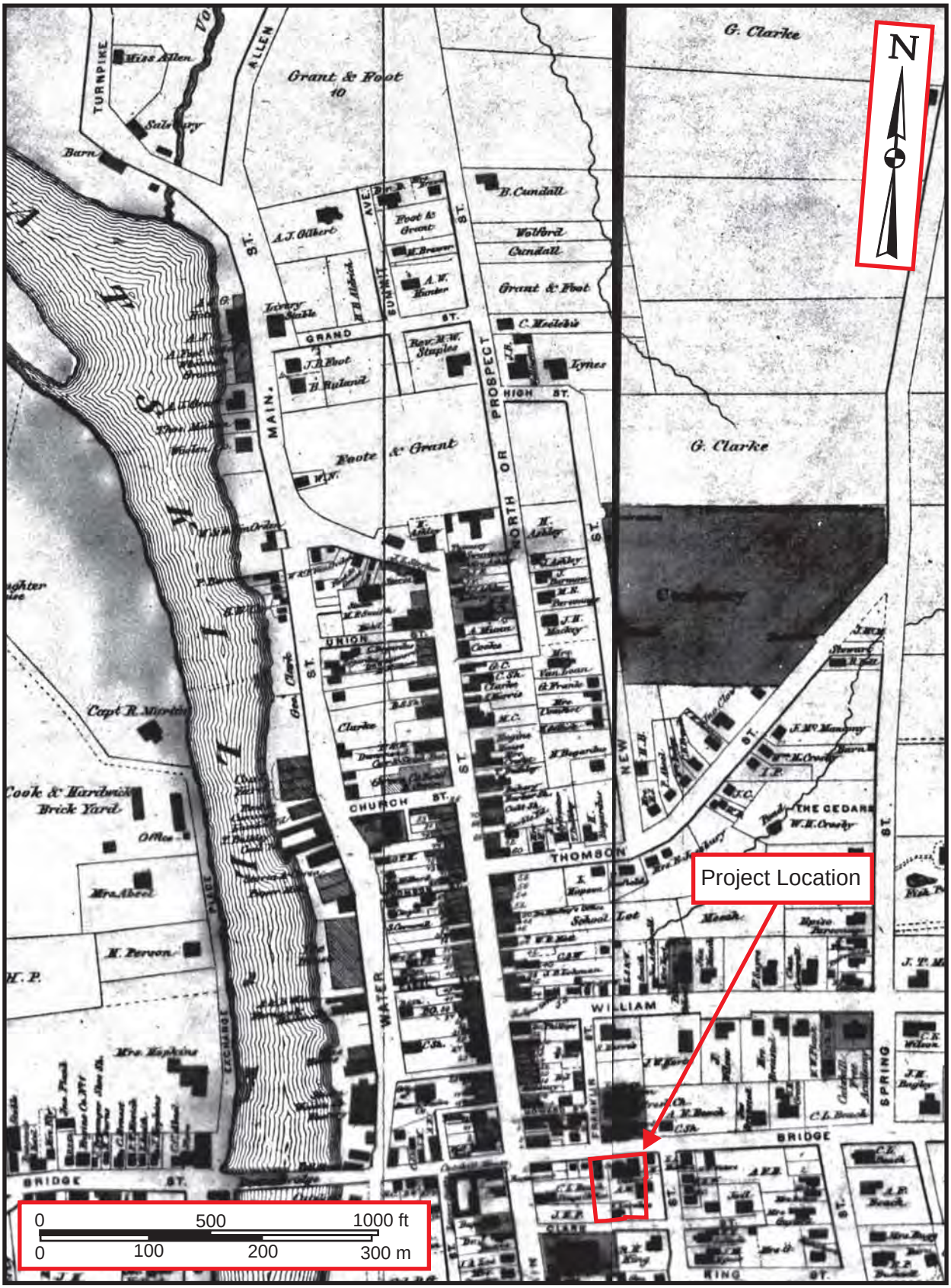

Figure 6. Detail of 1867 Beers map with the project area indicated.

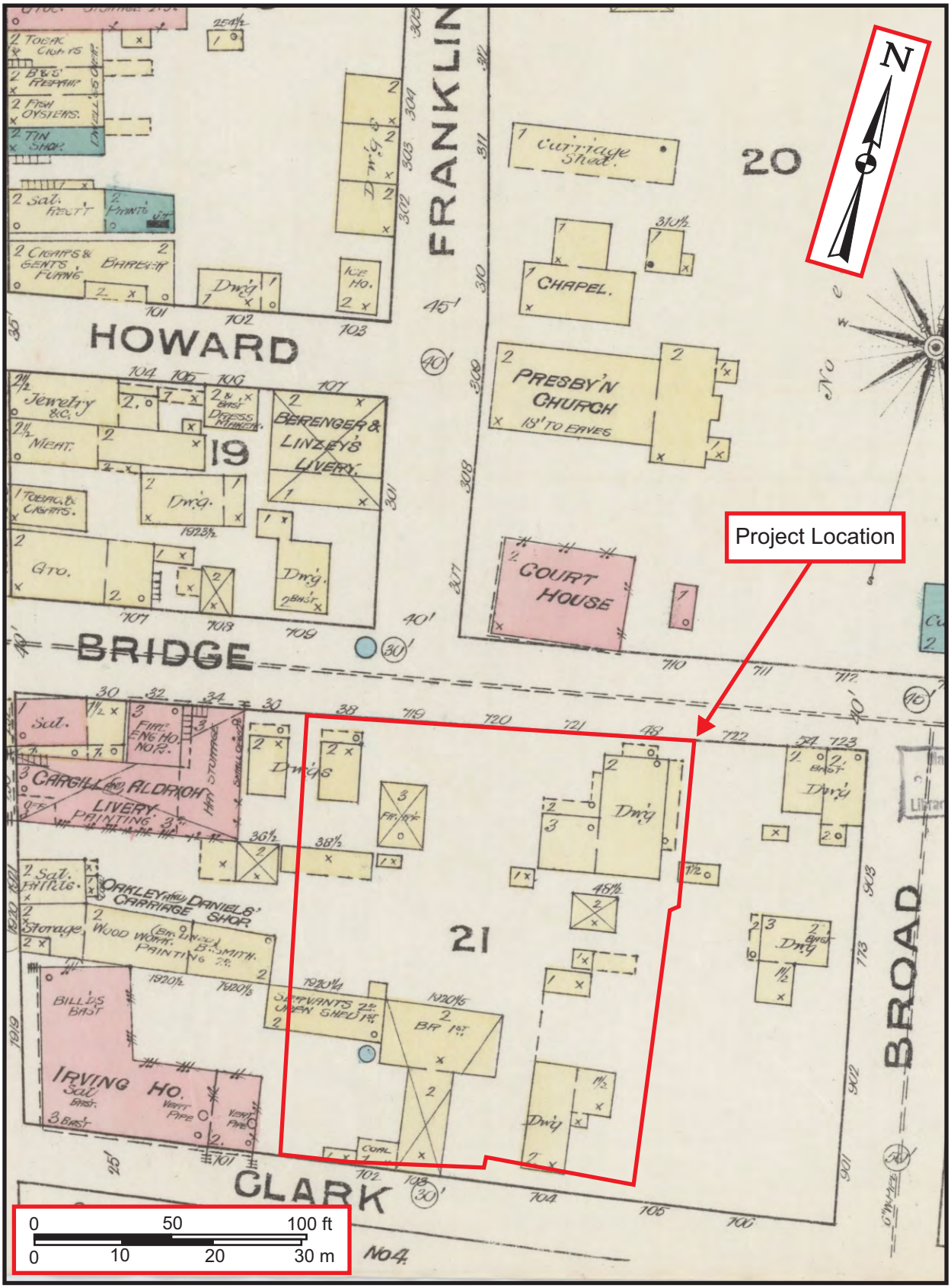

Figure 7. Detail of 1884 Sanborn Fire Insurance map with the project area indicated.

Figure 8. Detail of 1895 Catskill 15 minute topographic map with the project area indicated.

Figure 9. Detail of 1938 Catskill 15 minute topographic map with the project area indicated.

Figure 10. Detail of 1941 Catskill 15 minute topographic map with the project area indicated.

Appendix B.

Photographs

Photo 1. Portion of panoramic from entrance to the jail complex along Bridge Street, facing south.

Photo 2. Portion of panoramic from entrance to the jail complex along Bridge Street, facing southeast.

Photo 3. Portion of panoramic from entrance to the jail complex along Bridge Street, facing northeast.

Photo 4. Portion of panoramic from entrance to the jail complex along Bridge Street, facing north.

Photo 5. Portion of panoramic from entrance to the jail complex along Bridge Street, facing northwest.


Photo 6. Portion of panoramic from entrance to the jail complex along Bridge Street, facing southwest.

Photo 7. View of concrete addition to the east of the main jail building, facing south.


Photo 8. View of asphalt parking lot to the east of the jail, facing east.

Photo 9. View of asphalt parking lot to the east of the jail, facing west.

Photo 10. View of asphalt paved alley to the west of the jail complex, facing south.

Photo 11. View of asphalt paved alley to the west of the jail complex, facing north.

Photo 12. View of hyphen connecting the main jail building with the southern addition, facing west.

Photo 13. View of small grassy area in the rear of the jail building, facing southeast.


Photo 14. View of small grassy area in the rear of the jail building, facing east.

Photo 15. View of grassy area in the rear of the jail complex, facing west.

Photo 16. View of small grassy area between the east side of the jail complex and the fence, facing north.

Photo 17. View of the rear of a historic structure along Broad St. from the eastern edge of the APE, facing east.

Photo 18. View of the rear of a historic structure along Broad St. from the eastern edge of the APE, facing southeast.

Photo 19. View of the southeast corner of the carriage building in the southwest corner of the APE, facing northwest.

Photo 20. View of the front (east) façade of the three bay carriage building, facing west.

Photo 21. Portion of panoramic view from the parking lot in the southeast corner of the APE, facing east.

Photo 22. Portion of panoramic view from the parking lot in the southeast corner of the APE, facing southeast.

Photo 23. Portion of panoramic view from the parking lot in the southeast corner of the APE, facing southwest.

Photo 24. Portion of panoramic view from the parking lot in the southeast corner of the APE, facing west.

Photo 25. Portion of panoramic view from the parking lot in the southeast corner of the APE, facing northwest.

Photo 26. Portion of panoramic view from the parking lot in the southeast corner of the APE, facing northeast.

Photo 27. View of paved area in front of the carriage house bays, facing north.

Appendix C.

Shovel Test Pit Records

Appendix C.

STP Records

STP	Lvl	from (cm)	to (cm)	Soil Description	Soil Interpretation	Artifacts (Y/N)	Comments
A-1	1	0	31	10YR 3/3 dark brown silty loam	A Horizon	Y	1 metal,1 glass
A-1	2	31	53	10YR4/4 brown silty loam	B Horizon	N	
A-2	1	0	23	10YR 3/3 dark brown silty loam	A Horizon	Y	2 shell, 1 brick
A-2	2	23	47	10YR4/4 brown silty loam	B Horizon	N	
B-1	1	0	25	10YR 3/3 dark brown silty loam	A Horizon	N	
B-1	2	25	50	10YR4/4 brown silty loam	B Horizon	N	
B-2	1	0	27	10YR 3/3 dark brown silty loam	A Horizon	N	
B-2	2	27	52	10YR4/4 brown silty loam	B Horizon	N	
B-3	1	0	18	10YR 3/3 dark brown silty loam	A Horizon	N	
B-3	2	18	44	10YR4/4 brown silty loam	B Horizon	N	

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Barton & Loguidice

February 17, 2021

Mr. Michael Rice
NYSDEC – Region 4
1130 N. Westcott Road
Schenectady, NY 12306

Re: Greene County Jail Demolition Project
Tank and Spill Closure Report
NYSDEC PBS Number 4-484946
NYSDEC Spill No. 2008178

File: 316.035.001

Dear Mr. Rice,

Barton and Loguidice, D.P.C. (B&L) has prepared this letter report on behalf of Greene County to document the closure of a 1,000-gallon steel single-wall aboveground storage tank (AST) and a 1,000-gallon steel single-wall underground storage tank (UST), both used to store fuel oil, and an associated spill at the Greene County Jail located at 80 Bridge Street, Catskill, New York. The tanks were never registered on the facility's Petroleum Bulk Storage (PBS) Registration (NYSDEC PBS No. 6-502995) when they were installed in 1976. The Green County Courthouse was previously registered with a 2,000-gallon heating oil tank that was removed and closed in 2009. It is understood that NYSDEC considers the Greene County Courthouse and the Jail to be part of one contiguous property since they are on adjacent parcels all owned by the same entity. At the time of the registration of the 2,000-gallon heating oil tank (Tank No. 701), the 1,000-gallon AST and 1,000-gallon UST should have also been registered, as there was a single heating oil tank with a storage capacity greater than 1,100-gallons. The 1,000-gallon AST and 1,000-gallon UST will be registered as Tank No. 702 and Tank No. 703, respectively, as part of this letter report, in order to properly document installation and closure.

Tank Closure Summary

Prior to the tanks' closure and removal, NRC East Environmental Services, Inc. (NRC) collected the remaining fuel oil in Tank 702 (approximately 950 gallons) and transported to Industrial Oil Tank Service Corp. in Oriskany, NY on November 2, 2020. Precision Industrial Maintenance, Inc. (Precision) collected the remaining fuel oil in Tank 703 (approximately 468 gallons) and transported to Industrial Oil Tank Service Corp. in Oriskany, NY on December 16, 2020 (see Non-hazardous Waste Disposal Manifests for Fuel Oil in Attachment A). Jackson Demolition Service, Inc. (Jackson), in conjunction with Precision, completed the closure and removal of the tanks between December 18, 2020 and December 21, 2020. B&L personnel were onsite on December 18, 2020 to observe the tank excavation and spill closure activities, and to collect confirmation soil samples.

443 Electronics Parkway, Liverpool, NY 13088 · Office: 315-457-5200 · Fax: 315-451-0052 · BartonandLoguidice.com

Jackson excavated and removed the UST from the ground on December 18, 2020 and staged on polyvinyl sheeting for cleaning. B&L visually observed the tank, and found the tank integrity to be intact. The tank exterior was observed to be slightly corroded; however, no evidence of cracking, pitting, staining, or leaks were observed. The UST anchors, concrete tank pad, and all associated piping were excavated and staged on polyvinyl sheeting. The underground piping was removed and flushed clean for disposal. The AST and associated piping was also removed and staged on polyvinyl sheeting for cleaning. On December 21, 2020, Precision cleaned both tanks, removed all fuel oil residual sludge, and wiped down in the interior walls. A total of 270 pounds of sludge waste were collected in a drum and transported for disposal at Cycle Chem, Inc. in Elizabeth, NJ on December 21, 2020 (see Tank Cleaning Certificates and Non-Hazardous Waste Manifest for Tank Cleaning Residual Waste in Attachment B). The tanks were removed and transported for recycling at Calvetta Enterprises, a recycling center in Leeds, NY (see Tanks Disposal Certificate in Attachment C).

