COUNTY OF ALBANY

REQUEST FOR PROPOSALS

ALBANY COUNTY SHERIFF

RFP # 2020-098

NEW YORK STATE LICENSED ARCHITECT/ENGINEER TO PROVIDE CONSULTING, DESIGN AND CONSTRUCTION ADMINISTRATION SERVICES FOR THE DESIGN OF THE NEW ALBANY COUNTY SHERIFF'S E-911 EMERGENCY MANAGEMENT FACILITY AT THEIR CLARKSVILLE PUBLIC SAFETY CAMPUS

ALBANY COUNTY DEPARTMENT OF GENERAL SERVICES
PURCHASING DIVISION
KAREN A. STORM, PURCHASING AGENT
112 STATE STREET, ROOM 1000
ALBANY, NY 12207

COUNTY OF ALBANY
DEPARTMENT OF GENERAL SERVICES PURCHASING DIVISION
112 STATE STREET, ROOM 1000, ALBANY, NY 12207
TELEPHONE: 518-447-7140/ FAX: 518-447-5588

TITLE: NEW YORK STATE LICENSED ARCHITECT/ENGINEER TO PROVIDE CONSULTING, DESIGN AND CONSTRUCTION ADMINISTRATION SERVICES FOR THE DESIGN OF THE NEW ALBANY COUNTY SHERIFF'S E-911 EMERGENCY MANAGEMENT FACILITY AT THEIR CLARKSVILLE PUBLIC SAFETY CAMPUS

RFP NUMBER: 2020-098

Receipt Confirmation Form

Please complete and return this confirmation form as soon as possible:

Karen A. Storm
Purchasing Agent
County of Albany
112 State Street, Room 1000
Albany, NY 12207

IF YOU PLAN TO SUBMIT A PROPOSAL, YOU MUST RETURN THIS FORM TO ENSURE THAT YOU WILL RECEIVE ALL FURTHER COMMUNICATION REGARDING THIS RFP.

Company Name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Contact Person: _____

Title: _____

Phone Number: _____ Fax Number: _____ E-Mail: _____

If a Bidders/Proposers meeting has been arranged for this Bid/RFP, please indicate if you plan to attend:
☐ **Yes** / ☐ **No**

I authorize the County of Albany to send further correspondence that the County deems to be of an urgent nature by the following method (check):

Fax Number: _____ E-Mail _____

COUNTY OF ALBANY
DEPARTMENT OF GENERAL SERVICES
PURCHASING DIVISION
112 STATE STREET, ROOM 1000
ALBANY, NY 12207

NON-PROPOSER RESPONSE

RFP #2020-098

The Albany County Department of General Services, Purchasing Division, is interested in the reasons why bidders/proposers fail to submit bids/proposals. Please indicate your reason(s) by checking all appropriate item(s) below and returning this form to the above address.

- ☐ Could not meet Scope of Services.
- ☐ Items or materials requested not manufactured by us or not available to our company.
- ☐ Insurance requirements too restricting.
- ☐ Bond requirements too restricting.
- ☐ Scope of Services not clearly understood or applicable (too vague, too rigid, etc.).
- ☐ Project not suited to firm.
- ☐ Quantities too small.
- ☐ Insufficient time allowed for preparation of bid/proposal.
- ☐ Other reasons; please state and define:_____

_____

_____

_____

_____

_____

Vendor Name:_____

Contact Person:_____

Vendor Address:_____

Vendor Telephone:_____

NOTICE TO PROPOSERS -- ALBANY COUNTY
REQUEST FOR PROPOSALS #2020-098

Sealed Proposals for a **New York State Licensed Architect/Engineer to provide Consulting, Design and Construction Administration Services for the Design of the new Albany County Sheriff's E-911 Emergency Management Facility at their Clarksville Public Safety Campus** as requested by Albany County Sheriff's Office will be received by the Albany County Purchasing Agent, Room 1000, 112 State Street, Albany, New York 12207 until 4:30 PM, local time on **Friday, September 11th, 2020.**

Request for Proposal (RFP) documents may be obtained at the office of the Albany County Purchasing Agent, as noted above. RFP documents may be available for download from the Empire State Bid System website at **http://www.empirestatebidsystem.com, starting** by close of business (4:30 p.m.) on Thursday August 20th, 2020.

PRE-PROPOSAL CONFERENCE WILL BE HELD ON THURSDAY, AUGUST 27, 2020 AT 10:00 A.M. AT THE ALBANY COUNTY SHERIFF'S PUBLIC SAFETY BUILDING, TRAINING ROOM, 58 VERDA AVENUE, CLARKSVILLE, NY. This will be the only scheduled conference. Proposers interested in submitting Proposals are strongly urged to attend.

Karen A. Storm
Purchasing Agent

Dated: August 14, 2020
Albany, New York

PUBLISH ONE DAY -- August 20, 2020-- THE EVANGELIST
PUBLISH ONE DAY -- August 20, 2020-- THE TIMES UNION

COUNTY OF ALBANY

REQUEST FOR PROPOSALS
NEW YORK STATE LICENSED ARCHITECT/ENGINEER TO PROVIDE CONSULTING, DESIGN AND CONSTRUCTION ADMINISTRATION SERVICES FOR THE DESIGN OF THE NEW ALBANY COUNTY SHERIFF'S E-911 EMERGENCY MANAGEMENT FACILITY AT THEIR CLARKSVILLE PUBLIC SAFETY CAMPUS

RFP #2020-098

RFP DISTRIBUTION- ***IMPORTANT NOTICE***

The County of Albany officially distributes RFP documents through the Purchasing Division Office or through the Empire State Bid System website at **http://www.empirestatebidsystem.com**. Copies of RFP documents obtained from any other source are not considered official documents. Only those vendors who obtain proposal documents from either the Purchasing Division Office or the Empire State Bid System are guaranteed to receive addendum information, if such information is issued.

If you have obtained this document from a source other than the Albany County Purchasing Division or the Empire State Bid System, it is strongly recommended that you obtain an official copy.

SECTION 1: PURPOSE

1.1. As requested by the Albany County Sheriff's Office, the County of Albany is seeking proposals from a New York State licensed Architect/Engineer to provide consulting services associated with the, planning, evaluation/assessment of existing conditions, space planning, budget pricing, design and preparation of construction & bid documents and also performing Construction Administration Services, as applicable for **the design and construction of the new Albany County Sheriff's E-911 Emergency Management Facility at their Public Safety Campus, located at 58 Verda Avenue, Clarksville, NY.**

1.2. The Albany County Sheriff's Office currently occupies the building located at 58 Verda Avenue in Clarksville, New York which is approximately 36,300 square feet in size. This building, once utilized as an elementary school, was repurposed as the Sheriff's Public Safety Building on June 1, 2012 when the Bethlehem Central School District closed the school citing low attendance. The Bethlehem School District then entered into a lease agreement with the sheriff's office and multiple Sheriff's units have occupied the facility. In November of 2018, the Sheriff's office purchased the building and is presently in the Design & Contractor Bid phase to renovate and remodel the facility into a state of the art law enforcement and public safety facility. **It is desired to construct a new annex Emergency Management Building housing both an E-911 Communications Facility (aka Public Safety Answering Point (PSAP)) and an Emergency Management Operations Center in the existing Northwest parking area, with access from Olive Street. (See attached proposed map sketch).**

1.3. It is the intent of the Albany County Sheriff's Office to hire a New York State licensed Architect/Engineer to perform Design and Contract Administration Services, for the Albany County Sheriff's Office **E-911 Emergency Management Facility Project**, more fully

described below in Section 4. **As an Alternate, Albany County Sheriff's Office also requests the New York State licensed Architect/Engineer provide a proposal fee to perform Construction Management Services.**

1.4. The Albany County Division of Facilities Engineering (ACFE) shall serve as Owner's representative for this project. The scheduling and planning of work must be coordinated with the Albany County Sheriff's Office Management Staff and ACFE. ACFE shall act as a liaison between Albany County Sheriff's Office Management and the prospective Architect/Engineer.

1.5. Project designs must be in compliance with the current Building Code of New York State, the Energy Code of New York State, ICC/ANSI A117.1, ADA Standards and all applicable Reference Standards & Supplements. The successful Proposer will be required to certify same. Contractor applications for building permits on this project must be submitted for review and approved by the Albany County Division of Code Enforcement. **Design of the E-911 Communications Facility (PSAP) portion of the new annex building shall also comply with the recommendations and guidelines of NFPA-1221 pertaining to procedural and physical criteria for the installation, performance, operation and maintenance for public emergency communications systems and facilities.**

1.6. All County of Albany new construction, renovation and/or rehabilitation projects shall include New York State Energy Research and Development Authority (NYSERDA) studies to indentify opportunities for conservation and energy retrofits. Successful Proposer shall investigate/perform all applicable studies and submit applications for proposed incentives.