During the UST removal, Jackson excavated the soils surrounding the UST and fuel piping. B&L personnel utilized a photoionization detector (PID) and visual and olfactory observations to assess the tank grave and excavated soils, and observed no evidence of petroleum contamination in the soils surround the tank and underground fuel piping. Four (4) sidewall grab soil samples (UST-NORTH, UST-WEST, UST-SOUTH, and UST-EAST) and two (2) bottom grab samples (UST-BOTTOM-N and UST-BOTTOM-S) were collected as closure confirmation samples. Following collection of the closure samples, the remainder of the tank excavation was backfilled to the surface with excavation spoils to prevent the excavation sidewall from collapsing along a sewer line that became exposed during tank removal. Soil sample locations are shown on Figure 1.

Prior to AST closure and removal, the tank displayed visual evidence of staining on and around the tank, including the fill port and a lower pipe bung in the end of the tank that was plugged. Stained soils were observed beneath the end of the tank around the fill port and this bung. On December 18, 2020, during the AST removal, Jackson excavated the subbase material underneath the existing AST to allow for closure confirmation sample collection to investigate and assess the stained soils. Suspected petroleum impacted soils were encountered beneath the former location of the AST. B&L personnel observed visual and olfactory evidence of stained soils and a strong petroleum odor approximately one foot below ground surface (bgs) within the tank footprint. Petroleum impacted soils were excavated and removed and staged in a polyvinyl sheeting lined 20-yard roll off and also covered with polyvinyl sheeting prior to disposal while staged onsite. The NYSDEC spill hotline was called and Spill No. 2008178 was assigned. A total of 11.49 tons of petroleum impacted soils were transported by Action Waste, LLC from Rensselaer, NY and disposed of at the Colonie Landfill, in Cohoes, NY (see Non-hazardous Waste Disposal Manifest for Petroleum Impacted Soils in Attachment D).

The excavation extended to approximately 4 to 6 feet bgs surrounding the former AST location. Following removal of petroleum impacted soils, a total of six (6) confirmation samples were collected by B&L personnel along the sidewalls and bottom of the excavation. Four (4) sidewall grab soil samples (AST-NORTH, AST-WEST, AST-SOUTH, and AST-EAST) and two (2) bottom grab samples (AST-BOTTOM-W and AST-BOTTOM-E) were collected as closure confirmation samples. All headspace readings for the

collected confirmatory samples ranged between 0 and 0.1 ppm. Soil sample locations are shown on the attached Figure 1.

The confirmatory soil samples for both the UST closure and AST closure and related spill were delivered under chain-of-custody to Alpha Analytical in Westborough, MA for analysis of volatile organic compounds (VOCs) by EPA method 8260 and semi-volatile organic compounds (SVOCs) by EPA method 8270 for CP-51 list compounds. The laboratory analytical results showed the majority of compounds to be non-detect, with the exception of minor SVOC detections related with the spill cleanup of the AST; however, the detections were well below applicable criterial. No exceedances of the CP-51 soil cleanup objectives (SCOs) were exhibited in any of the collected soil samples. Summary results tables and the full analytical laboratory report is included in Attachment E.

Conclusions and Recommendations

Jackson in conjunction with Precision, completed the closure and removal of a 1,000-gallon steel single-wall AST and a 1,000-gallon steel single-wall UST, both used to store fuel oil, between December 18, 2020 and December 21, 2020. B&L personnel provided oversight of the tank closures, associated soil excavation, and performed confirmatory sampling.

Petroleum impacted soils were observed under the AST. A total of 11.49 tons of petroleum impacted soils were removed from the site. Based on the source removal described above, and confirmatory soil sample results which indicate no exceedances of CP-51 SCOs, we find the closure of Tank 702 and Tank 703, and closure of Spill No. 2008178 to be complete with no further action necessary. A copy of the PBS Registration documenting the tank closures is included in Attachment F.

If you concur with this conclusion and recommendation, we request that the Department please forward a tank closure acknowledgement letter to the Greene County Deputy Administrator directed to Warren Hart with a copy to B&L. Please contact Josh Thomas at (315) 457-5200 Ext. 1232 if you have any questions regarding this tank and spill closure report.

Sincerely,

BARTON AND LOGUIDICE, D.P.C.

Joshua R. Thomas, I.E.
Staff Engineer

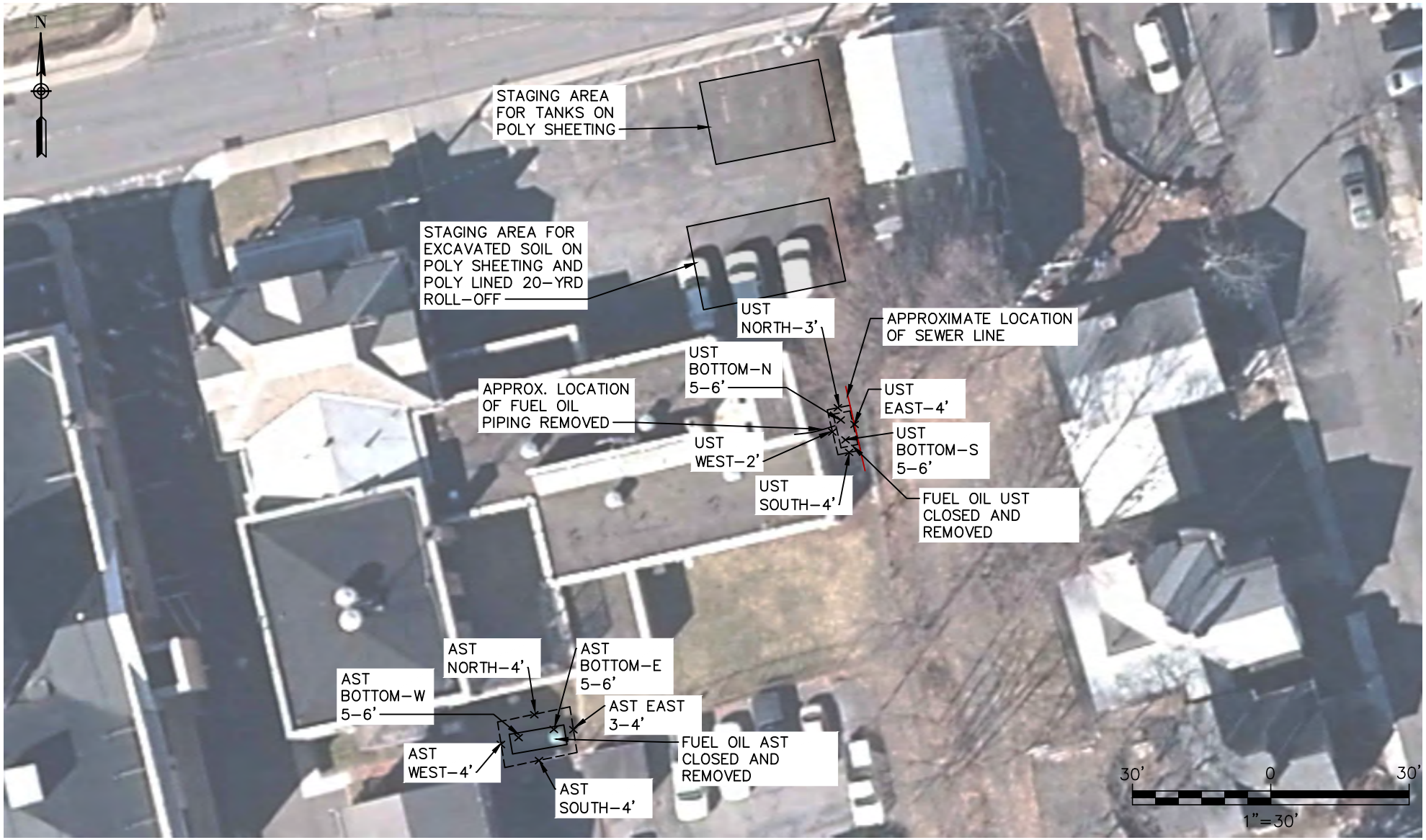
Jeffrey J. Reed, P.E.
Associate

JRT/JJR/tmj
Attachments
ec: Warren Hart, Greene County
Matthew Fuller, B&L

FIGURE 1
Soil Sampling Locations

Plotted: Jan 05, 2021 - 9:11AM SYR By: bas

Z:\BL-Vault\ID2\18217AD2-1C71-4823-8927-99D5C4054147\0\2222000-2222999\2222675\L\L\SOIL SAMPLE LOCATIONS (ID 2222675).dwg



10 Airline Drive
Suite 200
Albany, NY
12205

B&L

Barton & Loguidice, D.P.C.

Date	Scale
JANUARY 2021	AS SHOWN

LEGEND

× SOIL SAMPLE LOCATION

APPROXIMATE EXCAVATION LIMITS

GREENE COUNTY

JAIL COMPLEX DEMOLITION PROJECT

TANK CLOSURE

SOIL SAMPLING LOCATIONS

TOWN OF CATSKILL GREENE COUNTY, NEW YORK

Figure Number

1

Project Number

316.035.001

ATTACHMENT A
Non-hazardous Waste Disposal Manifests for Fuel Oil

Tank 702

3047
#160088

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
		[illegible] 599-4072	

5. Generator's Name and Mailing Address — Att. Jack Liener

Jackson Demolition - Catskill
397 Anthony Street
Schenectady, NY 12308

Generator's Phone: 518 704-160[illegible]

Generator's Site Address (if different than mailing address)

Jackson Demolition - Catskill
80 Bridge Street
Catskill NY 12414

6. Transporter 1 Company Name: NRC East Environmental Services, Inc — U.S. EPA ID Number: MAC300098399

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address

Industrial Oil Tank Service Corp
120 Dry Road
Oriskany, NY 13424

Facility's Phone: 315 736-6080 — U.S. EPA ID Number: NYR000005288

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
X	1. UN1202 Diesel fuel 3 PGIII	1	TT	950	G	NONE
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information (1) ERG#128

NRC JOB# 158467

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month 11 Day 2 Year 20

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: John [illegible] — Signature: [signature] — Month 11 Day 2 Year 20

Transporter 2 Printed/Typed Name: [illegible] — Signature: [signature] — Month 11 Day 5 Year 20

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number:

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

>60% oil

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Robert A Piatt — Signature: [signature] — Month 11 Day 05 Year 20

Tank 703

#168556

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	V S Q G	1	800-255-3924	20-01093-01

5. Generator's Name and Mailing Address
Green County
80 Bridge Street
Catskill NY 12414
Attn: Jack Deller
Generator's Phone: 518 [illegible]

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Precision Industrial Maintenance Inc

U.S. EPA ID Number
NY0001031814

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Industrial Oil Tank Service Corporation
120 Dry Road
Oriskany NY 13424
Facility's Phone: 315 736-0980

U.S. EPA ID Number
NYR000005298

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
X	1. NA1993, Diesel fuel, PGIII	01	TT	1658	G	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
1)(diesel fuel) CONTAINER QTY. & SIZE: 360 / Job#20-01093 ERG#128

>60% oil

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: X Vitalix Sandul
Signature: X
Month / Day / Year:

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Lee Thomas
Signature:
Month: 12 Day: 16 Year: 20

Transporter 2 Printed/Typed Name:
Signature:
Month / Day / Year:

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month / Day / Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Don Valenti
Signature: Don Valenti
Month: 12 Day: 16 Year: 20

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

Printed in USA by GC Labels 1-800-997-6966

DESIGNATED FACILITY'S COPY

Reorder Part# MANIFEST-CONTW 800-997-6966

ATTACHMENT B
Tank Cleaning Certificates and Non-Hazardous Waste Manifest
For Tank Cleaning Residual Waste

PRECISION
Industrial Maintenance, Inc

12/21/20

Jackson Demolition
Joshua Frederick
397 Anthony St
Schenectady, NY 12308
518-857-7289

Dear Josh,

I would like to take this opportunity to thank you for choosing Precision Industrial Maintenance Inc. (PIM) for your environmental needs. On December 21, 2020 two of our 40-hour OSHA trained technicians cleaned of (2) x 1,000 gallon Diesel fuel oil tanks located at 80 Bridge Street in Catskill, NY. They used confined space entry and PPE to enter the tanks to remove all diesel fuel residual waste, wipe down all the interior walls, and remove oily sorbents generated from cleaning. All wasted was placed into drums and disposed of to a permitted disposal facility.

The (2) x 1,000 gallon Diesel fuel oil tanks are now cleaned and able to be recycled properly. If you have any questions or comments, please feel free to contact me at (518) 346-5800.

Sincerely,

Kevin Rizzo
Project Manager

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VSQG

2. Page 1 of: 1

3. Emergency Response Phone: 800-255-3924

4. Waste Tracking Number: 20-01093-02

5. Generator's Name and Mailing Address
Att: Jack Deffler
Green County
80 Bridge Street
Catskill NY 12414
Generator's Phone: 518 764-4664

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Precision Industrial Maintenance, Inc.
U.S. EPA ID Number: NY0001031814

7. Transporter 2 Company Name: ACV ENVIRONMENTAL SERVICES, INC.
U.S. EPA ID Number: NJD003812047

8. Designated Facility Name and Site Address
Cycle Chem, Inc.
217 South First Street
Elizabeth NJ 07206
Facility's Phone: 908 355-5800
U.S. EPA ID Number: NJD002200046

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. Non-RCRA, non-DOT Regulated Solid (oily debris)	001	DM	070	P
2. Non-RCRA, non-DOT Regulated Sludge (oil sludge)	001	DM	200	P
3.				
4.				