1.7. This is a "public works" project for which the Proposer must prepare contract documents based on competitive bids for multiple prime contracts, as required under General Municipal Law §§101 and 103 ("wicks"). All contractors/subcontractors must pay prevailing wages on this project pursuant to a project schedule the County will obtain from the New York State Department of Labor. All contractors/subcontractors must comply with the reporting requirements set forth in Article 8 of the Labor Law.

1.8. **A PRE-PROPOSAL CONFERENCE WILL BE HELD ON THURSDAY, AUGUST 27, 2020 AT 10:00 A.M. AT THE ALBANY COUNTY SHERIFF'S PUBLIC SAFETY BUILDING, TRAINING ROOM, 58 VERDA AVENUE, CLARKSVILLE, NY.** This will be the only scheduled conference. Proposers interested in submitting Proposals are strongly urged to attend.

SECTION 2: RECEIPT OF PROPOSALS

2.1 Five (5) copies of the Proposal and other required documents must be submitted, sealed in an opaque envelope clearly marked with the name and number of the Proposal and the name and address of the Proposer. Proposals must be received no later than **4:30 P.M. on Friday, September 11, 2020**, at the following address:

Karen A. Storm
Albany County Purchasing Agent
112 State Street, ***Room 1000***
Albany, New York 12207

2.2 The Proposal submitted by the individual Proposer(s) is the document upon which Albany County will make its initial judgment regarding the Proposer's qualifications, understanding of the County's scope and objectives, methodology, and ability to complete services under the contract.

2.3 Those submitting Proposals do so entirely at their expense. There is no express or implied obligation by Albany County to reimburse any firm or individual for any costs incurred in preparing or submitting Proposals, preparing or submitting additional information requested by the County, or for participating in any selection interviews.

2.4 Submission of any Proposal indicates acceptance of the conditions contained in the RFP, unless clearly and specifically noted otherwise in the Proposal.

2.5 Albany County reserves the right to reject any and all Proposals, in whole or in part, submitted in response to its RFP.

2.6 Albany County reserves the right to waive any and all informalities and to disregard all non-conforming, non-responsive or conditional Proposals.

2.7 Albany County may, at any time by written notification to all Proposers, change any portion of the RFP described and detailed herein.

2.8 Proposals will be examined and evaluated by the Albany County Department of General Services.

2.9 During the evaluation of Proposals, the County may require clarification of information or may invite Proposers to an oral presentation to amplify and or validate Proposal contents.

SECTION 3: QUALIFICATION AND REQUIREMENTS OF PROPOSER

Provide a statement of Proposer qualifications including:

3.1 Provide the name, a brief history and description of your firm.

3.2 Identify your firm's professional staff members who will be involved in the County engagement and the experience each possesses and the location of the office from which each work.

3.3 Name and title of person(s) authorized to bind the Proposer, together with the main office address, and telephone number (including area code).

3.4 Detail your firm's experience in providing Design, Construction Administration Services associated with all facets of new building construction, renovations and alterations/additions to existing commercial facilities. **This Project also requires the Proposer have specific experience with design of E-911 Communications/PSAP & Emergency Operations Facilities.**

3.5 Provide at least three (3) references from similar projects including name, addresses and telephone numbers. Please provide specific experience related to **design of E-911 Communications/PSAP & Emergency Operations Facilities.**

3.6 Provide any additional information that would distinguish your firm in its service to Albany County.

3.7 Proposer shall include a completed "Vendor Responsibility Questionnaire" (Attachment "C") with the Proposal.

3.8 In addition, Albany County may make such investigations it deems necessary to determine the ability of the Proposer to perform the work. The Proposer shall furnish to the County, within five (5) days of a request, all such information and data for this purpose as may be requested. The County reserves the right to reject any Proposal if the information submitted by, or investigation of, such Proposer fails to satisfy the County that such Proposer is properly qualified to carry out the obligations of the contract and to complete the work contemplated therein. Conditional Proposals will not be accepted.

3.9 While providing the services described in the Agreement, the Contractor and its employees, agents, etc., shall follow all COVID-19 and Social Distancing requirements of the County; the State of New York, including, but not limited to, the Governor's executive orders and the federal government (including, but not limited to, the CDC guidelines), and the Contractor shall be subject to the provisions of the County's Local Emergency Order re COVID-19 and all supplements/renewals to said order.

SECTION 4: SCOPE OF SERVICES

Unless specifically noted to be excluded or revised, successful Proposer shall provide for services listed below, including but not limited to: Design Development, Contract Documents, Bidding and Construction Administration Phases as described below. **Proposer shall also perform Construction Management Services as Alternate scope of services to base proposal.**
Albany County Division of Facilities Engineering (ACFE) shall serve as Owner's representative for this project. The scheduling and planning of work must be coordinated with the Albany County Sheriff's Office Management Staff and ACFE. ACFE shall act as a liaison between the Albany County Sheriff's Office Management and the prospective Architect/Engineer.

4.1 **Project Design Goals/Objectives/Parameters: Albany County Sheriff's E-911 Emergency Management Facility Project**

4.1.1 The County of Albany is seeking proposals from a New York State licensed Architect/Engineer to provide consulting services associated with the planning, evaluation/assessment of existing conditions, budget pricing, design and preparation of construction & bid documents, performing Construction Administration Services and Construction Management Services (as Alternate scope of services to base proposal) for the proposed **design and construction of the new Albany County**

Sheriff's E-911 Emergency Management Facility at their Public Safety Campus, located at 58 Verda Avenue, Clarksville, NY.

4.1.2 The Clarksville School building was added to the National Register of Historic Places in 2008 for its architectural significance as an example of modern architectural school design, based upon the original 1948 building. Any modifications made to the exterior may be restricted and guidance from the State Historic Preservation Office (SHPO) may become necessary. **New building façade shall be consistant with existing building finishes.**

4.1.3 **The Albany County Sheriff's Office commissioned WCGS Architects (along with their sub consultants Huston Engineering & WEB Engineering) to perform a visual condition assessment of the former Clarksville Elementary School.** The purpose of the assessment was to provide the Albany County Sheriff's Office with a description of the condition of the building and its systems prior to the Sheriff's Office purchase of the facility from the Bethlehem Central School District (BCSD); (see attached copy of their Condition Assessment Report, dated September 18, 2018).

4.1.4 **Planning and construction phasing shall also take into consideration the temporary relocation of existing operations during this project. Design/Construction documents shall be developed in a manner, which limits interruption of existing Facility operations.**

4.1.5 The existing Albany County Sheriff's Office operations and daily activities must be maintained during construction. Consultant's design documents must clearly indicate the Contractor shall coordinate all phases of the project with Albany County Sheriff's Office Management Staff to ensure no disruptions to the daily operations of the Albany County Public Safety Building.

4.1.5.1 **Meet with Sheriff's Office to discuss their overall plan for the new E-911 Emergency Management Facility; intended use of floor plan, staff requirements, desired layout of inter-departments, etc., to allow Successful Firm to perform space/master plan incorporating the Sheriff's request(s) (see listing immediately below) and provide a concept design for review and approval.** See sampling of specific requests below;

4.1.5.2 <u>E-911 Communications Center</u>

4.1.5.2.1 Where feasible, achievable and economically practicable, the design of the E-911 Communications Facility (PSAP) portion of the new annex building shall comply with the recommendations and guidelines of NFPA-1221 pertaining to procedural and physical criteria for the installation, performance, operation and maintenance for public emergency communications systems and facilities.

4.1.5.2.1.1 <u>Public Safety Answering Point (PSAP)</u>- approximately 3000 square foot to accommodate ten (10) full Calltaker/Dispatcher Consoles and one (1) raised Supervisor position. Area must be expandable to accommodate an additional twenty-four (24) full positions and two (2) raised supervisor positions and an additional sixteen (16) Calltaker positions for future use.