13. Special Handling Instructions and Additional Information
1)(oily debris) / Profile#: 1X55 / CONTAINER QTY. & SIZE: 1X55
JOB#20-01093 2)

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: Eric Blair
Signature: [signature]
Month 12 Day 21 Year 20

15. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Port of entry/exit:
Date leaving U.S.:
Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Scott Krom
Signature: [signature]
Month 12 Day 21 Year 20

Transporter 2 Printed/Typed Name
Signature
Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month Day Year

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

DESIGNATED FACILITY TO GENERATOR

ATTACHMENT C
Tanks Disposal Certificate

Dmv # 7038641

30624

CALVETTA

Cauterskill Road, PO Box 696, Leeds, NY 12451

(518) 943-3000

Name Jackson Demo Date 12-23-2020

Received two
1000 gallon Tanks
for Scrap.
Tanks were
Cleaned & Purged
Paperwork is on file

ATTACHMENT D
Non-hazardous Waste Disposal Manifests for Petroleum Impacted Soils

Colonie Landfill
OP BY CAPITAL REGION LANDFILLS
1319 Loudon Road
Cohoes, New York 12047

Weighed: TINA V
Deposit: TINA V
BILL TO: 841
Jackson Demolition Svces., Inc.
397 ANTHONY ST
SCHENECTADY NY 12308

Vehicle ID:
Reference: TOC-21-003
Grid: L7C1
Ship To: GREENE COUNTY JAIL
Manifest#: 80 BRIDGE ST
PO#: CATSKILL, NY 12414

Origin: CATSKILL
DATE IN: 01/11/2021 TIME IN: 08:30:17
DATE OUT: 01/11/2021 TIME OUT: 10:30:01

INBOUND TICKET Number: 02-00544824

MANUAL GROSS WT.	58960	LB
SCALE 6 TARE WT.	35980	LB
NET WEIGHT	22980	LB

Qty	Description	Amount
11.49	Petro Cont. Soil	
1.00	Dig out Roll off	

Box 3

X Jackson

80 Bridge st Catskill

Box 3

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address
Greene County JAIL
80 Bridge St Catskill, NY
Generator's Phone:

Generator's Site Address (if different than mailing address)
80 Bridge St
Catskill, NY

6. Transporter 1 Company Name
Action Waste
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Colonie Landfill
1319 New Loudon Rd Cohoes NY 12047
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Contaminated Soil			20(1)		
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Chris Hadkins
Signature:
Month / Day / Year:

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Port of entry/exit:
Transporter Signature (for exports only):
Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Action Waste 3396 River Rd Rensselaer NY 12144 Kenneth R Pluer
Signature: Kenneth R Pluer
Month: 1 Day: 11 Year: 21

Transporter 2 Printed/Typed Name:
Signature:
Month / Day / Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month / Day / Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Tim VanAmerongen
Signature:
Month: 1 Day: 11 Year: 21

169-BLS-C 5 11979 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

ATTACHMENT E
Sampling Results Summary Table & Analytical Laboratory Report
(Alpha Analytical)

LOCATION				UST-NORTH		UST-WEST		UST-SOUTH		UST-EAST		UST-BOTTOM-N		UST-BOTTOM-S	
SAMPLING DATE				12/18/2020		12/18/2020		12/18/2020		12/18/2020		12/18/2020		12/18/2020	
LAB SAMPLE ID				L2056875-01		L2056875-02		L2056875-03		L2056875-04		L2056875-05		L2056875-06	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)															
	CasNum	NY-CP51	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry															
Solids, Total	NONE		%	86.5		92.2		83.4		91		87.4		90.8	
Semivolatile Organics by GC/MS															
Acenaphthene	83-32-9	20	mg/kg	0.15	U	0.14	U	0.16	U	0.14	U	0.15	U	0.14	U
Fluoranthene	206-44-0	100	mg/kg	0.11	U	0.026	J	0.12	U	0.11	U	0.11	U	0.11	U
Benzo(a)anthracene	56-55-3	1	mg/kg	0.11	U	0.11	U	0.12	U	0.11	U	0.11	U	0.11	U
Benzo(a)pyrene	50-32-8	1	mg/kg	0.15	U	0.14	U	0.16	U	0.14	U	0.15	U	0.14	U
Benzo(b)fluoranthene	205-99-2	1	mg/kg	0.11	U	0.11	U	0.12	U	0.11	U	0.11	U	0.11	U
Benzo(k)fluoranthene	207-08-9	0.8	mg/kg	0.11	U	0.11	U	0.12	U	0.11	U	0.11	U	0.11	U
Chrysene	218-01-9	1	mg/kg	0.11	U	0.11	U	0.12	U	0.11	U	0.11	U	0.11	U
Acenaphthylene	208-96-8	100	mg/kg	0.15	U	0.14	U	0.16	U	0.14	U	0.15	U	0.14	U
Anthracene	120-12-7	100	mg/kg	0.11	U	0.11	U	0.12	U	0.11	U	0.11	U	0.11	U
Benzo(ghi)perylene	191-24-2	100	mg/kg	0.15	U	0.14	U	0.16	U	0.14	U	0.15	U	0.14	U
Fluorene	86-73-7	30	mg/kg	0.19	U	0.18	U	0.2	U	0.18	U	0.19	U	0.18	U
Phenanthrene	85-01-8	100	mg/kg	0.11	U	0.037	J	0.12	U	0.11	U	0.11	U	0.11	U
Dibenzo(a,h)anthracene	53-70-3	0.33	mg/kg	0.11	U	0.11	U	0.12	U	0.11	U	0.11	U	0.11	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	mg/kg	0.15	U	0.14	U	0.16	U	0.14	U	0.15	U	0.14	U
Pyrene	129-00-0	100	mg/kg	0.11	U	0.022	J	0.12	U	0.11	U	0.11	U	0.11	U
Volatile Organics by GC/MS															
Benzene	71-43-2	0.06	mg/kg	0.00051	U	0.00054	U	0.00056	U	0.0005	U	0.0005	U	0.00048	U
Toluene	108-88-3	0.7	mg/kg	0.001	U	0.0011	U	0.0011	U	0.001	U	0.001	U	0.00096	U
Ethylbenzene	100-41-4	1	mg/kg	0.001	U	0.0011	U	0.0011	U	0.001	U	0.001	U	0.00096	U
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	0.002	U	0.0022	U	0.0022	U	0.002	U	0.002	U	0.0019	U
p/m-Xylene	179601-23-1	0.26	mg/kg	0.002	U	0.0022	U	0.0022	U	0.002	U	0.002	U	0.0019	U
o-Xylene	95-47-6	0.26	mg/kg	0.001	U	0.0011	U	0.0011	U	0.001	U	0.001	U	0.00096	U
n-Butylbenzene	104-51-8	12	mg/kg	0.001	U	0.0011	U	0.0011	U	0.001	U	0.001	U	0.00096	U
sec-Butylbenzene	135-98-8	11	mg/kg	0.001	U	0.0011	U	0.0011	U	0.001	U	0.001	U	0.00096	U
tert-Butylbenzene	98-06-6	5.9	mg/kg	0.002	U	0.0022	U	0.0022	U	0.002	U	0.002	U	0.0019	U
Isopropylbenzene	98-82-8	2.3	mg/kg	0.001	U	0.0011	U	0.0011	U	0.001	U	0.001	U	0.00096	U
p-Isopropyltoluene	99-87-6	10	mg/kg	0.001	U	0.0002	J	0.0011	U	0.001	U	0.001	U	0.00096	U
Naphthalene	91-20-3	12	mg/kg	0.0041	U	0.0043	U	0.0044	U	0.004	U	0.004	U	0.0038	U
n-Propylbenzene	103-65-1	3.9	mg/kg	0.001	U	0.0011	U	0.0011	U	0.001	U	0.001	U	0.00096	U
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	0.002	U	0.0022	U	0.0022	U	0.002	U	0.002	U	0.0019	U
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	0.002	U	0.0022	U	0.0022	U	0.002	U	0.002	U	0.0019	U

* Comparison is not performed on parameters with non-numeric criteria.

Notes:

NY-CP51: New York DEC CP-51 Soil Cleanup Levels Criteria per NY CP-51 Soil Cleanup Levels dated October 21, 2010.

U The compound was not detected at the indiciated concentration.

J Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL).

LOCATION				AST-EAST		AST-NORTH		AST-WEST		AST-SOUTH		AST-BOTTOM-W		AST-BOTTOM-E	
SAMPLING DATE				12/18/2020		12/18/2020		12/18/2020		12/18/2020		12/18/2020		12/18/2020	
LAB SAMPLE ID				L2056875-07		L2056875-08		L2056875-09		L2056875-10		L2056875-11		L2056875-12	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)															
	CasNum	NY-CP51	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry															
Solids, Total	NONE		%	87.6		88.5		81.8		88.3		85.6		82.8	
Semivolatile Organics by GC/MS															
Acenaphthene	83-32-9	20	mg/kg	0.14	J	0.15	U	0.16		0.15	U	0.15	U	0.038	J
Fluoranthene	206-44-0	100	mg/kg	0.88		0.16		1.3		0.26		0.12	U	0.63	
Benzo(a)anthracene	56-55-3	1	mg/kg	0.41		0.077	J	0.59		0.18		0.12	U	0.3	
Benzo(a)pyrene	50-32-8	1	mg/kg	0.32		0.062	J	0.5		0.18		0.15	U	0.29	
Benzo(b)fluoranthene	205-99-2	1	mg/kg	0.42		0.074	J	0.62		0.25		0.12	U	0.36	
Benzo(k)fluoranthene	207-08-9	0.8	mg/kg	0.12		0.032	J	0.2		0.082	J	0.12	U	0.12	
Chrysene	218-01-9	1	mg/kg	0.39		0.068	J	0.59		0.18		0.12	U	0.32	
Acenaphthylene	208-96-8	100	mg/kg	0.04	J	0.15	U	0.061	J	0.11	J	0.15	U	0.084	J
Anthracene	120-12-7	100	mg/kg	0.26		0.039	J	0.29		0.048	J	0.12	U	0.12	
Benzo(ghi)perylene	191-24-2	100	mg/kg	0.17		0.039	J	0.3		0.12	J	0.15	U	0.18	
Fluorene	86-73-7	30	mg/kg	0.14	J	0.02	J	0.13	J	0.18	U	0.19	U	0.045	J
Phenanthrene	85-01-8	100	mg/kg	1		0.16		1.2		0.11		0.12	U	0.46	
Dibenzo(a,h)anthracene	53-70-3	0.33	mg/kg	0.044	J	0.11	U	0.07	J	0.032	J	0.12	U	0.041	J
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	mg/kg	0.18		0.04	J	0.29		0.13	J	0.15	U	0.18	
Pyrene	129-00-0	100	mg/kg	0.72		0.14		1.1		0.26		0.12	U	0.56	
Volatile Organics by GC/MS															
Benzene	71-43-2	0.06	mg/kg	0.00048	U	0.0005	U	0.00044	U	0.00056	U	0.00052	U	0.00052	U
Toluene	108-88-3	0.7	mg/kg	0.00096	U	0.00099	U	0.00087	U	0.0011	U	0.001	U	0.001	U
Ethylbenzene	100-41-4	1	mg/kg	0.00096	U	0.0002	J	0.00087	U	0.0011	U	0.001	U	0.001	U
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	0.0019	U	0.002	U	0.0017	U	0.0022	U	0.0021	U	0.0021	U
p/m-Xylene	179601-23-1	0.26	mg/kg	0.0019	U	0.002	U	0.0017	U	0.0022	U	0.0021	U	0.0021	U
o-Xylene	95-47-6	0.26	mg/kg	0.00096	U	0.00099	U	0.00087	U	0.0011	U	0.001	U	0.001	U
n-Butylbenzene	104-51-8	12	mg/kg	0.00096	U	0.00061	J	0.00087	U	0.0011	U	0.001	U	0.001	U
sec-Butylbenzene	135-98-8	11	mg/kg	0.00096	U	0.0005	J	0.00087	U	0.0011	U	0.001	U	0.001	U
tert-Butylbenzene	98-06-6	5.9	mg/kg	0.0019	U	0.002	U	0.0017	U	0.0022	U	0.0021	U	0.0021	U
Isopropylbenzene	98-82-8	2.3	mg/kg	0.00096	U	0.00012	J	0.00087	U	0.0011	U	0.001	U	0.001	U
p-Isopropyltoluene	99-87-6	10	mg/kg	0.00096	U	0.00034	J	0.00087	U	0.0011	U	0.001	U	0.001	U
Naphthalene	91-20-3	12	mg/kg	0.0038	U	0.0027	J	0.0035	U	0.0045	U	0.0042	U	0.0042	U
n-Propylbenzene	103-65-1	3.9	mg/kg	0.00096	U	0.00025	J	0.00087	U	0.0011	U	0.001	U	0.001	U
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	0.0019	U	0.00049	J	0.0017	U	0.0022	U	0.0021	U	0.0021	U
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	0.0019	U	0.0014	J	0.0017	U	0.0022	U	0.0021	U	0.0021	U

* Comparison is not performed on parameters with non-numeric criteria.

Notes:

NY-CP51: New York DEC CP-51 Soil Cleanup Levels Criteria per NY CP-51 Soil Cleanup Levels dated October 21, 2010.

U The compound was not detected at the indiciated concentration.

J Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL).

ANALYTICAL REPORT

Lab Number:	L2056875
Client:	Barton & Loguidice, P.C 10 Airline Drive Suite 200 Albany, NY 12205
ATTN:	Joshua Thomas
Phone:	(518) 218-1801
Project Name:	GREENE COUNTY JAIL
Project Number:	316.035.001
Report Date:	12/31/20

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001

Lab Number: L2056875
Report Date: 12/31/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2056875-01	UST-NORTH	SOIL	GREENE COUNTY	12/18/20 08:30	12/18/20
L2056875-02	UST-WEST	SOIL	GREENE COUNTY	12/18/20 08:35	12/18/20
L2056875-03	UST-SOUTH	SOIL	GREENE COUNTY	12/18/20 09:45	12/18/20
L2056875-04	UST-EAST	SOIL	GREENE COUNTY	12/18/20 09:50	12/18/20
L2056875-05	UST-BOTTOM-N	SOIL	GREENE COUNTY	12/18/20 10:00	12/18/20
L2056875-06	UST-BOTTOM-S	SOIL	GREENE COUNTY	12/18/20 10:05	12/18/20
L2056875-07	AST-EAST	SOIL	GREENE COUNTY	12/18/20 13:30	12/18/20
L2056875-08	AST-NORTH	SOIL	GREENE COUNTY	12/18/20 13:35	12/18/20
L2056875-09	AST-WEST	SOIL	GREENE COUNTY	12/18/20 13:45	12/18/20
L2056875-10	AST-SOUTH	SOIL	GREENE COUNTY	12/18/20 13:50	12/18/20
L2056875-11	AST-BOTTOM-W	SOIL	GREENE COUNTY	12/18/20 13:55	12/18/20
L2056875-12	AST-BOTTOM-E	SOIL	GREENE COUNTY	12/18/20 14:00	12/18/20

Project Name:	GREENE COUNTY JAIL	**Lab Number:**	L2056875
Project Number:	316.035.001	**Report Date:**	12/31/20

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	GREENE COUNTY JAIL	**Lab Number:**	L2056875
Project Number:	316.035.001	**Report Date:**	12/31/20

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

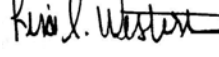
Sample Receipt

2056875-04: The collection date and time on the chain of custody was 18-DEC-20 09:50; however, the collection date/time on the container label was 18-DEC-20 09:55. At the client's request, the collection date/time is reported as 18-DEC-20 09:50.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Lisa Westerlind

Title: Technical Director/Representative Date: 12/31/20

ORGANICS

VOLATILES

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-01
Client ID: UST-NORTH
Sample Location: GREENE COUNTY
Date Collected: 12/18/20 08:30
Date Received: 12/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/28/20 09:00
Analyst: JC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.66	1
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	99		70-130

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-02
Client ID: UST-WEST
Sample Location: GREENE COUNTY
Date Collected: 12/18/20 08:35
Date Received: 12/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/28/20 09:21
Analyst: JC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	0.20	J	ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.3	0.70	1
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	103		70-130

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-03
Client ID: UST-SOUTH
Sample Location: GREENE COUNTY
Date Collected: 12/18/20 09:45
Date Received: 12/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/28/20 09:56
Analyst: JC
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/kg	0.56	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.72	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	99		70-130

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-04
Client ID: UST-EAST
Sample Location: GREENE COUNTY
Date Collected: 12/18/20 09:50
Date Received: 12/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/28/20 10:17
Analyst: JC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.66	1
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	101		70-130

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-05
Client ID: UST-BOTTOM-N
Sample Location: GREENE COUNTY
Date Collected: 12/18/20 10:00
Date Received: 12/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/28/20 10:38
Analyst: JC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	103		70-130

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-06
Client ID: UST-BOTTOM-S
Sample Location: GREENE COUNTY
Date Collected: 12/18/20 10:05
Date Received: 12/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/28/20 10:59
Analyst: JC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.96	0.52	1
Ethylbenzene	ND		ug/kg	0.96	0.13	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.96	0.28	1
n-Butylbenzene	ND		ug/kg	0.96	0.16	1
sec-Butylbenzene	ND		ug/kg	0.96	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
Isopropylbenzene	ND		ug/kg	0.96	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.96	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
n-Propylbenzene	ND		ug/kg	0.96	0.16	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	101		70-130

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-07
Client ID: AST-EAST
Sample Location: GREENE COUNTY
Date Collected: 12/18/20 13:30
Date Received: 12/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/28/20 11:20
Analyst: JC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.96	0.52	1
Ethylbenzene	ND		ug/kg	0.96	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.96	0.28	1
n-Butylbenzene	ND		ug/kg	0.96	0.16	1
sec-Butylbenzene	ND		ug/kg	0.96	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
Isopropylbenzene	ND		ug/kg	0.96	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.96	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
n-Propylbenzene	ND		ug/kg	0.96	0.16	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	99		70-130

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-08
Client ID: AST-NORTH
Sample Location: GREENE COUNTY
Date Collected: 12/18/20 13:35
Date Received: 12/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/28/20 11:41
Analyst: JC
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	0.99	0.54	1
Ethylbenzene	0.20	J	ug/kg	0.99	0.14	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	0.99	0.29	1
n-Butylbenzene	0.61	J	ug/kg	0.99	0.16	1
sec-Butylbenzene	0.50	J	ug/kg	0.99	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
Isopropylbenzene	0.12	J	ug/kg	0.99	0.11	1
p-Isopropyltoluene	0.34	J	ug/kg	0.99	0.11	1
Naphthalene	2.7	J	ug/kg	4.0	0.64	1
n-Propylbenzene	0.25	J	ug/kg	0.99	0.17	1
1,3,5-Trimethylbenzene	0.49	J	ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	1.4	J	ug/kg	2.0	0.33	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	105		70-130

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-09
Client ID: AST-WEST
Sample Location: GREENE COUNTY
Date Collected: 12/18/20 13:45
Date Received: 12/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/28/20 12:23
Analyst: JC
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/kg	0.44	0.14	1
Toluene	ND		ug/kg	0.87	0.47	1
Ethylbenzene	ND		ug/kg	0.87	0.12	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.18	1
p/m-Xylene	ND		ug/kg	1.7	0.49	1
o-Xylene	ND		ug/kg	0.87	0.25	1
n-Butylbenzene	ND		ug/kg	0.87	0.14	1
sec-Butylbenzene	ND		ug/kg	0.87	0.13	1
tert-Butylbenzene	ND		ug/kg	1.7	0.10	1
Isopropylbenzene	ND		ug/kg	0.87	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.87	0.10	1
Naphthalene	ND		ug/kg	3.5	0.57	1
n-Propylbenzene	ND		ug/kg	0.87	0.15	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	0.29	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	101		70-130

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-10
Client ID: AST-SOUTH
Sample Location: GREENE COUNTY
Date Collected: 12/18/20 13:50
Date Received: 12/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/28/20 12:45
Analyst: JC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/kg	0.56	0.18	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.72	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	86		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	103		70-130

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-11
Client ID: AST-BOTTOM-W
Sample Location: GREENE COUNTY
Date Collected: 12/18/20 13:55
Date Received: 12/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/28/20 13:06
Analyst: JC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.2	0.68	1
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	98		70-130

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-12
Client ID: AST-BOTTOM-E
Sample Location: GREENE COUNTY
Date Collected: 12/18/20 14:00
Date Received: 12/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/28/20 13:27
Analyst: JC
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.2	0.68	1
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	103		70-130

Project Name: GREENE COUNTY JAIL **Lab Number:** L2056875

Project Number: 316.035.001 **Report Date:** 12/31/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/28/20 08:17
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-12 Batch: WG1449465-5					
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	108		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 Batch: WG1449465-3 WG1449465-4								
Benzene	96		103		70-130	7		30
Toluene	104		109		70-130	5		30
Ethylbenzene	109		115		70-130	5		30
Methyl tert butyl ether	73		78		66-130	7		30
p/m-Xylene	107		114		70-130	6		30
o-Xylene	105		112		70-130	6		30
n-Butylbenzene	117		119		70-130	2		30
sec-Butylbenzene	117		119		70-130	2		30
tert-Butylbenzene	115		116		70-130	1		30
Isopropylbenzene	115		116		70-130	1		30
p-Isopropyltoluene	118		119		70-130	1		30
Naphthalene	74		78		70-130	5		30
n-Propylbenzene	117		119		70-130	2		30
1,3,5-Trimethylbenzene	115		117		70-130	2		30
1,2,4-Trimethylbenzene	112		115		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	87		88		70-130
Toluene-d8	108		106		70-130
4-Bromofluorobenzene	101		99		70-130
Dibromofluoromethane	94		96		70-130

SEMIVOLATILES

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-01
Client ID: UST-NORTH
Sample Location: GREENE COUNTY

Date Collected: 12/18/20 08:30
Date Received: 12/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/30/20 00:11
Analyst: WR
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 12/26/20 03:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Fluoranthene	ND		ug/kg	110	22.	1
Benzo(a)anthracene	ND		ug/kg	110	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	31.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	110	19.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	66		30-120
4-Terphenyl-d14	62		18-120

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-02
Client ID: UST-WEST
Sample Location: GREENE COUNTY

Date Collected: 12/18/20 08:35
Date Received: 12/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/30/20 03:56
Analyst: WR
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 12/26/20 03:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Fluoranthene	26	J	ug/kg	110	20.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	37	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	22	J	ug/kg	110	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	66		30-120
4-Terphenyl-d14	57		18-120

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-03
Client ID: UST-SOUTH
Sample Location: GREENE COUNTY
Date Collected: 12/18/20 09:45
Date Received: 12/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/29/20 23:02
Analyst: WR
Percent Solids: 83%
Extraction Method: EPA 3546
Extraction Date: 12/26/20 03:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Fluoranthene	ND		ug/kg	120	22.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	20.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	66		30-120
4-Terphenyl-d14	63		18-120

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-04
Client ID: UST-EAST
Sample Location: GREENE COUNTY
Date Collected: 12/18/20 09:50
Date Received: 12/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/29/20 22:39
Analyst: WR
Percent Solids: 91%
Extraction Method: EPA 3546
Extraction Date: 12/26/20 03:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
Fluoranthene	ND		ug/kg	110	21.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	67		30-120
4-Terphenyl-d14	60		18-120

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-05
Client ID: UST-BOTTOM-N
Sample Location: GREENE COUNTY

Date Collected: 12/18/20 10:00
Date Received: 12/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/29/20 22:17
Analyst: WR
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 12/26/20 03:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Fluoranthene	ND		ug/kg	110	22.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	63		30-120
4-Terphenyl-d14	59		18-120

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-06
Client ID: UST-BOTTOM-S
Sample Location: GREENE COUNTY

Date Collected: 12/18/20 10:05
Date Received: 12/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/29/20 21:58
Analyst: EK
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 12/26/20 03:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Fluoranthene	ND		ug/kg	110	20.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	79		30-120
4-Terphenyl-d14	64		18-120

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-07
Client ID: AST-EAST
Sample Location: GREENE COUNTY

Date Collected: 12/18/20 13:30
Date Received: 12/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/30/20 18:39
Analyst: WR
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 12/26/20 03:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	140	J	ug/kg	150	19.	1
Fluoranthene	880		ug/kg	110	21.	1
Benzo(a)anthracene	410		ug/kg	110	21.	1
Benzo(a)pyrene	320		ug/kg	150	45.	1
Benzo(b)fluoranthene	420		ug/kg	110	31.	1
Benzo(k)fluoranthene	120		ug/kg	110	30.	1
Chrysene	390		ug/kg	110	19.	1
Acenaphthylene	40	J	ug/kg	150	29.	1
Anthracene	260		ug/kg	110	36.	1
Benzo(ghi)perylene	170		ug/kg	150	22.	1
Fluorene	140	J	ug/kg	180	18.	1
Phenanthrene	1000		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	44	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	180		ug/kg	150	26.	1
Pyrene	720		ug/kg	110	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	88		30-120
4-Terphenyl-d14	82		18-120

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-08
Client ID: AST-NORTH
Sample Location: GREENE COUNTY

Date Collected: 12/18/20 13:35
Date Received: 12/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/30/20 04:38
Analyst: SZ
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 12/26/20 03:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Fluoranthene	160		ug/kg	110	22.	1
Benzo(a)anthracene	77	J	ug/kg	110	21.	1
Benzo(a)pyrene	62	J	ug/kg	150	46.	1
Benzo(b)fluoranthene	74	J	ug/kg	110	32.	1
Benzo(k)fluoranthene	32	J	ug/kg	110	30.	1
Chrysene	68	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	39	J	ug/kg	110	36.	1
Benzo(ghi)perylene	39	J	ug/kg	150	22.	1
Fluorene	20	J	ug/kg	190	18.	1
Phenanthrene	160		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	40	J	ug/kg	150	26.	1
Pyrene	140		ug/kg	110	19.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	78		30-120
4-Terphenyl-d14	77		18-120

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-09
Client ID: AST-WEST
Sample Location: GREENE COUNTY

Date Collected: 12/18/20 13:45
Date Received: 12/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/30/20 05:00
Analyst: SZ
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 12/26/20 03:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	160		ug/kg	160	21.	1
Fluoranthene	1300		ug/kg	120	23.	1
Benzo(a)anthracene	590		ug/kg	120	23.	1
Benzo(a)pyrene	500		ug/kg	160	49.	1
Benzo(b)fluoranthene	620		ug/kg	120	34.	1
Benzo(k)fluoranthene	200		ug/kg	120	32.	1
Chrysene	590		ug/kg	120	21.	1
Acenaphthylene	61	J	ug/kg	160	31.	1
Anthracene	290		ug/kg	120	39.	1
Benzo(ghi)perylene	300		ug/kg	160	24.	1
Fluorene	130	J	ug/kg	200	20.	1
Phenanthrene	1200		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	70	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	290		ug/kg	160	28.	1
Pyrene	1100		ug/kg	120	20.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	86		30-120
4-Terphenyl-d14	77		18-120

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-10
Client ID: AST-SOUTH
Sample Location: GREENE COUNTY

Date Collected: 12/18/20 13:50
Date Received: 12/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/30/20 05:22
Analyst: SZ
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 12/26/20 03:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Fluoranthene	260		ug/kg	110	21.	1
Benzo(a)anthracene	180		ug/kg	110	21.	1
Benzo(a)pyrene	180		ug/kg	150	45.	1
Benzo(b)fluoranthene	250		ug/kg	110	31.	1
Benzo(k)fluoranthene	82	J	ug/kg	110	30.	1
Chrysene	180		ug/kg	110	19.	1
Acenaphthylene	110	J	ug/kg	150	28.	1
Anthracene	48	J	ug/kg	110	36.	1
Benzo(ghi)perylene	120	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	110		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	32	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	130	J	ug/kg	150	26.	1
Pyrene	260		ug/kg	110	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	72		30-120
4-Terphenyl-d14	59		18-120

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-11
Client ID: AST-BOTTOM-W
Sample Location: GREENE COUNTY

Date Collected: 12/18/20 13:55
Date Received: 12/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/29/20 22:24
Analyst: EK
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 12/26/20 03:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Fluoranthene	ND		ug/kg	120	22.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	64		30-120
4-Terphenyl-d14	53		18-120

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-12
Client ID: AST-BOTTOM-E
Sample Location: GREENE COUNTY

Date Collected: 12/18/20 14:00
Date Received: 12/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/30/20 05:45
Analyst: SZ
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 12/26/20 03:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	38	J	ug/kg	160	20.	1
Fluoranthene	630		ug/kg	120	23.	1
Benzo(a)anthracene	300		ug/kg	120	22.	1
Benzo(a)pyrene	290		ug/kg	160	48.	1
Benzo(b)fluoranthene	360		ug/kg	120	33.	1
Benzo(k)fluoranthene	120		ug/kg	120	32.	1
Chrysene	320		ug/kg	120	20.	1
Acenaphthylene	84	J	ug/kg	160	30.	1
Anthracene	120		ug/kg	120	39.	1
Benzo(ghi)perylene	180		ug/kg	160	23.	1
Fluorene	45	J	ug/kg	200	19.	1
Phenanthrene	460		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	41	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	180		ug/kg	160	28.	1
Pyrene	560		ug/kg	120	20.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	86		30-120
4-Terphenyl-d14	72		18-120

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/29/20 20:22
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 12/26/20 03:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-12 Batch: WG1448992-1					
Acenaphthene	ND		ug/kg	130	17.
Fluoranthene	ND		ug/kg	99	19.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	72		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 Batch: WG1448992-2 WG1448992-3								
Acenaphthene	60		61		31-137	2		50
Fluoranthene	60		63		40-140	5		50
Benzo(a)anthracene	60		64		40-140	6		50
Benzo(a)pyrene	65		69		40-140	6		50
Benzo(b)fluoranthene	61		67		40-140	9		50
Benzo(k)fluoranthene	56		59		40-140	5		50
Chrysene	59		63		40-140	7		50
Acenaphthylene	60		62		40-140	3		50
Anthracene	62		66		40-140	6		50
Benzo(ghi)perylene	61		63		40-140	3		50
Fluorene	60		62		40-140	3		50
Phenanthrene	64		67		40-140	5		50
Dibenzo(a,h)anthracene	60		62		40-140	3		50
Indeno(1,2,3-cd)pyrene	62		64		40-140	3		50
Pyrene	59		63		35-142	7		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	76		78		25-120
Phenol-d6	75		78		10-120
Nitrobenzene-d5	76		77		23-120
2-Fluorobiphenyl	58		60		30-120
2,4,6-Tribromophenol	53		54		10-136
4-Terphenyl-d14	55		59		18-120

INORGANICS
&
MISCELLANEOUS

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-01
Client ID: UST-NORTH
Sample Location: GREENE COUNTY
Sample Depth:
Matrix: Soil

Date Collected: 12/18/20 08:30
Date Received: 12/18/20
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.5		%	0.100	NA	1	-	12/19/20 12:51	121,2540G	RI

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-02
Client ID: UST-WEST
Sample Location: GREENE COUNTY
Sample Depth:
Matrix: Soil
Date Collected: 12/18/20 08:35
Date Received: 12/18/20
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.2		%	0.100	NA	1	-	12/19/20 12:51	121,2540G	RI

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-03
Client ID: UST-SOUTH
Sample Location: GREENE COUNTY
Sample Depth:
Matrix: Soil

Date Collected: 12/18/20 09:45
Date Received: 12/18/20
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.4		%	0.100	NA	1	-	12/19/20 12:51	121,2540G	RI

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-04
Client ID: UST-EAST
Sample Location: GREENE COUNTY
Sample Depth:
Matrix: Soil

Date Collected: 12/18/20 09:50
Date Received: 12/18/20
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	12/19/20 12:51	121,2540G	RI

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-05
Client ID: UST-BOTTOM-N
Sample Location: GREENE COUNTY
Sample Depth:
Matrix: Soil
Date Collected: 12/18/20 10:00
Date Received: 12/18/20
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.4		%	0.100	NA	1	-	12/19/20 12:51	121,2540G	RI

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-06
Client ID: UST-BOTTOM-S
Sample Location: GREENE COUNTY
Sample Depth:
Matrix: Soil

Date Collected: 12/18/20 10:05
Date Received: 12/18/20
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.8		%	0.100	NA	1	-	12/19/20 12:51	121,2540G	RI

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-07
Client ID: AST-EAST
Sample Location: GREENE COUNTY
Sample Depth:
Matrix: Soil

Date Collected: 12/18/20 13:30
Date Received: 12/18/20
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.6		%	0.100	NA	1	-	12/19/20 12:51	121,2540G	RI

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-08
Client ID: AST-NORTH
Sample Location: GREENE COUNTY
Sample Depth:
Matrix: Soil