4.1.5.2.1.1.1 Comply with NFPA 1221 Security recommendations and guidelines. Isolation required from other points in the building. Protection from vandalism, terrorism and civil disturbance and other natural disasters. Non operable ballistic windows, Key FOB/Card access door control system separate from other parts of the building and HEPA filtered air handling system

4.1.5.2.1.1.2 Provide layout of and specifications for dispatcher consoles, call taker positions, center rounder's, equipment tables, cabinets, shelves for printer/copier/fax and support materials, multiple flat panel displays high on walls with power & cable/satellite connections, bulletin boards, white boards, map board, large digital atomic clocks, and acoustic paneling, high ceilings, camera system, etc.

4.1.5.2.1.1.3 Provide design for redundant power sources, alternate HVAC systems, 2 hour separation from other portions of the building, applicable rated fire doors, fire alarm and sprinkler system with monitoring panels and outside air intake shutoff in room per NFPA 1221. Central vacuum to minimize noise interruption during cleaning.

4.1.5.2.1.1.4 Floor plan shall also include, rest rooms, breakroom, communications center equipment room, UPS system, secure vestibule, quiet room; all with proximity to PSAP.

4.1.5.2.1.2 **Director Office** – Key FOB/Card access door control system Lockable door, Furnishings (Desk, chairs, small meeting table & chairs, shelving, file cabinet) two computer workstations, closet and two (2) flat panel displays on wall with applicable power and cabling installations.

4.1.5.2.1.3 **Assistant Director Office** – Key FOB/Card access door control system Lockable door, Furnishings (Desk, chairs, small meeting table & chairs, shelving, file cabinet) computer workstation, closet and flat panel display on wall with applicable power and cabling installations.

4.1.5.2.1.4 **PSAP Conference Room** - Wall display, Audio/Video conference system

4.1.5.2.1.5 **Restrooms** – two (2) ADA compliant public restrooms

4.1.5.2.1.6 **Break Room** – Tables, chairs, millwork/countertop, sink, refrigerator, coffee maker, stove, microwave, flat panel display.

4.1.5.2.1.7 **PSAP "Quiet" Room, RF (Radio) Room, IT Server/TELCO Room, Communications Mechanical Room , Storage Room, Vendor Office.**

4.1.5.2.1.8 **IT Staff Office Space/Rooms**– requires four (4) offices and a larger shared work space

4.1.5.2.1.9 **Supervisor Office Rooms** – Approximately five (5) small office rooms

4.1.5.3 Emergency Management – Emergency Operations Center (EOC)

4.1.5.3.1.1 **EOC** – approximately 2000 sqaure foot floor plan to accommodate tiered semicircular mission control style lecture hall. Table layout must be permanent to allow for immediate EOC mobilization while providing necessary classroom functionality for the majority of the time when EOC is not being utilized. Multi-purpose advanced A/V meeting room.

4.1.5.3.1.1.1 Multi-use space to accommodate Emergency Operations Center, Sheriff's public safety lecture/training and EOC simulations.

4.1.5.3.1.1.2 Furnishings - Multiple rows of tables with moveable ergonomic chairs for forty (40) personel, with power and data connections for each. Large motorized projector screen from ceiling at the head of room, ceiling mounted projector, 6 flat panel TV monitor on the A/V wall, Smart-Board system, Video Conferencing capabilities, four (4) – 4ft. x 8ft. magnetic dry erase boards mounted to wall, large conference table at the head of room to accommodate six (6) personel for EOC briefing with a Smart Podium. No fixed computers at rows of tables, staff/participants will bring their own laptops.

4.1.5.3.1.1.3 Security - Key FOB/Card access door control system and HEPA filtration system with UVC light disinfecting lamp. Sound proof with superior acoustics.

4.1.5.3.1.1.4 Electrical/Mechanical - All AV devices and EOC computer systems backed up by a UPS. Separate AC/Heat controls and Dimmable lighting system.

4.1.5.3.2 **Sheriff's Office** – For use by Sheriff during EOC activations. Shall have secondary access door directly to large EOC area. Office shall include Large flat panel TV on wall capable of viewing the EOC and Cable access, executive desk & chair, key FOB/Card access door control system and computer systems backed up by a UPS.

4.1.5.3.3 **Sheriff's Conference Room** – Smaller conference room attached to Sheriff's office to include conference table with seating for twelve (12), with power and cabling at center of table, large flat panel TV on wall capable of viewing the EOC and Cable access and dry erase boards on walls.

4.1.5.3.4 **Emergency Manager's Office** – Located in close proximity to large EOC area. Emergency Manager's Office shall include L-shaped work station with chair, tall book shelving, file cabinets and small meeting table to seat four (4). Flat panel TV on wall capable of viewing the EOC and Cable access. Key FOB/Card access door control system and computer systems backed up by a UPS.

4.1.5.3.5 **Fire Coordinator's Office** – Located in close proximity to an exterior door. Fire Coordinator's Office shall include L-shaped work station with chair, tall book shelving and file cabinets. Flat panel TV on wall capable of viewing the EOC and Cable access. Key FOB/Card access door control system and computer systems backed up by a UPS.

4.1.5.3.6 **EOC Storage Room** – Key FOB/Card access door control system. Tall deep shelving to store EOC equipment, supplies and portable AV devices.

4.1.5.3.7 **Meeting/Training Room** – Approximate 2000 square foot shared multi-purpose training room capable of being divided into two small classrooms by a moveable wall partition. Seating for eighty (80) table/chair layout. Key FOB/Card access door control system. Two (2) flat panel TVs on wall capable of viewing the EOC and Cable access, dry erase boards, two (2) ceiling mounted projector screens with projectors.

4.1.5.3.8 **EOC Restrooms** – two (2) ADA compliant public restrooms with showers. Located in close proximity to large EOC area.

4.1.6 Successful firm shall meet with Albany County Sheriff, Albany County Sheriff's Office Management staff and ACFE for a kick-off meeting to discuss project parameters, goals and budget considerations.

4.1.7 Successful firm shall perform site walk-through(s) to review existing facility conditions with ACFE personnel and visual assessment of all existing site conditions. Collect pertinent information necessary to perform project programming, calculations and design.

4.1.8 Successful firm shall evaluate all existing site and new building systems; civil/site design, architectural, mechanical, electrical, fire sprinkler, etc., for NYS Building Code compliance and develop Contractor Construction and Bid Drawings & Specifications.

4.1.9 **The County of Albany is requesting the successful firm provide complete design services associated with the Albany County Sheriff's E-911 Emergency Management Facility and existing site improvements. Planning, evaluation of existing conditions, reconfiguration, design and preparation of construction & bid documents for the proposed Emergency Management Facility; consulting services to include, but not limited to;**

4.1.9.1 Investigation of existing site and surrounding existing building conditions. Documenting existing conditions. Sheriff and ACFE will make (limited) existing

building drawings available. Consultant shall review for accuracy and update as necessary to incorporate into this project.

4.1.9.2 Develop a site survey as required to establish County owned boundary lines and layout of proposed **Emergency Management Facility**.

4.1.9.3 Provide soil sampling and geotechnical engineering as required for parking surfaces, slab-on-grade, building foundations and structural design. See attached Geotechnical Engineering Report prepared by Terracon Consultants (specific to the Sheriff's recently constructed Pre-Engineered Storage Structure) reporting their findings of subsurface exploration, as a reference and understanding of existing soil conditions and proximity of bedrock.

4.1.9.4 Investigation of existing past school building sewage disposal system and accompanying NYS Department of Environmental Conservation SPDES Permit continuance. Existing sewage disposal system serves the entire building (past school and additions) and requires further investigation of current operation and capacities, and subsequent evaluation to determine if the new **Emergency Management Facility** will require a newly designed, separate sewage disposal system.

4.1.9.5 Provide private utilities/subsurface exploration of the proposed site (not covered by NYS DIGSAFE 811 public callouts/markings) as required for excavation associated with driveways, parking surfaces, concrete building foundations, concrete slabs, etc.

4.1.9.6 Civil/Site design of new parking lot configuration, drainage, utility relocation and/or new service, geotechnical stabilization, storm sewer system, signage, curbs, pavement & pavement striping. Design and specifications to comply with the terms and conditions of the County's stormwater management program (SWMP) and the terms and conditions of the NYS Pollutant Discharge Elimination System (SPDES) general permit (GP-0-10-002) for stormwater discharges from the Municipal Separate Storm Sewer Systems (MS4s).

4.1.9.7 Complete Structural design associated with all facets of the new **Emergency Management Facility**

4.1.9.8 Complete Architectural design associated with the new **Emergency Management Facility**. Selection of all interior finishes, interior/exterior doors & frames, interior partitions, exterior concrete aprons & overhead cover/roof at egress doors, safety bollards, furnishings, etc. Analysis/evaluation of proposed floor plan layout including egress/exit doors, emergency lighting, sprinkler system, all in compliance with the Building Code of New York State and Energy Code of New York State.

4.1.9.9 Complete Mechanical design associated with all facets of the new **Emergency Management Facility**. Design of heating, ventilating and air conditioning systems (HVAC) for environmental control, plumbing and fire protection systems.

4.1.9.10 Complete Electrical design associated with all facets of the new **Emergency Management Facility**. Analysis/evaluation of existing power distribution; extension of existing power or new service to support new facility. Design/layout

of new LED lighting fixtures. Electrical design for emergency and exit lighting. Analysis/evaluation for new fire alarm and security system; extension of existing systems or new system and additional cameras to support new facility.

4.1.9.11 New perimeter security fencing and access gate(s) to secure facility. Upgrade and extend existing security cameras and gate access system. Separate public and employee parking.

4.1.9.12 Mill, re-grade and install new asphalt paving along existing parking areas and new parking areas in conjunction with the new **Emergency Management Facility**. Restriping of all existing and new parking spaces complying with all IBC/NYS Code accessible parking details. Provide design for separate public and employee parking.

4.1.9.13 Successful Firm shall investigate/evaluate existing Electrical systems, specifically, concerns noted within the Condition Assessment Report. Evaluate the existing electrical distribution to support new **Emergency Management Facility.**

4.1.9.14 Successful Firm shall provide design for new emergency generators; one propane operated and an additional redundant diesel operated generator running parallel with duel UPS Systems.

4.2 **Design Development Phase**: Upon receipt of approval to proceed with design of the new **Emergency Management Facility**, the successful Proposer shall

4.2.1 Prepare design drawings in AutoCAD 2020 format or newer version.

4.2.2 Provide detailed specifications for all construction materials.

4.2.3 Provide detailed performance type Specification suitable for solicitation of bids from qualified Contractors. Specification should include applicable standards of operation and dispatching. Incorporate the following:

4.2.3.1 Specification of non-proprietary systems.

4.2.3.2 Project Specifications shall include schedule of Special Inspections as required by Building Code of New York State.

4.2.3.3 Owner selected design and finishes.

4.2.4 Outline construction schedule and implementation plan. Design for construction to allow use of Albany County Sheriff's Office Public Safety Building at all times.

4.2.5 Successful firm shall meet with Albany County Sheriff, Albany County Sheriff's Office Management and ACFE for a kick-off meeting to discuss project parameters, goals and budget considerations.

4.2.6 Successful firm shall submit 60% Design Submittal documents including preliminary drawings with proposed design, layout, elevations and written specifications. Submit 3 sets to Albany County Sheriff and ACFE for review and comment. **Assume 60% submittal to occur approximately 6 weeks from initial kick off meeting with County Personnel.**

4.2.7 Successful firm shall provide an initial probable cost of construction at the 60% design submittal phase.

4.2.8 Successful firm shall submit 90% Design Submittal documents including response to comments from 60% review. Submit 3 sets to Albany County Sheriff and ACFE for review and comment. **Assume submittal to occur 6 weeks upon receiving 60% review comments from County Personnel.**

4.2.9 Successful firm shall provide a revised probable cost of construction at the 90% design submittal phase.

4.3 **Construction Document Phase:** for the new **Emergency Management Facility**

4.3.1 Upon approval of the design documents, Proposer shall prepare competitive bid contract documents for multiple prime contracts in accordance with prevailing competitive bidding requirements ("wicks"); and in compliance with the County's Affirmative Action Plan as approved by Resolution No. 26, adopted June 10, 1996

4.3.2 Proposer to prepare a project manual, which includes all County bid forms, conditions of the contract and Owner-Contractor Agreements. Forms shall include:

a. Invitation to BID;
b. Instruction to Bidders;
c. Copy of Owner - Contractor Agreement;
d. General Conditions;
e. Supplemental General Conditions;
f. Technical specifications including performance criteria for all construction materials required on the project.
g. Continuing maintenance agreement specification.

4.3.3 Prepare a final cost estimate and construction schedule

4.3.4 Specify testing and inspection requirements of completed work.

4.3.5 Specify project close out documentation requirements.

4.3.6 Submit the project manual/contract documents and final cost estimate to the owner's representative for review and approval; and make any necessary modifications prior to bidding the project.

4.3.7 Successful firm shall prepare Bid Documents, including all required construction drawings and written Division 01 – 33 specifications. Assembly of **Project manual and general instructions to bidders and compilation of Project Specification Manual will be assisted by ACFE. Assume final submission to occur 4 weeks upon receiving 90% review comments from Albany County Sheriff and ACFE.**

4.4 **Bidding and Contract Negotiation Phase**: for the new **Emergency Management Facility**; The Successful Proposer shall assist the County in all aspects of the bidding phase, including but not limited to:

4.4.1 Soliciting bidders and providing electronic PDF versions of plans and specifications to be used for bidding and preparation of contracts.

4.4.2 Conducting a pre-bid meeting and walk through to present project scope, field Contractor questions and preparation of any necessary addendums. Assist ACFE with contractor questions and prepare any necessary written replies for distribution by the Albany County Purchasing Department.

4.4.3 Assist with contractor interviews and with selection of lowest responsible bidders, to ensure clear understanding of project scope.

4.4.4 Assist with the evaluation of bids and make recommendations regarding award.

4.5 **Contract Administration Phase:** for the new **Emergency Management Facility;** Successful Proposer shall provide all contract administration services throughout completion of the project, as described below, and as required to complete the Project. These services shall include, without limitation the following:

4.5.1 Provide completed Architect's/Engineer's Letter as required by The Albany County Office of Code Enforcement in conjunction with each Prime Contractor's Building Permit package.

4.5.2 Successful firm shall review Contractor submittals for conformance to the provided contract specifications. Review contractor shop drawings and other submittals called for in the contract documents to determine if the contractor understands the contract documents.

4.5.3 Successful firm shall prepare bulletins and/or review change order proposals when requested.

4.5.4 Successful firm shall answer contractor questions during the project construction with follow-up written or verbal correspondence to Albany County Sheriff and ACFE when requested.

4.5.5 Review contractor submittals, including shop drawings and product data, for compliance with approved construction documents. Provide comments for action as necessary to ensure compliance.

4.5.6 Successful firm shall answer Contractor Request for Information (RFI) in written format. Copy Albany County Sheriff and ACFE on all correspondence.

4.5.7 Maintain project records.

4.5.8 Schedule and conduct pre-construction, construction and progress meetings, prepare meeting minutes and distribute to the County and all Contractors.

4.5.9 Review progress schedule and inform the County of any discrepancies or delays, assist with actions required to maintain the proper execution of work.

4.5.10 Review and approve change order proposals, make recommendation and forward to the County for execution.

4.5.11 When work is substantially complete, prepare final punch lists and provide tests as required to ensure compliance with approved construction documents. Provide comments for action as necessary to ensure compliance. Successful firm shall attend Final Punch list Walk-thru; assist Albany County Sheriff and ACFE to prepare an "items-to-be-completed" punchlist

4.5.12 Provide operation, maintenance and parts manuals.

4.5.13 Provide as-built drawings prepared by a Licensed Professional Engineer.

4.5.14 Provide Warranty/Guarantee certification.

4.5.15 Upon final completion of construction, successful firm shall provide certificate of completion to be filed with the Albany County Office of Code Enforcement.

4.5.16 Project cost and quality controls are key design factors that must be considered throughout the design and construction phases of the work. During the preliminary design phase the Architect/Engineer will work with the County representative to establish a construction budget that will become the basis for all future cost analyses. This cost estimate will be updated and further refined during all design phases of the work. All materials and building systems will require value engineering to assure that the County is getting the best quality product/system that is within their budget.

4.5.17 Before construction starts, the Architect/Engineer will be required to meet with the contractor(s) to review their proposed schedule of values for each trade, the construction schedule and specific methods of construction. Any potential problems will be worked out with the contractor(s) at this time.

4.5.18 During construction, the Architect/Engineer will conduct a bi-weekly job meeting with the County representative and the contractor(s). At all meetings, the project cost, quality, schedule, and any other potential problems will be evaluated and resolved.

4.6 **Alternate - Construction Management Phase: Alternate scope of services to base proposal.**

4.6.1 The Construction Manager shall serve as the County's representative for the Construction Management of this project. The scheduling and planning of work shall be coordinated with the Albany County Sheriff's Office and ACFE.