Date Collected: 12/18/20 13:35
Date Received: 12/18/20
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.5		%	0.100	NA	1	-	12/19/20 12:51	121,2540G	RI

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-09
Client ID: AST-WEST
Sample Location: GREENE COUNTY
Sample Depth:
Matrix: Soil

Date Collected: 12/18/20 13:45
Date Received: 12/18/20
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.8		%	0.100	NA	1	-	12/19/20 12:51	121,2540G	RI

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-10
Client ID: AST-SOUTH
Sample Location: GREENE COUNTY
Sample Depth:
Matrix: Soil

Date Collected: 12/18/20 13:50
Date Received: 12/18/20
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.3		%	0.100	NA	1	-	12/19/20 12:51	121,2540G	RI

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-11
Client ID: AST-BOTTOM-W
Sample Location: GREENE COUNTY
Date Collected: 12/18/20 13:55
Date Received: 12/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	12/19/20 12:51	121,2540G	RI

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001
Lab Number: L2056875
Report Date: 12/31/20

SAMPLE RESULTS

Lab ID: L2056875-12
Client ID: AST-BOTTOM-E
Sample Location: GREENE COUNTY
Date Collected: 12/18/20 14:00
Date Received: 12/18/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.8		%	0.100	NA	1	-	12/19/20 12:51	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001

Lab Number: L2056875
Report Date: 12/31/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG1447101-1 QC Sample: L2056702-01 Client ID: DUP Sample						
Solids, Total	82.8	82.8	%	0		20

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001

Lab Number: L2056875
Report Date: 12/31/20

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2056875-01A	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2056875-01B	Vial Large Septa unpreserved (4oz)	A	NA		3.2	Y	Absent		NYCP51-8260(14)
L2056875-01C	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		NYCP51-PAH(14)
L2056875-01X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYCP51-8260(14)
L2056875-01Y	Vial Water preserved split	A	NA		3.2	Y	Absent	**24-DEC-20 12:34**	NYCP51-8260(14)
L2056875-01Z	Vial Water preserved split	A	NA		3.2	Y	Absent	**24-DEC-20 12:34**	NYCP51-8260(14)
L2056875-02A	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2056875-02B	Vial Large Septa unpreserved (4oz)	A	NA		3.2	Y	Absent		NYCP51-8260(14)
L2056875-02C	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		NYCP51-PAH(14)
L2056875-02X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYCP51-8260(14)
L2056875-02Y	Vial Water preserved split	A	NA		3.2	Y	Absent	**24-DEC-20 12:34**	NYCP51-8260(14)
L2056875-02Z	Vial Water preserved split	A	NA		3.2	Y	Absent	**24-DEC-20 12:34**	NYCP51-8260(14)
L2056875-03A	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2056875-03B	Vial Large Septa unpreserved (4oz)	A	NA		3.2	Y	Absent		NYCP51-8260(14)
L2056875-03C	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		NYCP51-PAH(14)
L2056875-03X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYCP51-8260(14)
L2056875-03Y	Vial Water preserved split	A	NA		3.2	Y	Absent	**24-DEC-20 12:34**	NYCP51-8260(14)
L2056875-03Z	Vial Water preserved split	A	NA		3.2	Y	Absent	**24-DEC-20 12:34**	NYCP51-8260(14)
L2056875-04A	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2056875-04B	Vial Large Septa unpreserved (4oz)	A	NA		3.2	Y	Absent		NYCP51-8260(14)
L2056875-04C	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		NYCP51-PAH(14)
L2056875-04X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYCP51-8260(14)
L2056875-04Y	Vial Water preserved split	A	NA		3.2	Y	Absent	**24-DEC-20 12:34**	NYCP51-8260(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2056875-04Z	Vial Water preserved split	A	NA		3.2	Y	Absent	**24-DEC-20 12:34**	NYCP51-8260(14)
L2056875-05A	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2056875-05B	Vial Large Septa unpreserved (4oz)	A	NA		3.2	Y	Absent		NYCP51-8260(14)
L2056875-05C	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		NYCP51-PAH(14)
L2056875-05X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYCP51-8260(14)
L2056875-05Y	Vial Water preserved split	A	NA		3.2	Y	Absent	**24-DEC-20 12:34**	NYCP51-8260(14)
L2056875-05Z	Vial Water preserved split	A	NA		3.2	Y	Absent	**24-DEC-20 12:34**	NYCP51-8260(14)
L2056875-06A	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2056875-06B	Vial Large Septa unpreserved (4oz)	A	NA		3.2	Y	Absent		NYCP51-8260(14)
L2056875-06C	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		NYCP51-PAH(14)
L2056875-06X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYCP51-8260(14)
L2056875-06Y	Vial Water preserved split	A	NA		3.2	Y	Absent	**24-DEC-20 12:34**	NYCP51-8260(14)
L2056875-06Z	Vial Water preserved split	A	NA		3.2	Y	Absent	**24-DEC-20 12:34**	NYCP51-8260(14)
L2056875-07A	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2056875-07B	Vial Large Septa unpreserved (4oz)	A	NA		3.2	Y	Absent		NYCP51-8260(14)
L2056875-07C	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		NYCP51-PAH(14)
L2056875-07X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYCP51-8260(14)
L2056875-07Y	Vial Water preserved split	A	NA		3.2	Y	Absent	**24-DEC-20 12:34**	NYCP51-8260(14)
L2056875-07Z	Vial Water preserved split	A	NA		3.2	Y	Absent	**24-DEC-20 12:34**	NYCP51-8260(14)
L2056875-08A	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2056875-08B	Vial Large Septa unpreserved (4oz)	A	NA		3.2	Y	Absent		NYCP51-8260(14)
L2056875-08C	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		NYCP51-PAH(14)
L2056875-08X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYCP51-8260(14)
L2056875-08Y	Vial Water preserved split	A	NA		3.2	Y	Absent	**24-DEC-20 12:34**	NYCP51-8260(14)
L2056875-08Z	Vial Water preserved split	A	NA		3.2	Y	Absent	**24-DEC-20 12:34**	NYCP51-8260(14)
L2056875-09A	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2056875-09B	Vial Large Septa unpreserved (4oz)	A	NA		3.2	Y	Absent		NYCP51-8260(14)
L2056875-09C	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		NYCP51-PAH(14)

*Values in parentheses indicate holding time in days

Project Name: GREENE COUNTY JAIL
Project Number: 316.035.001

Lab Number: L2056875
Report Date: 12/31/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2056875-09X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYCP51-8260(14)
L2056875-09Y	Vial Water preserved split	A	NA		3.2	Y	Absent	**24-DEC-20 12:34**	NYCP51-8260(14)
L2056875-09Z	Vial Water preserved split	A	NA		3.2	Y	Absent	**24-DEC-20 12:34**	NYCP51-8260(14)
L2056875-10A	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2056875-10B	Vial Large Septa unpreserved (4oz)	A	NA		3.2	Y	Absent		NYCP51-8260(14)
L2056875-10C	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		NYCP51-PAH(14)
L2056875-10X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYCP51-8260(14)
L2056875-10Y	Vial Water preserved split	A	NA		3.2	Y	Absent	**24-DEC-20 12:34**	NYCP51-8260(14)
L2056875-10Z	Vial Water preserved split	A	NA		3.2	Y	Absent	**24-DEC-20 12:34**	NYCP51-8260(14)
L2056875-11A	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2056875-11B	Vial Large Septa unpreserved (4oz)	A	NA		3.2	Y	Absent		NYCP51-8260(14)
L2056875-11C	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		NYCP51-PAH(14)
L2056875-11X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYCP51-8260(14)
L2056875-11Y	Vial Water preserved split	A	NA		3.2	Y	Absent	**24-DEC-20 12:34**	NYCP51-8260(14)
L2056875-11Z	Vial Water preserved split	A	NA		3.2	Y	Absent	**24-DEC-20 12:34**	NYCP51-8260(14)
L2056875-12A	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L2056875-12B	Vial Large Septa unpreserved (4oz)	A	NA		3.2	Y	Absent		NYCP51-8260(14)
L2056875-12C	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		NYCP51-PAH(14)
L2056875-12X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYCP51-8260(14)
L2056875-12Y	Vial Water preserved split	A	NA		3.2	Y	Absent	**24-DEC-20 12:34**	NYCP51-8260(14)
L2056875-12Z	Vial Water preserved split	A	NA		3.2	Y	Absent	**24-DEC-20 12:34**	NYCP51-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	GREENE COUNTY JAIL	**Lab Number:**	L2056875
Project Number:	316.035.001	**Report Date:**	12/31/20

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	GREENE COUNTY JAIL	**Lab Number:**	L2056875
Project Number:	316.035.001	**Report Date:**	12/31/20

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	GREENE COUNTY JAIL	**Lab Number:**	L2056875
Project Number:	316.035.001	**Report Date:**	12/31/20

Data Qualifiers

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Project Name:	GREENE COUNTY JAIL	**Lab Number:**	L2056875
Project Number:	316.035.001	**Report Date:**	12/31/20

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
EPA TO-12 Non-methane organics
EPA 3C Fixed gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581, 8 Walkup Dr., TEL: 508-898-9220, FAX: 508-898-9193
Mansfield, MA 02048, 320 Forbes Blvd, TEL: 508-822-9300, FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 12/19/20

ALPHA Job #: L2056875

Project Information
Project Name: Greene County Jail
Project Location: Greene County
Project #: 316.035.001
(Use Project name as Project #) ☐
Project Manager: Josh Thomas
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Client Information
Client: B&L
Address: 443 Electronics Parkway, Liverpool, NY
Phone:
Fax:
Email: jthomas@bartonandloguidice.com

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☒ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	CP-51-VOCs	CP-51-SVOCs	Total Solids						Sample Specific Comments	Total Bottles
56875-01	UST-NORTH	12/18/20	0830	Soil	BAB	X	X	X							
-02	UST-WEST	↓	0835	↓	↓	X	X	X							
-03	UST-SOUTH	↓	0945	↓	↓	X	X	X							
-04	UST-EAST	↓	0950	↓	↓	X	X	X							
-05	UST-BOTTOM-N	↓	1000	↓	↓	X	X	X							
-06	UST-BOTTOM-S	↓	1005	↓	↓	X	X	X							
-07	AST-EAST	↓	1330	↓	↓	X	X	X							
-08	AST-NORTH	↓	1335	↓	↓	X	X	X							
-09	AST-WEST	↓	1345	↓	↓	X	X	X							
-10	AST-SOUTH	↓	1350	↓	↓	X	X	X							

Container Type
Preservative

Preservative Code	Container Code
A = None	P = Plastic
B = HCl	A = Amber Glass
C = HNO_3	V = Vial
D = H_2SO_4	G = Glass
E = NaOH	B = Bacteria Cup
F = MeOH	C = Cube
G = $NaHSO_4$	O = Other
H = $Na_2S_2O_3$	E = Encore
K/E = Zn Ac/NaOH	D = BOD Bottle
O = Other	

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	12/18/20 1330	Ben Wager AAL	12/18/20 1530
Ben Wager	12-18-20 1535	[signature]	12/19/20 00:45

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ALPHA

NEW YORK CHAIN OF CUSTODY

Page 2 of 2

Date Rec'd in Lab: 12/19/20

ALPHA Job #: L2056875

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Client Information

Client:
Address:
Phone:
Fax:
Email:

Project Information

Project Name:
Project Location: Same as P.1
Project #
(Use Project name as Project #) ☐
Project Manager: jthomas@bakerandguidice.com
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☒ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

Sample Filtration

☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: CP-51 - VOCs	CP-51 - SVOCs	TOTAL SOLIDS	Sample Specific Comments
56875-11	AST-BOTTOM-W	12/18/20	1355	SOIL	BAB	X	X	X	
-12	AST-BOTTOM-E	〃	1400	〃	〃	X	X	X	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
BAB	12/18/20 1530	Ben Hager AAL	12/18/20 1530
Ben Hager	12-18-20 1535		12/19/20 00:45

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ATTACHMENT F
NYSDEC PBS Registration Update Form

New York State Department of Environmental Conservation
Division of Environmental Remediation

Petroleum Bulk Storage Application

Pursuant to the Environmental Conservation Law: Article 17, Title 10; and
Regulations 6 NYCRR Part 613 and 6 NYCRR Subpart 374-2

(Please Type or Print Clearly and Complete All Items for Sections A, B & C)

PBS Number: 4-484946

Return Completed Form To:
NYSDEC Region 4
1130 North Westcott Road
Schenectady, NY 12306
(518) 357-2045

Section A - Facility/Property Owner/Contact Information

Expiration Date:

Transaction Type: 3
1) Initial/New Facility
2) Change of Ownership
3) Tank Installation, Closing, or Repair
4) Information Correction
5) Renewal

FACILITY

Facility Name: Greene County Jail
Tax Map Info
Facility Address (Physical Address, No P.O. Boxes): 80 Bridge Street
Block:
Facility Address (cont.):
Lot
City: Catskill
State: NY
ZIP Code: 12414
County: Greene
Township/City: Catskill
Facility Phone Number:
Facility Operator:

TYPE OF PETROLEUM FACILITY (Check only one)
- ☐ 01=Storage Terminal/Petrol. Distributor
- ☐ 02=Retail Gasoline Sales
- ☐ 03=Other Retail Sales
- ☐ 04=Manufacturing
- ☐ 05=Utility
- ☐ 06=Trucking/Transportation/Fleet
- ☐ 07=Apartment/Office Building
- ☐ 08=School
- ☐ 09=Farm
- ☐ 10=Private Residence
- ☐ 11=Airline/Air Taxi/Airport
- ☐ 12=Chemical Distributor
- ☐ 13=Municipality
- ☐ 15=Railroad
- ☐ 25=Auto Service/Repair (No Gasoline
- ☐ 28=Cemetery/Memorial
- ☐ 26=Religious (Church, Synagogue, Mosque, Temple, etc.)
- ☐ 27=Hospital/Nursing Home/Health Care
- ☐ 52=Marina
- ☐ 53=Nuclear Power Plant
- ☒ 99=Other (Specify): Jail

Emergency Contact Name:
Emergency Telephone Number:

NOTE:
Fill in Property Owner information here....>>>
Indicate Tank Owner in Section C.

OWNER

Facility (Property) Owner (from Deed): Greene County
Facility Owner Address (Street and/or P.O. Box): 411 Main Street
City: Catskill
State: NY
ZIP Code: 12414
Federal Tax ID Number:
Owner Telephone Number: (518)719-3290

Type of Owner (check only one):
- 1 ☐ Private Resident
- 2 ☐ State Government
- 3 ☒ Local Government
- 4 ☐ Federal Government
- 5 ☐ Corporate/Commercial/Other

I hereby certify, under penalty of law, that all of the information provided on this form is true and correct. False statements made herein may be punishable as a criminal offense and/or a civil violation in accordance with applicable state and federal law.