4.6.2 Anticipate the project will consist of a minimum of (5) Prime Contracts. The Construction Manager will be responsible for the oversight and coordination of, and between all Prime Contractors, Albany County Sheriff's Office and ACFE; General Contractor (GC), Plumbing Contractor (PC), Mechanical Contractor (MC), Electrical Contract (EC) and Fire Sprinkler Contractor (FSC).

4.6.3 Construction Manager shall coordinate all scheduling of construction work with the Albany County Sheriff, and ACFE. Construction Manager should be aware of coordination with all other capital projects ongoing within the Albany County Sheriff's Office Public Safety Campus.

4.6.4 Construction Manager shall assist, coordinate, and direct prime contractors to develop construction procedures for phased construction as required to maintain all existing facility operations. Construction Manager and Contractors shall develop and manage a schedule for removal and installation of new and existing E-911 equipment and must ensure uninterrupted operation of the E-911 Communications System.

4.6.5 The Construction Manager shall provide sufficient organization, personnel and management to carry out the requirements of this Request for Proposal in an expeditious and economical manner consistent with the interests of the Owner.

4.6.6 All coordination required with prime contractors and National Grid Electric Services.

4.6.7 Coordination and scheduling of any existing private utilities, and subsurface exploration of the construction site.

4.6.8 Construction Manager is responsible to ensure all building systems are installed and constructed in compliance with the Architects design documents and also ensure compliance with the NYS Building Code and all public entities having jurisdiction. Deviations shall be immediately brought to the attention of the Albany County Sheriff with written documentation.

4.6.9 The Construction Manager shall provide a preliminary evaluation of the Owner's program, time schedule and construction budget requirements including but not limited to Construction and additional Owners Costs (i.e. insurance, furniture, fixtures and equipment, etc) each in terms of the other.

4.6.10 The Construction Manager shall prepare and periodically update a Project Schedule along with Project Budget. Final Proposed Project Schedule will be prepared by the Construction Manager.

4.6.11 The Construction Manager shall, in conjunction with Albany County Purchasing Department, prepare the RFB Documents for Special Testing and Inspections per NYS Building Code and design specifications.

4.6.12 The Construction Manager. shall schedule and conduct meetings to discuss such matters as procedures, progress and scheduling. The Construction Manager shall prepare and promptly distribute minutes to the Owner, Architect/Engineer and Contractors.

4.6.13 Utilizing the Construction Schedules provided by the Construction Manager, and Contractors, the Construction Manager shall update the Project construction schedule incorporating the activities of the Contractors on the Project, including activity sequences and durations, allocation of labor and materials, processing of Shop Drawings, Product Data and Samples, and delivery of products requiring long lead time and procurement. The Project construction schedule shall include the Owner's occupancy requirements showing portions of the Project having occupancy priority. The Construction Manager shall update and reissue the Project construction schedule as required to show current conditions. If an update indicates that the previously approved Project construction schedule may not be met, the Construction Manager shall recommend corrective action to the Owner and Architect/Engineer.

4.6.14 Consistent with the various bidding documents, and utilizing information from the Contractors, the Construction Manager shall coordinate the sequence of construction and assignment of space in areas where the Contractors are performing Work.

4.6.15 The Construction Manager shall endeavor to obtain satisfactory performance from each of the Contractors. The Construction Manager shall recommend courses of action to the Owner when requirements of a Contract are not being fulfilled.

4.6.16 The Construction Manager shall maintain accounting records on authorized Work performed under unit costs, additional Work performed on the basis of actual costs of labor and materials, and other Work requiring accounting records.

4.6.17 Based on the Construction Manager's observations and evaluations of each Contractor's Application for Payment, the Construction Manager shall review and certify the amounts due the respective Contractors.

4.6.18 The Construction Manager shall review Project Applications for Payment based on the Contractors' Certificates for Payment and respective work performed to date. Construction Manager shall also review all Prime Contractor's certified payroll to ensure payrolls meet all prevailing wage rates.

4.6.19 The Construction Manager's certification for payment shall constitute a representation to the Owner, based on the Construction Manager's determinations and on the data comprising the Contractors' Applications for Payment, that, to the best of the Construction Manager's knowledge, information and belief, the Work has progressed to the point indicated and the quality of the Work is in accordance with the Contract Documents. The foregoing representations are subject to an evaluation of the Work for conformance with the Contract Documents upon Substantial Completion, to results of subsequent tests and inspections, to minor deviations from the Contract Documents correctable prior to completion and to specific qualifications expressed by the Construction Manager. The issuance of a Certificate for Payment shall further constitute a representation that the Contractor is entitled to payment in the amount certified.

4.6.20 The Construction Manager shall review the safety programs developed by each of the Contractors for purposes of coordinating the safety programs with those of the other Contractors. The Construction Manager's responsibilities for coordination of safety programs shall not extend to direct control over or charge of the acts or omissions of the Contractors, Subcontractors, agents or employees of the Contractors or Subcontractors, or any other persons performing portions of the Work and not directly employed by the Construction Manager.

4.6.21 The Construction Manager shall determine in general that the Work of each Contractor is being performed in accordance with the requirements of the Contract Documents, endeavoring to guard the Owner against defects and deficiencies in the Work. As appropriate, the Construction Manager shall have authority, upon written authorization from the Owner, to require additional inspection or testing of the Work in accordance with the provisions of the Contract Documents, whether or not such Work is fabricated, installed or completed. The Construction Manager, in consultation with the Architect/Engineer, may reject Work which does not conform to the requirements of the Contract Documents.

4.6.22 The Construction Manager will submit a monthly projection of total costs of the project and update the costs on a monthly basis until project is paid and complete.

4.6.23 The Construction Manager shall review requests for changes, assist in negotiating Contractors' proposals, submit recommendations to the Architect/Engineer and Owner, and if they are accepted, prepare Change Orders and Construction Change Directives which incorporate the Architect/Engineer's modifications to the Documents. Construction Manager shall maintain an updated log of all change orders and construction directives readily available at the owner's request.

4.6.24 The Construction Manager shall record the progress of the Project. The Construction Manager shall submit written progress reports to the Owner and Architect/Engineer including information on each Contractor and each Contractor's work, as well as the entire Project, showing percentages of completion. The Construction Manager shall

keep a daily log containing a record of weather, each Contractor's Work on the site, number of workers, identification of equipment, work accomplished, problems encountered, and other similar relevant data as the Owner may require.

4.6.25 The Construction Manager shall maintain at the Project site for the Owner one record copy of all Contracts, Drawings, Specifications, addenda, Change Orders and other Modifications, in good order and marked currently to record changes and selections made during construction, and in addition, approved Shop Drawings, Product Data, Samples and similar required submittals. The Construction Manager shall maintain records, in duplicate, of principal building layout lines, elevations of the bottom of footings, floor levels and key site elevations certified by a qualified surveyor or professional engineer. The Construction Manager shall make all such records available to the Architect/Engineer and upon completion of the Project shall deliver them to the Owner.

4.6.26 With the Architect/Engineer and the Owner's maintenance personnel, the Construction Manager shall observe the Contractors' final testing and start-up of utilities, operational systems and equipment.

4.6.27 When the Construction Manager considers each Contractor's work or a designated portion thereof substantially complete, the Construction Manager shall, jointly with the Architect/Engineer, prepare for the Contractors a list of incomplete or unsatisfactory items and a schedule for their completion. The Construction Manager shall conduct inspections to determine whether the Work or designated portion thereof is substantially complete, prior to the Architect/Engineer conducting their final review.

4.6.28 The Construction Manager shall coordinate the correction and completion of the work. Following issuance of a Certificate of Substantial Completion of the Work or a designated portion thereof, the Construction Manager shall evaluate the completion of the work of the Contractors and make recommendations to the Architect/Engineer when work is ready for final inspection. The Construction Manager shall assist the Architect/Engineer in conducting final inspections.

4.6.29 The Construction Manager shall secure and transmit to the Architect/Engineer warranties and similar submittals required by the Contract Documents for delivery to the Owner and deliver all keys, manuals, record drawings and maintenance stocks to the Owner. The Construction Manager shall forward to the Owner a final Project Application for Payment upon compliance with the requirements of the Contract Documents.

4.6.30 Duties, responsibilities and limitations of authority of the Construction Manager as set forth in the Contract Documents shall not be restricted, modified or extended without written consent of the Owner and Construction Manager. Consent shall not be unreasonably withheld.

SECTION 5: TERM OF CONTRACT:

5.1 The contract executed pursuant to this RFP shall be from the date of award until project completion.

5.2 The successful Proposer shall execute a contract with the County of Albany in substantial conformance with this RFP as prepared and approved by the County Attorney.

SECTION 6: COST PROPOSAL:

6.1 Submit a cost proposal for the services described above in Section 4, Scope of Services. **All reimbursable expenses must be included in the total cost submitted**. Cost Proposal Form included herein

6.2 Provide any other relevant information that will assist the County in evaluating your proposal.

6.3 Detail the fee structure for the Proposal. **Prepare separate fees for the new Emergency Management Facility;** Cost Proposal Form outline below, including an Alternate Fee for Constructon Management Services;

a. Design Development Phase

b. Construction Document Phase

c. Bidding and Contract Negotiation phase

d. Contract Administration Phase

e. Alternate - Construction Management Phase

6.4 Provide any other relevant information that will assist the County in evaluating your Proposal.

SECTION 7: PROPOSAL SUBMISSIONS

7.1 In order for the County to conduct a uniform review process of all proposals, proposals must be submitted in the format set forth below. Failure to follow this format may be cause for rejection of a proposal because adherence to this format is critical for the County's evaluation process:

SECTION I:

Title Page - The title page should reflect the Request for Proposal subject, name of the proposer, address, telephone number and contact person.

Table of Contents - The Table of Contents must indicate the material included in the proposal by section and page number.

SECTION II:

Qualification / Experience - The Qualification / Experience section must address proposer's qualifications and experience to carry out the requested service, inclusive of, but not limited to: qualification to do business in NYS, number of years in business and length of experience.

Resumes - Resumes of professional staff members who will be involved in the County engagement must be included in this section.

SECTION III:
References - The References section must include references from similar type projects.

SECTION IV:
Plan Implementation - The Plan Implementation Section must address the Scope of Services in terms of the proposer's plan to carry out the requested service.

SECTION V:
Cost Proposal Section - The Cost Proposal Section must include all costs associated with the proposer's plan to carry out the requested service. Any cost proposal forms furnished by the County must be included in this section.

SECTION VI:
Mandatory Documentation - The Mandatory Documentation Section must include: The Non-Collusive Bidding Certificate (Attachment "A"), Acknowledgment by Proposer (Attachment "B"), and Vendor Responsibility Questionnaire (Attachment "C"); Iranian Energy Divestment Certification (Attachment "D").

SECTION 8: PROPOSAL EVALUATION

8.1 Proposals will remain valid until the execution of a contract by Albany County, unless otherwise rejected consistent with this RFP.

8.2 Proposals received will be evaluated by a committee with representation from the Albany County Sheriff's Office and Albany County Department of General Services. Proposals shall be evaluated based upon the following:

CRITERIA	*WEIGHT*
Proposer's comprehension of the required (work) Scope of Services	25%
Prior experience in similar building construction projects	25%
Professional Qualifications	10%
Total proposed price which must include **all** expenses	30%
Client References	10%

8.3 Proposals will be examined and evaluated by the Albany County Sheriff's Office and Albany County Department of General Services with the advice of the Albany County Purchasing Agent to determine whether the requirements of this RFP are met and to make a recommendation to the Albany County Executive, the Albany County Contracts Administration Board or the County Legislature for a contract award.

8.4 A notice of contract award shall not be binding upon the County until the contract has been fully executed by both parties

SECTION 9: SECTION NOT IN USE

SECTION 10: ALTERNATIVES

10.1 Proposer may include in its Proposal items not specified in this RFP, which it would consider pertinent. All such alternatives must be listed separately from the Proposal and the cost thereof must be separate and itemized.

SECTION 11: INDEMNIFICATION

11.1 The successful Proposer shall defend, indemnify and save hold harmless the County, its employees and agents, from and against all claims, damages, losses and expenses (including without limitations, reasonable attorneys' fees) arising out of, or in consequence of, any negligent or intentional act or omission of the successful Proposer, its employees or agents, to the extent of its or their responsibility for such claims, damages, losses and expenses.

SECTION 12: SPECIFICATION CLARIFICATION

12.1 All inquiries with respect to this Request for Proposals must be directed to the Albany County Purchasing Agent as follows:

Karen A. Storm
Albany County Purchasing Agent
112 State Street, ***Room 1000***
Albany, NY 12207
Telephone: (518) 447-7140
Facsimile: (518) 447-5588
Email: Karen.storm@albanycounty.com

12.2 All questions about the meaning or intent of the specifications must be submitted to the aforementioned designated person in writing. Replies will be issued by Addenda mailed or delivered to all parties recorded as having received the proposal documents. Questions received less than four (4) days prior to the date of submission of Proposals will not be answered. The County will be bound only by responses given by formal written Addenda.

12.3 Other than the contact person identified in the Proposal, or their designee, prospective Proposers shall not approach County employees during the period of this RFP process about any matters related to this RFP or any proposals submitted pursuant thereto.

SECTION 13: MODIFICATION AND WITHDRAWAL OF PROPOSALS

13.1 Proposals may be modified or withdrawn at any time prior to the opening of Proposals by an appropriate document duly executed (in the manner that a Proposal must be executed) and delivered to the place where Proposals are to be submitted.

13.2 If within twenty-four (24) hours after the Proposals are opened, any Proposer files a duly signed written notice with the County and promptly thereafter demonstrates to the reasonable satisfaction of the County that there was a material and substantial mistake in the preparation of its Proposal, that Proposer may withdraw its Proposal and the Proposal Security will be returned. Thereafter, that Proposer will be disqualified from making a further or additional proposal on the work contemplated by this RFP.

13.3 Each proposal shall state that it is an irrevocable offer for a period of ninety (90) days from the Proposal opening date. After expiration of the irrevocable offer period, if no contract award has been made, a Proposal may be withdrawn if the Proposer does so in writing directed to the County Purchasing Agent; otherwise, Proposals remain in effect consistent with the terms of this RFP.

SECTION 14: PROPOSAL SECURITY

14.1 No proposal security is requested for this Proposal.

SECTION 15: INSURANCE AND SECURITY REQUIREMENTS

15.1 The successful Proposer will be required to procure and maintain at its own expense, the following insurance coverage:

(a) **Worker's Compensation and Employer's Liability Insurance:** A policy or policies providing protection for Employees in the event of job related injuries.

(b) **Automobile Liability Insurance:** A policy or policies of insurance with the limits of not less than $500,000 combined for each accident because of bodily injury sickness or disease, sustained by any person, caused by accident, and arising out of the ownership, maintenance or use of any automobile for damage because of injury to or destruction of property, including the loss of use thereof, caused by accident and arising out of the ownership, maintenance or use of any automobile.

(c) **General Liability Insurance:** A policy or policies or comprehensive all-risk insurance with limits of not less than:

Liability For:	Combined Single Limit
Property Damage	$1,000,000
Bodily Injury	$1,000,000
Personal Injury	$1,000,000

(d) **Professional Liability:** A policy or policies with limits not less than $5,000,000.00.

15.2 Each policy of insurance required shall be of form and content satisfactory to the Albany County Attorney:

(a) Albany County shall be named as an additional insured on all liability policies. **Proposal number must appear on insurance certificate.**

(b) The policy shall not be changed or canceled until the expiration of thirty (30) days after written notice to Albany County. It shall be automatically renewed upon expiration and continued in force unless Albany County is given at least thirty (30) days written notice to the contrary.

15.3 No work shall be commenced under the contract until the successful Proposer has delivered to the County Purchasing Agent or his designee proof of issuance of all policies of insurance required by the Contract to be procured by the successful Proposer. If at any time, any of said policies shall expire or become unsatisfactory to the County, the successful Proposer shall promptly obtain a new policy and submit proof of insurance of the same to the County for approval. Upon failure of the successful Proposer to furnish, deliver and maintain such insurance as above provided, the contract may, at the election of the County, be forthwith declared suspended, discontinued or terminated. Failure of the successful Proposer to procure and maintain any required insurance shall not relieve the successful Proposer from any liability under the contract, nor shall the insurance requirements be construed to conflict with the obligations of the successful Proposer concerning indemnification.

SECTION 16: REMEDY FOR BREACH

16.1 In the event of a breach by CONTRACTOR, CONTRACTOR shall pay to the COUNTY all direct and consequential damages caused by such breach, including, but not limited to, all sums expended by the COUNTY to procure a substitute contractor to satisfactorily complete the contract work, together with the COUNTY's own costs incurred in procuring a substitute contractor.