Name of Owner or Authorized Representative: Warren Hart
Amount Enclosed: $ 0.00
Title: Deputy County Administrator Economic Development, Tourism
Signature: Warren Hart
Date: 02/17/21

CORRESPONDENCE

(Please keep this information up to date.)
Facility Contact Person Name: Warren Hart
Contact Person Company Name: Greene County
Address: 411 Main Street
Address (cont.): Catskill
City/State/ZIP Code: NY
Tel. Number: (518)719-3290
eMail Address: whart@discovergreene.com

Official Use Only
Date Received: ____/____/____
Date Processed: ____/____/____
Amount Received: $_____
Reviewed By: _____
Rev. 8/2/2017

PBS Number:

Section B - Tank Information

(Please use the key located on the last page to complete each item/column)

Registration Expiration Date:

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
Action	Tank Number	Tank Location	Status	Installation, out-of-service, or Permanent ClosureDate (mm/dd/yyyy) **Application will be returned if blank**	Capacity (Gallons)	Product Stored (If Gasoline w/ethanol or Biodiesel, list % additive)	Tank Type	Tank Internal Protection	Tank External Protection	Tank Secondary Containment	Tank Leak Detection	Tank Overfill Prevention	Tank Spill Prevention	Pumping/Dispensing Method	Piping Location	Piping Type	Piping External Protection	Piping Secondary Containment	Piping Leak Detection	Under Dispenser Containment (UDC) (Check box if present)
2/3	702	3	3	12/18/2020	1,000	0001	01	00	00	00	00	04	00	05	03	10	00	00	00	☐
																				☐
2/3	703	5	3	12/18/2020	1,000	0001	01	00	00	00	00	00	00	05	02	10	00	00	00	☐
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Note: If you need to add tanks to your registration, write them in using blank lines above. Attach additional sheets as needed.
Blank Section B is available at http:/www.dec.ny.gov/docs/remediation_hudson_pdf/pbsrenewal.pdf

PBS Number:

Petroleum Bulk Storage Application

Section C - Tank Ownership Information (for PBS tanks listed in Section B

Tank Owner Information

[X] Check box if same as Facility (Property) Owner.
If tank owner is different from property owner, fill out information below:

Tank Owner Name (Company/Individual):

Contact Person:

Tank Owner Address:

City: | State: | ZIP:

Contact Person Telephone Number: | Contact Person email:

Specific Tanks Owned

[X] Check box if this owner owns all tanks at this facility.
If not, list tanks owned by this owner below:

Tank Number:

Name of Class B (Daily On-Site) Operator: | Authorization No:

Name of Class A (Primary) Operator: | Authorization No:

Tank Owner Information

[ ] Check box if same as Facility (Property) Owner.
If tank owner is different from property owner, fill out information below:

Tank Owner Name (Company/Individual):

Contact Person:

Tank Owner Address:

City: | State: | ZIP:

Contact Person Telephone Number: | Contact Person email:

Specific Tanks Owned

[ ] Check box if this owner owns all tanks at this facility.
If not, list tanks owned by this owner below:

Tank Number:

Name of Class B (Daily On-Site) Operator: | Authorization No:

Name of Class A (Primary) Operator: | Authorization No:

PETROLEUM BULK STORAGE APLICATION - SECTION B - TANK INFORMATION - CODE KEYS

Action (1)

1. Initial Listing
2. Add Tank
3. Close/Remove Tank
4. Information Correction
5. Repair/Reline Tank

Tank Location (3)

1. Aboveground-contact w/soil
2. Aboveground-contact w/ impervious barrier
3. Aboveground on saddles, legs, stilts, rack or cradle
4. Partially buried tank (tank with 10% or more below ground)
5. Underground including vaulted with no access for inspection
6. Aboveground in Subterranean Vault w/access for inspections

Status (4)

1. In-service
2. Out-of-service
3. Closed-Removed
4. Closed- In Place
5. Tank converted to Non-Regulated use

Products Stored (7)

Heating Oils: On-Site Consumption

0001. #2 Fuel Oil
0002. #4 Fuel Oil
0259. #5 Fuel Oil
0003. #6 Fuel Oil
0012. Kerosene
0591. Clarified Oil
2711. Biodiesel (Heating)
2642. Used Oil (Heating)

Heating Oils: Resale/ Redistribution

2718. #2 Fuel Oil
2719. #4 Fuel Oil
2720. #5 Fuel Oil
2721. #6 Fuel Oil
2722. Kerosene
2723. Clarified Oil

Motor Fuels

0009. Gasoline
2712. Gasoline/Ethanol
0008. Diesel
2710. Biodiesel
0011. Jet Fuel
1044. Jet Fuel (Biofuel)
2641. Aviation Gasoline

Emergency Generator Fuels

0001. #2 Fuel Oil
2730. Biodiesel (E-Gen)
2731. Diesel (E-Gen)

Lubricating/Cutting Oils

0013. Lube Oil
0015. Motor Oil
1045. Gear/Spindle Oil
0010. Hydraulic Oil
0007. Cutting Oil
0021. Transmission Fluid
1836. Turbine Oil
0308. Petroleum Grease

Oils Used as Building Materials

2626. Asphaltic Emulsions
0748. Form Oil

Petroleum Spirits

0014. White/Mineral Spirits
1731. Naptha

Mineral/Insulating Oils

0020. Insulating Oil (e.g., Transformer, Cable Oil)
2630. Mineral Oil

Waste/Used/Other Oils

0022 Waste/Used Oil
9999. Other-Please list:*

Crude Oil

0006. Crude Oil
0701. Crude Oil Fractions

Tank Type (8)

01. Steel/Carbon Steel/Iron
02. Galvanized Steel Alloy
03. Stainless Steel Alloy
04. Fiberglass Coated Steel
05. Steel Tank in Concrete
06. Fiberglass Reinforced Plastic (FRP)
07. Plastic
08. Equivalent Technology
09. Concrete
10. Urethane Clad Steel
99. Other-Please list:*

Internal Protection (9)

00. None
01 Epoxy Liner
02. Rubber Liner
03. Fiberglass Liner (FRP)
04. Glass Liner
99. Other-Please list:*

External Protection (10/18)

00. None
01. Painted/Asphalt Coating
02. Original Sacrificial Anode
03. Original Impressed Current
04. Fiberglass
05. Jacketed
06. Wrapped (Piping)
07 Retrofitted Sacrificial Anode
08. Retrofitted Impressed Current
09. Urethane
99. Other-Please list:*

Tank Secondary Containment (11)

00. None
01. Diking (AST Only)
02. Vault (w/access)
03. Vault (w/o access)
04. Double-Walled (UST Only)
05. Synthetic Liner
06. Remote Impounding Area
07. Excavation Liner
09. Modified Double-Walled (AST Only)
10. Impervious Underlayment (AST Only)**
11. Double Bottom (AST Only)**
12. Double-Walled (AST Only)
99. Other - Please list*

Tank Leak Detection (12)

00. None
01. Interstitial Electronic Monitoring
02. Interstitial Manual Monitoring
03. Vapor Well
04. Groundwater Well
05. In-Tank System (Auto Tank
06. Impervious Barrier/Concrete Pad (AST Only)
07. Statistical Inventory Reconciliation (SIR)
08. Weep holes in vaults with no access for inspection
99. Other-Please list: *

Overfill Protection (13)

00. None
01. Float Vent Valve
02. High Level Alarm
03. Automatic Shut-Off
04. Product Level Gauge (AST Only)
05. Vent Whistle
99. Other-Please list:*

Spill Prevention (14)

00. None
01. Catch Basin
99. Other-Please list:*

Pumping/Dispensing Method (15)

00. None
01. Presurized Dispenser
02. Suction Dispenser
03. Gravity
04. On-Site Heating System (Suction)
05. On-Site Heating System (Supply/Return)
06. Tank-Mounted Dispenser
07. Loading Rack/Transfer Pump

Piping Location (16)

00. No Piping
01. Aboveground
02. Underground/On-ground
03. Aboveground/Underground Combination

Piping Type (17)

00. None
01. Steel/Carbon Steel/Iron
02. Galvanized Steel
03. Stainless Steel Alloy
04. Fiberglass Coated Steel
05. Steel Encased in Concrete
06. Fiberglass Reinforced Plastic (FRP)
07. Plastic
08. Equivalent Technology
09. Concrete
10. Copper
11. Flexible Piping
99. Other-Please list:*

Piping Secondary Containment (19)

00. None
01. Diking (Aboveground Only)
02. Vault (w/access)
04. Double-Walled (Underground Only)
06. Remote Impounding Area
07. Trench Liner
12. Double-Walled (Aboveground Only)
99. Other-Please list: *

Pipe Leak Detection (20)

00. None
01. Interstitial Electronic Monitoring
02. Insterstitial Manual Monitoring
03. Vapor Well
04. Groundwater Well
07. Pressurized Piping Leak Detector
09. Exempt Suction Piping
10. Statistical Inventory Reconciliation (SIR)
99. Other-Please list:*

Under Dispenser Containment (UDC) (21)

Check Box if Present

- - - - - - - - - - - - - -

* If other, please list on a separate sheet including tank number,

** Each of these codes must be combined with code 01 or 06 to meet compliance requirements.

The experience to
listen
The power to
solve℠

Barton
&Loguidice

www.bartonandloguidice.com

APPENDIX C

LOCATION PLAN
NOT TO SCALE

GREENE COUNTY

COURTHOUSE ANNEX OFFICE BUILDING AND PARKING GARAGE

TOWN OF CATSKILL
GREENE COUNTY, NEW YORK

DECEMBER 2021

SHEET INDEX

Barton & Loguidice

PROJECT NO. 316.035.001

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PERSPECTIVE VIEWS

NOT TO SCALE

REVISIONS

GREENE COUNTY
COURTHOUSE ANNEX OFFICE BUILDING AND PARKING GARAGE

PERSPECTIVE VIEWS

GREENE COUNTY, NEW YORK
TOWN OF CATSKILL

B&L
443 Electronics Parkway
Liverpool, NY
13088
Barton & Loguidice, D.P.C.

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DECEMBER 2021

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Sheet Number
A100

Project Number
316.035.001

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SITE LAYOUT AND FIRST FLOOR PLAN - OPTION 1

SCALE: 1" = 10'-0"

N

PLAN NORTH

BRIDGE STREET

CLARKE STREET

MANHOLE

U/G GAS PIPE

O/H LINE

+ 62.00'

LAWN AREA

PLANTINGS

125'- 0"

2 A107

EXISTING GREENE COUNTY COURTHOUSE BUILDING

EXISTING SECURITY GATE

NEW SIDEWALK

NEW SIDEWALK

COVERED ENTRY CANOPY

CROSSWALK

ENTRY VEST

ELEVATED WALKWAY ABOVE

49.50' +

49.47' +

15' - 1 1/2"

5' - 0"

VESTIBULE

ROTUNDA

DN

VESTIBULE

ELEV LOBBY

ELEV

TOILET ROOM

WOMEN'S ROOM

MEN'S ROOM

VEST.

TOILET ROOM

1 A107

DN

EXISTING RAMP

NEW STEPS AND WALKWAY BETWEEN BLDGS.

NEW FENCE W/ GATE

CROSSWALK

VESTIBILE ROOF

PARKING SPACE

PARKING SPACE

EXISTING SECURITY GATE

MECH

EMERGENCY GENERATOR

VEST.

ENTRY STAIR

UP

UP

ELEVATOR

CAR TURNING RADIUS

EXIT

ENTRANCE

CAR TURNING RADIUS

JUDGE 20 JUDGE 19 JUDGE 18 17 16 15 14 13

1 2 3 4 5 6 7 8 9 10 11 12

21 22 23 24

PARKING GARAGE

+ 50.00'

UP

UP

STAIR HALL

10' - 0" 10' - 0" 10' - 0" 10' - 0" 10' - 0" 10' - 0" 10' - 0"

FFE 50.0

20' - 0"

1' - 7" 10' - 0" 10' - 0" 10' - 0" 10' - 0" 1' - 7" 20' - 0"

16' - 0"

16' - 0"

20' - 0"

20' - 4"

20' - 4"

20' - 0"

20' - 0"

102' - 8"

LAWN AREAS

RELOCATE BILCO DOORS

10' - 8 1/2"

40' - 4"

EXISTING CARRIAGE HOUSE

1 A107

2 A107

1 A107

REVISIONS

GREENE COUNTY, NEW YORK

GREENE COUNTY
COURTHOUSE ANNEX OFFICE BUILDING AND PARKING GARAGE

SITE LAYOUT & FIRST FLOOR PLAN - OPTION 1

TOWN OF CATSKILL

B&L
Barton & Loguidice, D.P.C.
443 Electronics Parkway
Liverpool, NY
13088

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Project Number: 316.035.001

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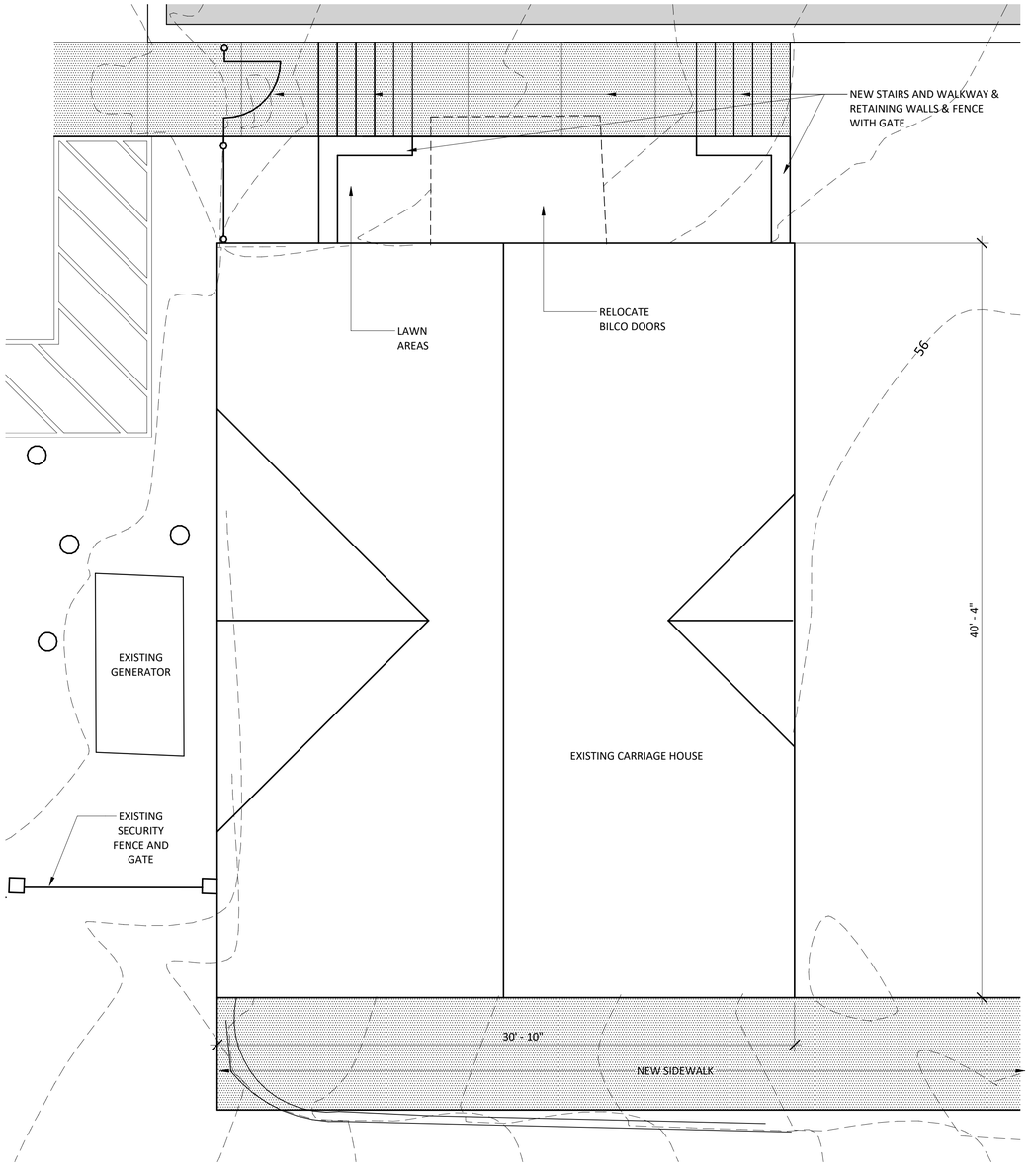
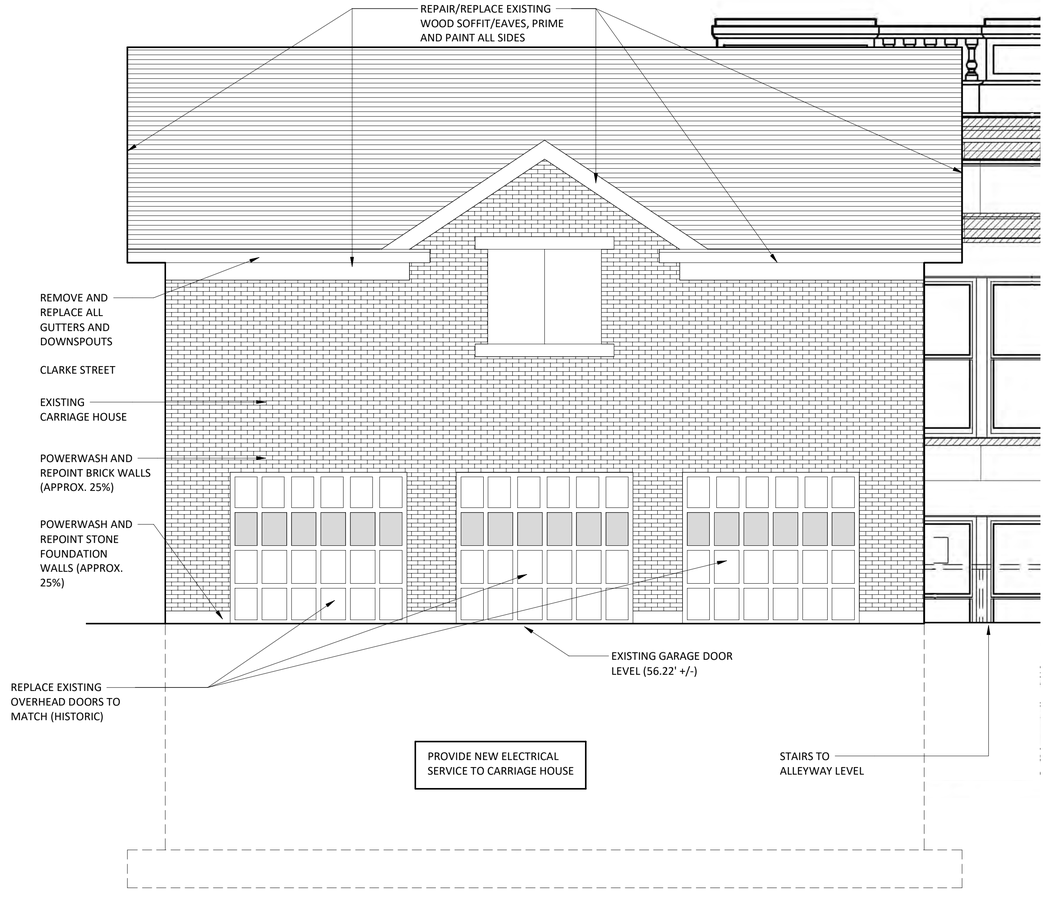


CARRIAGE HOUSE PLAN

SCALE: 1/4" = 1'-0"



CARRIAGE HOUSE ELEVATION

SCALE: 1/4" = 1'-0"

REVISIONS

GREENE COUNTY
COURTHOUSE ANNEX OFFICE BUILDING AND PARKING GARAGE

CARRIAGE HOUSE SITE PLAN AND ELEVATION

GREENE COUNTY, NEW YORK

TOWN OF CATSKILL

B&L
Barton & Loguidice, D.P.C.
443 Electronics Parkway
Liverpool, NY
13088

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A103

Project Number
316.035.001

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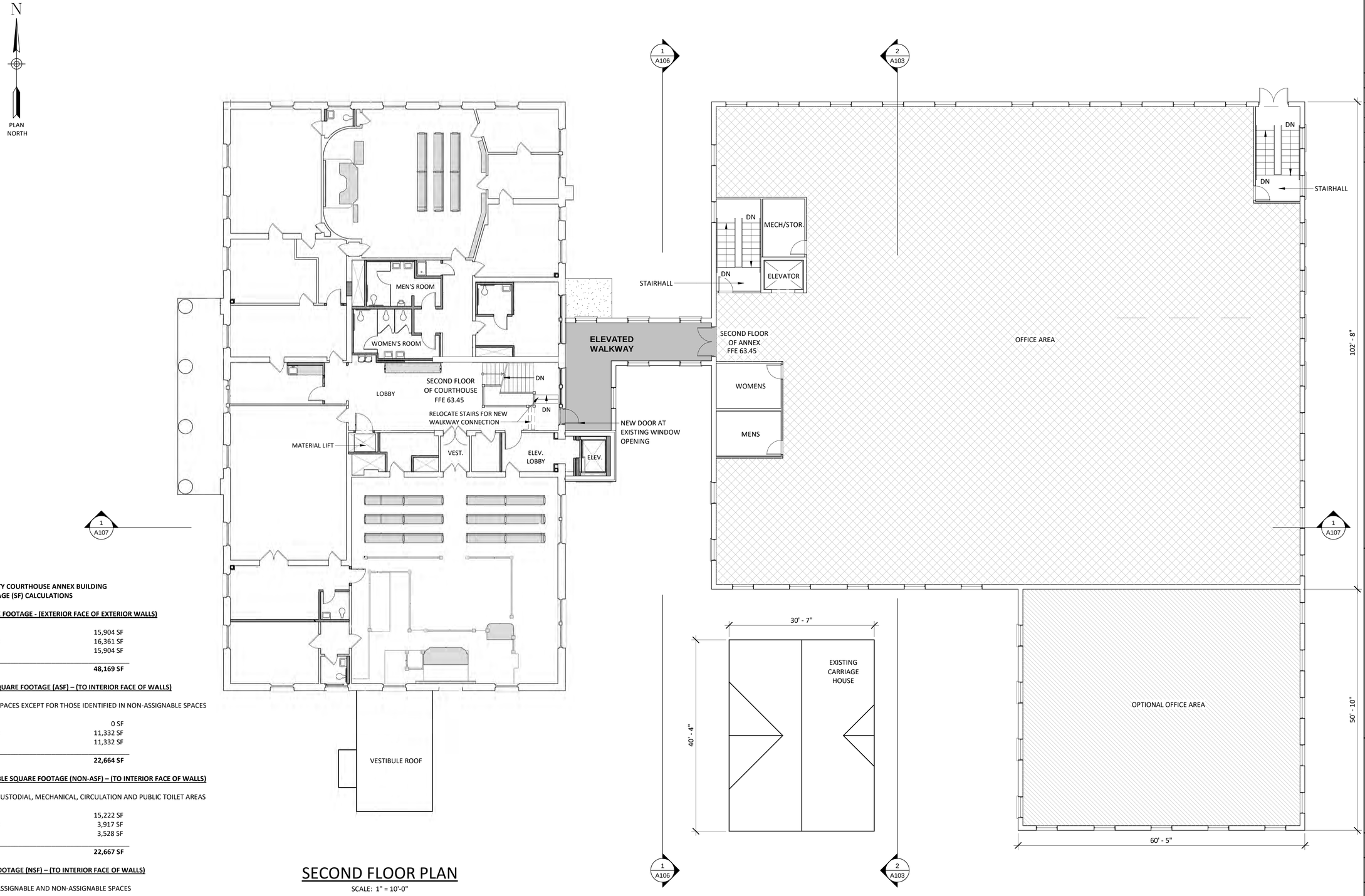

GREENE COUNTY COURTHOUSE ANNEX BUILDING
SQUARE FOOTAGE (SF) CALCULATIONS

GROSS SQUARE FOOTAGE - (EXTERIOR FACE OF EXTERIOR WALLS)

FIRST FLOOR	15,904 SF
SECOND FLOOR	16,361 SF
THIRD FLOOR	15,904 SF
TOTAL	**48,169 SF**

ASSIGNABLE SQUARE FOOTAGE (ASF) – (TO INTERIOR FACE OF WALLS)

INCLUDES ALL SPACES EXCEPT FOR THOSE IDENTIFIED IN NON-ASSIGNABLE SPACES

FIRST FLOOR	0 SF
SECOND FLOOR	11,332 SF
THIRD FLOOR	11,332 SF
TOTAL	**22,664 SF**

NON-ASSIGNABLE SQUARE FOOTAGE (NON-ASF) – (TO INTERIOR FACE OF WALLS)

INCLUDES ALL CUSTODIAL, MECHANICAL, CIRCULATION AND PUBLIC TOILET AREAS

FIRST FLOOR	15,222 SF
SECOND FLOOR	3,917 SF
THIRD FLOOR	3,528 SF
TOTAL	**22,667 SF**

NET SQUARE FOOTAGE (NSF) – (TO INTERIOR FACE OF WALLS)

INCLUDES ALL ASSIGNABLE AND NON-ASSIGNABLE SPACES

FIRST FLOOR	15,222 SF
SECOND FLOOR	15,239 SF
THIRD FLOOR	14,850 SF
TOTAL	**45,331 SF**

SECOND FLOOR PLAN

SCALE: 1" = 10'-0"

REVISIONS

GREENE COUNTY, NEW YORK

GREENE COUNTY
COURTHOUSE ANNEX OFFICE BUILDING AND PARKING GARAGE

SECOND FLOOR PLAN

TOWN OF CATSKILL

443 Electronics Parkway
Liverpool, NY
13088

Barton & Loguidice, D.P.C.

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Project Number: 316.035.001

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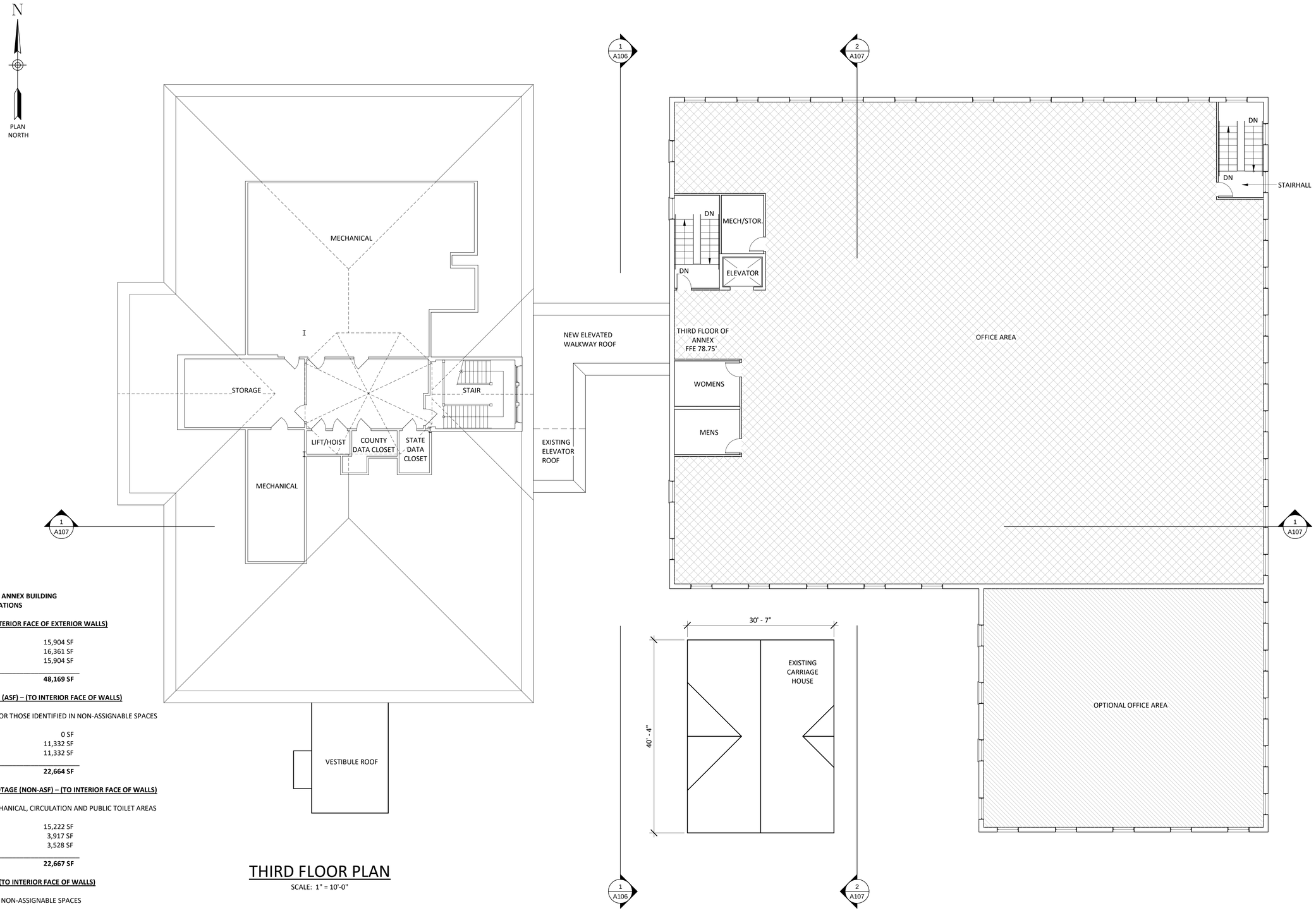

GREENE COUNTY COURTHOUSE ANNEX BUILDING
SQUARE FOOTAGE (SF) CALCULATIONS

GROSS SQUARE FOOTAGE - (EXTERIOR FACE OF EXTERIOR WALLS)

FIRST FLOOR	15,904 SF
SECOND FLOOR	16,361 SF
THIRD FLOOR	15,904 SF
TOTAL	**48,169 SF**

ASSIGNABLE SQUARE FOOTAGE (ASF) – (TO INTERIOR FACE OF WALLS)

INCLUDES ALL SPACES EXCEPT FOR THOSE IDENTIFIED IN NON-ASSIGNABLE SPACES

FIRST FLOOR	0 SF
SECOND FLOOR	11,332 SF
THIRD FLOOR	11,332 SF
TOTAL	**22,664 SF**

NON-ASSIGNABLE SQUARE FOOTAGE (NON-ASF) – (TO INTERIOR FACE OF WALLS)

INCLUDES ALL CUSTODIAL, MECHANICAL, CIRCULATION AND PUBLIC TOILET AREAS

FIRST FLOOR	15,222 SF
SECOND FLOOR	3,917 SF
THIRD FLOOR	3,528 SF
TOTAL	**22,667 SF**

NET SQUARE FOOTAGE (NSF) – (TO INTERIOR FACE OF WALLS)

INCLUDES ALL ASSIGNABLE AND NON-ASSIGNABLE SPACES

FIRST FLOOR	15,222 SF
SECOND FLOOR	15,239 SF
THIRD FLOOR	14,850 SF
TOTAL	**45,331 SF**

THIRD FLOOR PLAN

SCALE: 1" = 10'-0"