SECTION 17: CASH DISCOUNT

17.1 Cash discounts may be offered by a Proposer for prompt payment of bills, but such cash discounts will not be taken into consideration in determining the low Proposer.

17.2 For purposes of any applicable cash discount, the payment date shall be calculated from the receipt of invoice or final acceptance of the goods, whichever is later.

SECTION 18: FREEDOM OF INFORMATION LAW

18.1 Confidential, trade secret or proprietary materials as defined by the laws of the State of New York must be clearly marked and identified as such upon submission. Proposers intending to seek an exemption from disclosure of these materials under the Freedom of Information Law (New York State Public Officers Law, Sections 84-90) must request the exemption in writing, at the time of the submission of the materials, setting forth the reason for the claimed exemption. In addition, the proposer must mark each page of its submission on which there appears any material claimed to be protected as confidential or proprietary with the following legend, in bold face, capital letters at the top of each page: "THE PROPOSER BELIEVES THAT THIS INFORMATION IS PROTECTED FROM DISCLOSURE UNDER THE NEW

YORK STATE FREEDOM OF INFORMATION LAW". Acceptance of the claimed materials does not constitute a determination on the exemption request, which determination will be made in accordance with statutory procedures.

SECTION 19: MACBRIDE PRINCIPLES

19.1 Contractor/Proposer hereby represents that said contractor/proposer is in compliance with the MacBride Principles of Fair Employment as set forth in Albany County Local Law No. [3] for 1993, in that said contractor/proposer either (a) has no business operations in Northern Ireland or (b) shall take lawful steps in good faith to conduct any business operations in Northern Ireland in accordance with the MacBride Principles, and shall permit independent monitoring of their compliance with such principles. In the event of a violation of this stipulation, the County reserves all rights to take remedial measures as authorized under section 4 of Local Law No. [3] in 1993, including, but not limited to, imposing sanctions, seeking compliance, recovering damages, declaring the contract/proposer in default and/or seeking debarment or suspension of the contractor/proposer.

19.2 In the case of a contract which must be let by competitive sealed bidding, whenever the lowest bidder has not agreed to stipulate to the conditions set forth in this section, and another bidder who has agreed to stipulate to such conditions has submitted a bid within five percent of the lowest bid for a contract to supply goods, services or construction of comparable quality, the contracting entity shall refer the contract to the County Legislature, which shall determine whether the lowest bidder is responsible. In making such determination, the County Legislature may consider, as a factor bearing on responsibility, whether the lowest bidder discriminates in employment in Northern Ireland.

19.3 As used in this section, the term "contract" shall not include contracts with government and non-profit organizations, contracts awarded pursuant to an emergency procurement procedure or contracts, resolutions, indentures, declarations of trust or other instruments of authorizing or relating to the authorization, issuance, award, sale or purchase or bonds, certificates of indebtedness, notes or other fiscal obligations of the County, provided that the policies of this section shall be considered when selecting managing underwriters in connection with such activities.

19.4 The provisions of this section shall not apply to contracts for which the County receives funds administered by the United States Department of Transportation, except to the extent Congress has directed that the Department of Transportation not withhold funds from states and localities that choose to implement selective purchasing policies based on agreement to comply with the MacBride Principles, or to the extent that such funds are not otherwise withheld by the Department of Transportation.

SECTION 20: SECTION NOT IN USE

SECTION 21: ANTIDISCRIMINATION CLAUSE

21.1 Pursuant to Section 220-E of the NYS Labor Law, regarding provisions in contracts prohibiting discrimination on account of race, creed, color or national origin in employment

of citizens upon public works, the Contractor agrees: (a) That in the hiring of employees for the performance of work under this contract or any subcontract hereunder, no contractor, subcontractor, nor any person acting on behalf of such contractor or subcontractor, shall by reason of race, creed, color, disability, gender, marital status, military status, sexual orientation or national origin discriminate against any citizen of the state of New York who is qualified and available to perform the work to which the employment relates; (b) That no contractor, subcontractor, nor any person on his behalf shall, in any manner, discriminate against or intimidate any employee hired for the performance of work under this contract on account of race, creed, color, disability, gender, marital status, military status, sexual orientation or national origin; (c) That there may be deducted from the amount payable to the contractor by the state or municipality under this contract a penalty of fifty dollars for each person for each calendar day during which such person was discriminated against or intimidated in violation of the provisions of the contract; (d) That this contract may be cancelled or terminated by the state or municipality and all moneys due or to become due hereunder may be forfeited, for a second or any subsequent violation of the terms or conditions of this section of the contract; and (e) The aforesaid provisions of this section covering every contract for or on behalf of the state or a municipality for the manufacture, sale or distribution of materials, equipment or supplies shall be limited to operations performed within the territorial limits of the state of New York.

SECTION 22: SECTION NOT IN USE

SECTION 23: INTERPRETATION

23.1 In the event of any discrepancy, disagreement or ambiguity among the documents which comprise this RFP, and/or, the Agreement (between the County and the successful Proposer) and its incorporated documents, the documents shall be given preference in the following order to interpret and to resolve such discrepancy, disagreement or ambiguity: 1) the Agreement; 2) the RFP; 3) the Contractor's proposal.

SECTION 24: NON-APPROPRIATIONS CLAUSE

24.1 Notwithstanding anything contained herein to the contrary, no default shall be deemed to occur in the event no funds or insufficient funds are appropriated and budgeted by or are otherwise unavailable to the County for payment under this Agreement. The County will immediately notify the Contractor of such occurrence and this Agreement shall terminate on the last day of the fiscal period for which appropriations were received without penalty or expense to the County of any kind whatsoever, except as to those portions herein agreed upon for which funds shall have been appropriated and budgeted.

SECTION 25: IRANIAN ENERGY SECTOR DIVESTMENT

25.1 Contractor/Proposer hereby represents that said Contractor/Proposer is in compliance with New York State General Municipal Law Section 103-g entitled "Iranian Energy Sector Divestment", in that said Contractor/Proposer has not:

(a) Provided goods or services of $20 Million or more in the energy sector of Iran including but not limited to the provision of oil or liquefied natural gas tankers or products used to construct or maintain pipelines used to transport oil or liquefied natural gas for the energy sector of Iran; or

(b) Acted as a financial institution and extended $20 Million or more in credit to another person for forty-five days or more, if that person's intent was to use the credit to provide goods or services in the energy sector in Iran.

25.2 Any Contractor/Proposer who has undertaken any of the above and is identified on a list created pursuant to Section 165-a (3)(b) of the New York State Finance Law as a person engaging in investment activities in Iran, shall not be deemed a responsible bidder pursuant to Section 103 of the New York State General Municipal Law.

25.3 Except as otherwise specifically provided herein, every Contractor/Proposer submitting a bid/proposal in response to this Request for Bids/Request for Proposals must certify and affirm the following under penalties of perjury:

(a) "By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid, each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief, that each bidder is not on the list created pursuant to NYS Finance Law Section 165-a (3) (b).

Albany County will accept this statement electronically in accordance with the provisions of Section 103 of the General Municipal Law.

25.4 Except as otherwise specifically provided herein, any Bid/Proposal that is submitted without having complied with subdivision (a) above, shall not be considered for award. In any case where the Bidder/Proposer cannot make the certification as set forth in subdivision (a) above, the Bidder/Proposer shall so state and shall furnish with the bid a signed statement setting forth in detail the reasons therefor. The County reserves its rights, in accordance with General Municipal Law Section 103-g to award the Bid/Proposal to any Bidder/Proposer who cannot make the certification, on a case-by-case basis under the following circumstances:

(1) The investment activities in Iran were made before April 12, 2012, the investment activities in Iran have not been expanded or renewed after April 12, 2012, and the Bidder/Proposer has adopted, publicized and is implementing a formal plan to cease the investment activities in Iran and to refrain from engaging in any new investments in Iran; or

(2) The County of Albany has made a determination that the goods or services are necessary for the County to perform its functions and that, absent such an exemption, the County of Albany would be unable to obtain the goods or services for which the

Bid/Proposal is offered. Such determination shall be made by the County in writing and shall be a public document.