REVISIONS

GREENE COUNTY
COURTHOUSE ANNEX OFFICE BUILDING AND PARKING GARAGE

THIRD FLOOR PLAN

GREENE COUNTY, NEW YORK

TOWN OF CATSKILL

443 Electronics Parkway
Liverpool, NY
13088

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A105

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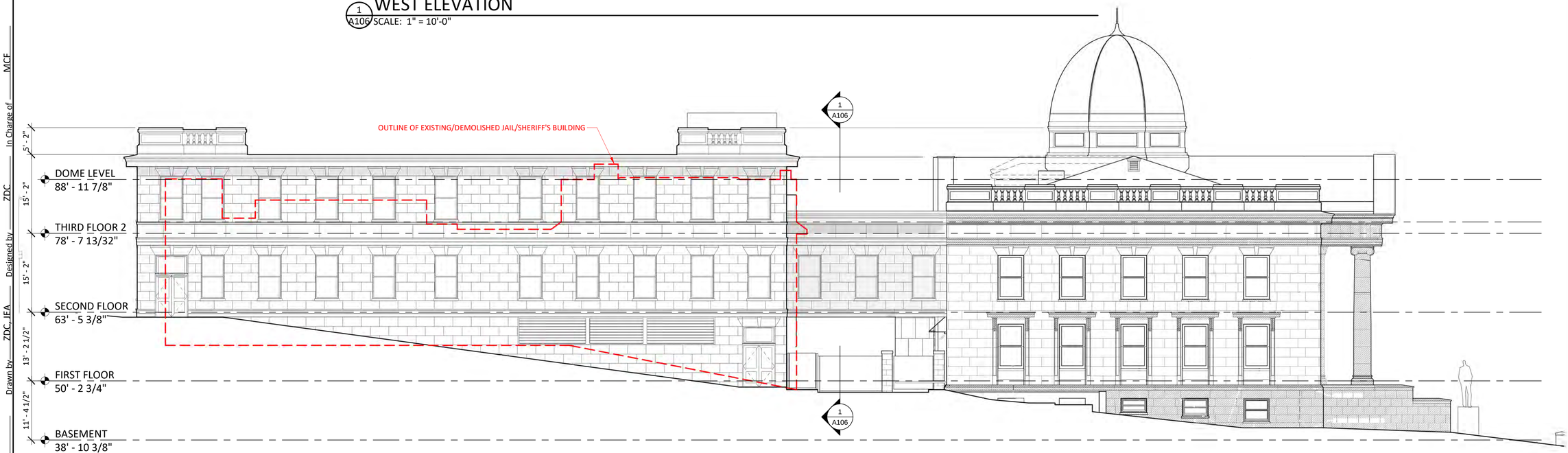
Checked by

1 A106 WEST ELEVATION
SCALE: 1" = 10'-0"



2 A106 NORTH ELEVATION - BRIDGE STREET VIEW
SCALE: 1" = 10'-0"

Plotted: 12/4/2021 4:05:38 PM
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GREENE COUNTY, NEW YORK

GREENE COUNTY
COURTHOUSE ANNEX OFFICE BUILDING AND PARKING GARAGE

TOWN OF CATSKILL

BUILDING ELEVATIONS

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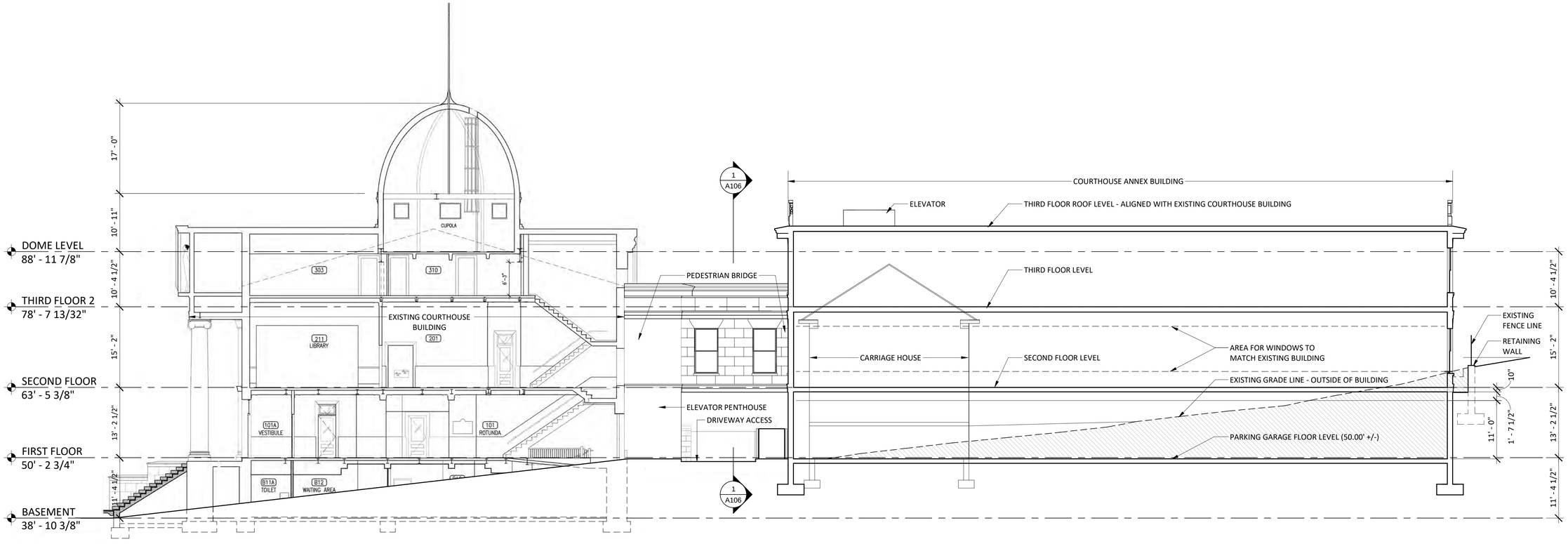
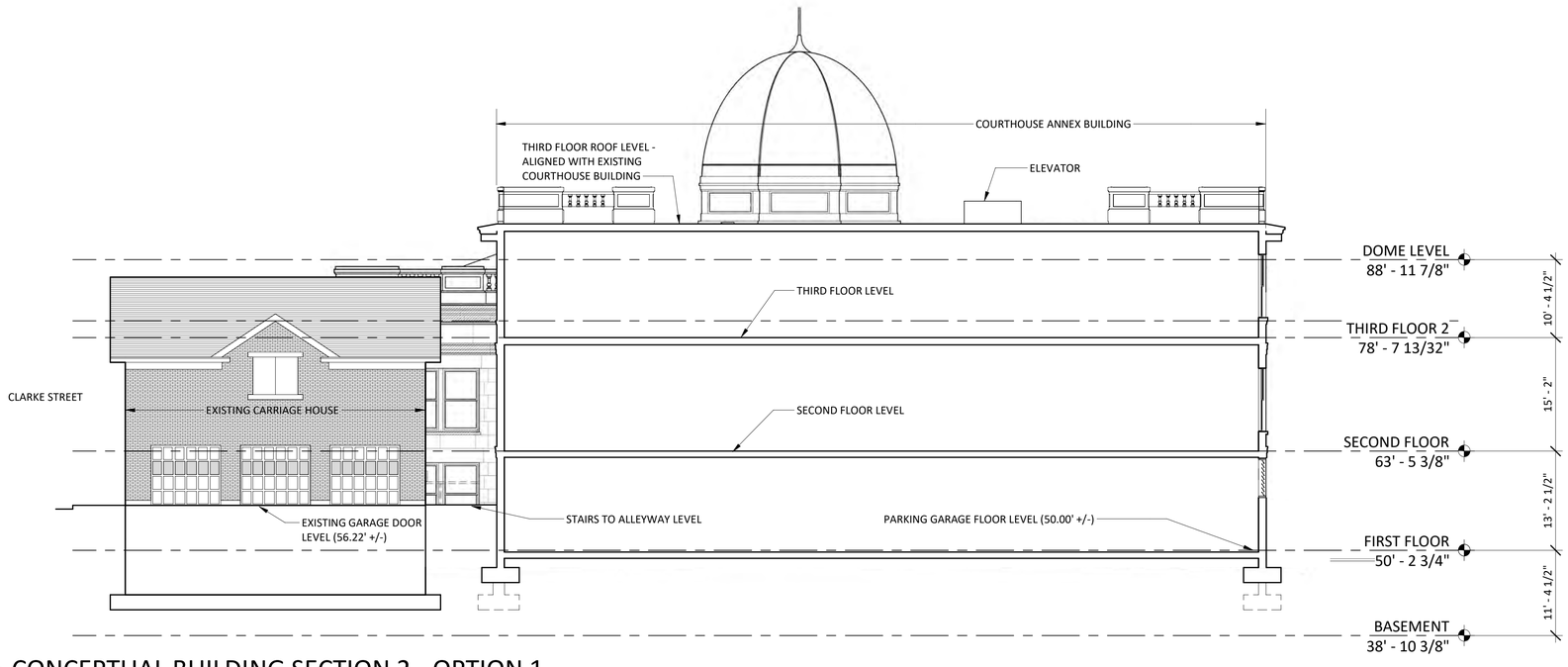


1 A107 CONCEPTUAL BUILDING SECTION 1 - OPTION 1

SCALE: 1" = 10'-0"



2 A107 CONCEPTUAL BUILDING SECTION 2 - OPTION 1

SCALE: 1" = 10'-0"

REVISIONS

GREENE COUNTY, NEW YORK

GREENE COUNTY
COURTHOUSE ANNEX OFFICE BUILDING AND PARKING GARAGE

BUILDING SECTIONS 1 & 2

TOWN OF CATSKILL

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APPENDIX D


TION CA

APPENDIX E

ADDENDA REGISTRATION FORM

FIRM NAME:_____

ADDRESS:_____

_____

CONTACT:_____

TELEPHONE:_____FAX:_____

E-MAIL:_____

APPENDIX F

INCORPORATION FORM

FIRM NAME:_____

TYPE OF ENTITY:
CORP._____PARTNERSHIP/LLC_____INDIVIDUAL_____

FEDERAL EMPLOYER ID #:_____OR SOCIAL SECURITY #:_____

DATE OF ORGANIZATION:_____

IF APPLICABLE: DATE FILED:_____STATE FILED:_____

****

If a Non-Publicly Owned Corporation:

CORPORATION NAME:_____

LIST PRINCIPAL STOCKHOLDERS: (5% of outstanding shares)

_____

_____

_____

LIST OFFICERS AND DIRECTORS NAME AND TITLES:

_____

_____

_____

If a Partnership:

PARTNERSHIP/LLC NAME:_____

LIST PARTNERS NAME(S):

_____

_____

_____

Remuneration Form

7.4.2 Range of Fees: The Architect/Engineer shall provide a range of fees in percentages for the costs associated with design, bidding and construction administration phases of the project based upon the schedule identifies in Section 1.8 and a construction budget of $12,000,000.00 to $18,000,000.00 as per the following breakdown of categories (See Appendix I.

	Percentage
7.4.2.1 Programming and Concept Design of Construction Construct Cost (Range)	_____% to _____%
7.4.2.2 Schematic Design of Construction Cost (Range)	_____% to _____%
7.4.2.3 Design Development Construction Cost (Range)	_____% to _____%
7.4.2.4 Construction Documents of Construction Cost (Range)	_____% to _____%
7.4.2.5 Bidding and Contract Award (Range)	_____% to _____%
7.4.2.6 Construction Administration (16 months) (Range)	_____% to _____%
7.4.2.7 Total Anticipated Cost (Range)	_____% to _____%

APPENDIX I

CERTIFICATION REGARDING DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS - PRIMARY COVERED TRANSACTIONS

(1) The prospective primary participant certifies to the best of its knowledge that it and its principals -

(a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;

(b) Have not, within a three-year period preceding this proposal, been convicted of or had a civil judgment rendered against them for the commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, local) transaction or contract under a public transaction; and have not been convicted of any violations of Federal or State antitrust statutes or the commission of embezzlement, theft, forgery, bribery, falsification, the destruction of records, making false statements, or receiving stolen property;

(c) Are not presently indicted, or otherwise criminally or civilly charged, by a government entity (Federal, State, or local) with the commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and

(d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State, or local) terminated for cause or default.

(2) If the prospective primary participant is unable to certify to any of the statements in this certification, the participant must attach an explanation to this RFQ.

Signed at_____, this_____day of_____20___.

_____
(Name of Firm)

By_____
(Title)

CERTIFICATE OF NON-COLLUSION

TO : County of Greene Date: _____

Re: Attached Bid

I, _____

_____

HEREBY CERTIFY, as follows:

1. That the attached bid has been independently arrived at without collusion with any other bidder or with any competitor or potential competitor.

2. That the bid has not been knowingly disclosed prior to the opening of bids to any other bidder or competitor.

3. That no attempt has been or will be made to induce any other person or firm to submit or not to submit a bid.

4. That the statements are accurate, under penalty of perjury.

5. That attached hereto (if a corporate bidder) is a certified copy of a resolution authorizing the execution of the certificate by the signator of this bid or proposal in behalf of the corporate bidder.

_____
(Name of Company or Corporation)

By: _____
(Signature of Officer)

_____
(Title)

_____
(Address of Company)

_____

This certification is made pursuant to an amendment to the State Finance Law, the General Municipal Law and the Public Authorities Law, relating to non-collusion in public bids and proposals, which became effective September 1, 1965. (Chapter 751 of the Laws of 1965).

BIDDERS AND VENDORS ACKNOWLEDGEMENT

ALL VENDORS AND BIDDERS ACKNOWLEDGE AND AGREE TO BE BOUND BY THE GREENE COUNTY SEXUAL HARASSMENT PREVENTION POLICY (adopted 11/20/18) and THE GREENE COUNTY DISCRIMINATORY HARASSMENT PREVENTION POLICY (adopted 11/20/18)

By signing below, all bidders and/or vendors hereby acknowledge and agree that he/she/they/it have carefully reviewed Greene County's policy(ies) prohibiting sexual harassment and/or discriminatory harassment, as referenced above, and agree to be subject to and bound by all terms and conditions contained therein.

All bidders and vendors hereby agree to indemnify and hold harmless Greene County, inclusive of reasonable attorney fees, from any and all claims related to any violation(s) of the above referenced policies allegedly arising from the conduct of their/its principals, employees, agents, hires and/or assigns.

All bidders and vendors hereby acknowledge and agree that if he/she/they/it reasonably believe that he/she/they/it are subjected to harassment/discrimination in violation of either of the above referenced policy(ies), he/she/they/it shall be responsible for reporting the harassing and/or discriminatory conduct as outlined in said policies.

I HAVE CAREFULLY REVIEWED THE GREENE COUNTY SEXUAL HARASSMENT PREVENTION POLICY and THE GREENE COUNTY DISCRIMINATORY HARASSMENT PREVENTION POLICY, which I viewed, in their entirety, at the Greene Government Website on _____, _____, 2020.

By: _____
Bidder/Vendor

Company Name:_____

Dated: _____, _____, 2020

THIS EXECUTED ACKNOWLEDGEMENT MUST BE ATTACHED TO ANY AND ALL GREENE COUNTY BID and/or PROPOSAL SUBMISSIONS