SECTION 26: SECTION NOT IN USE

SECTION 27: STORMWATER MANAGEMENT PROGRAM

27.1 Bidder understands that Albany County is a regulated entity subject to the SPDES General Permit for Stormwater Discharges from Municipal Separate Storm Sewer Systems (GP-0-15-003), and must comply with the terms and conditions of the aforementioned Permit. Bidder further understands that under the New York State Environmental Conservation Law, it is unlawful for any person to directly or indirectly cause or contribute to a violation of water quality standards, and that Albany County adopted Local Law 7 of 2007 enabling the County to take action against any discharges that cause or contribute to a violation of water quality standards. Bidder agrees to comply with the terms and conditions of the SPDES General Permit for Stormwater Discharges from Municipal Separate Storm Sewer Systems (GP-0-15-003) as well as Albany County Local Law No. 7 for 2007 and any Best Management Practices developed pursuant to the foregoing, as established in Albany County's Stormwater Management Program Plan. Bidder also agrees to implement any corrective actions identified by Albany County or a representative pursuant to the above regulations, and further understands that any non-compliance by the County will not diminish, eliminate, or lessen Bidder's own liability. **Awarded bidder shall execute and deliver to the County a certification statement acknowledging the above provisions prior to commencing any work (see Sheet MS4-1/Attachment "E").**


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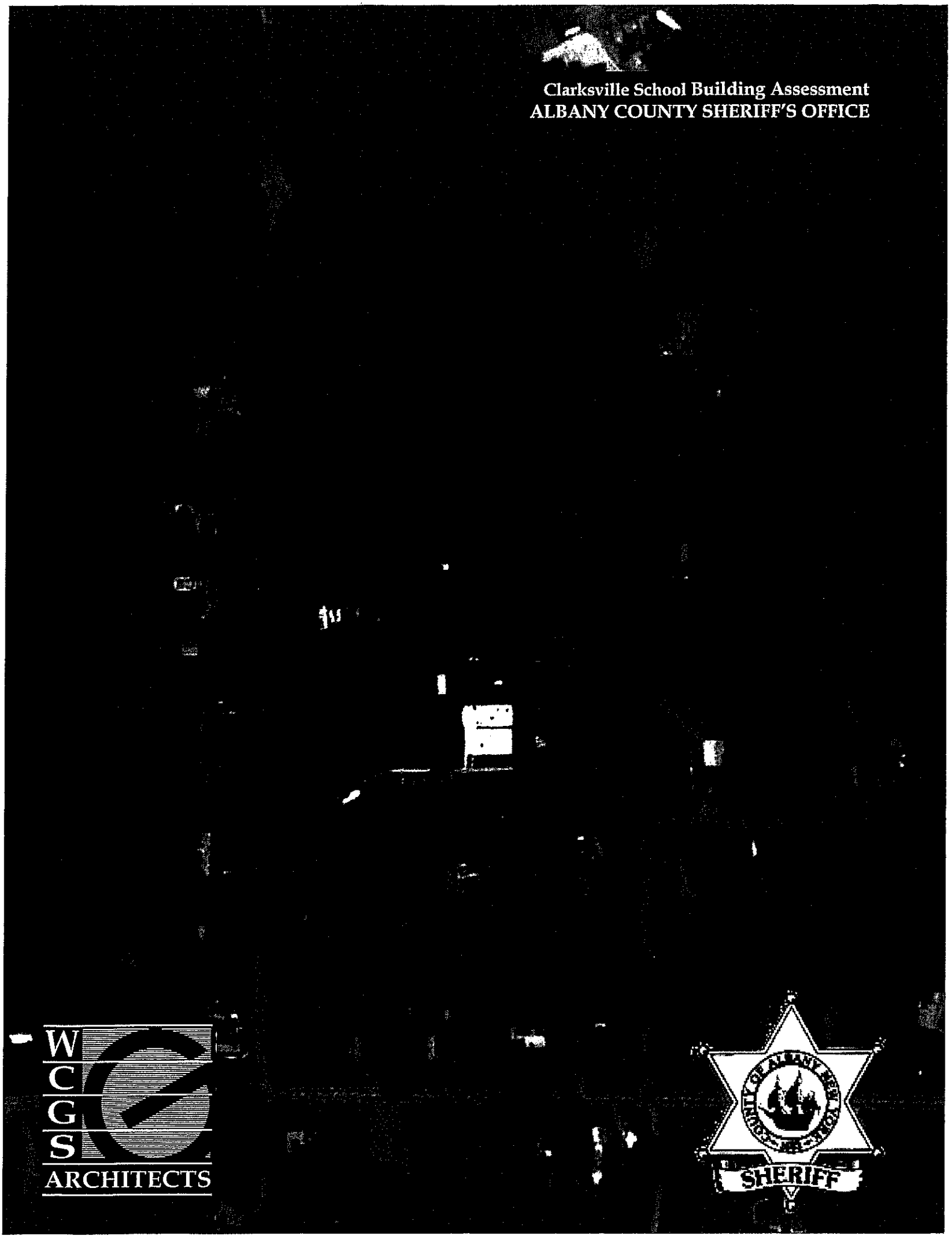


Clarksville School Building Assessment
ALBANY COUNTY SHERIFF'S OFFICE

WCGS ARCHITECTS

SHERIFF

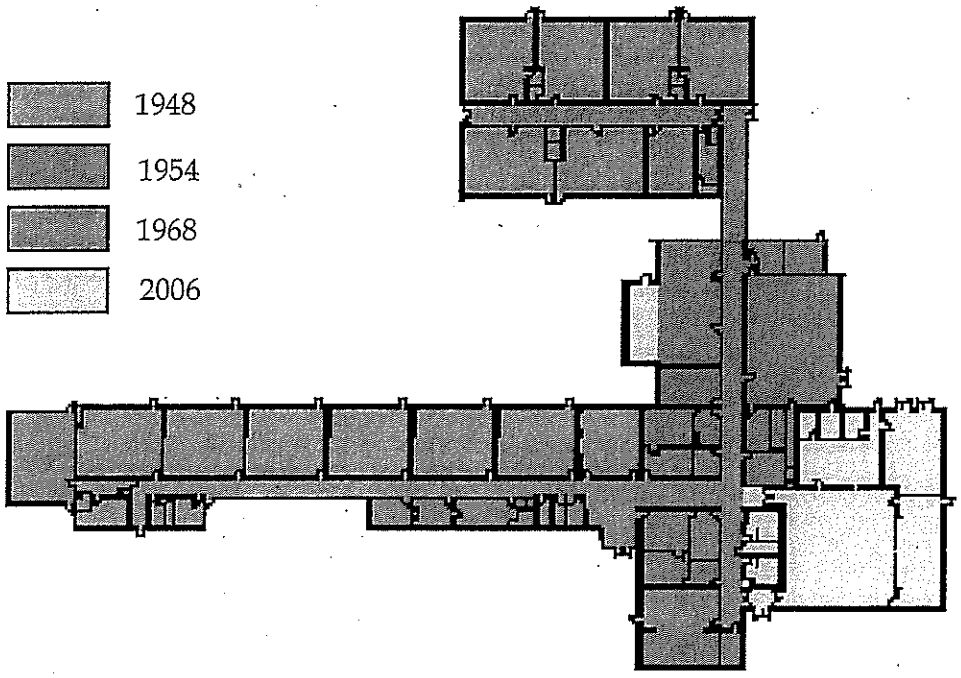
TABLE OF CONTENTS

1. INTRODUCTION

The County of Albany has commissioned WCGS Architects, Huston Engineering and WEB Engineering to perform an Assessment of the former Clarksville Elementary School located at 58 Verda Avenue in Clarksville, New York. The purpose of the Assessment is to provide the Albany County Sheriff's Office with a description of the condition of the building and its systems prior to the Sheriff's Office purchase of the facility from the Bethlehem Central School District. The Assessment has investigated conditions in the following categories:

- Architecture (Building Envelope and Interior)
- Building Code and Regulatory Compliance
- Building Structure
- Mechanical Systems
- Electrical Systems
- Plumbing Systems
- Fire Protection Systems
- Telecommunications Systems
- Security Systems
- Kitchen Equipment
- Furniture

The Clarksville Elementary School was originally constructed in 1948 and has since undergone several additions and renovations to reach its present state.



1. INTRODUCTION

The building ceased operations as a school in 2012 and has been occupied by the Albany County Sheriff since then through a lease agreement with the School District. Currently the building accommodates Sheriff patrol, Town of New Scotland Justice Court and community activity functions.

This Assessment Report is based upon our Project Team's review of drawings and documents obtained from the Bethlehem School District and our site visit on May 4, 2018 to observe existing conditions. Documents such as the "2015 Five-Year Capital Facilities Plan" cited throughout this Report can be found in the Reference Documents section of the Report. Room numbers cited are found on the floor plan in the Reference Documents section.

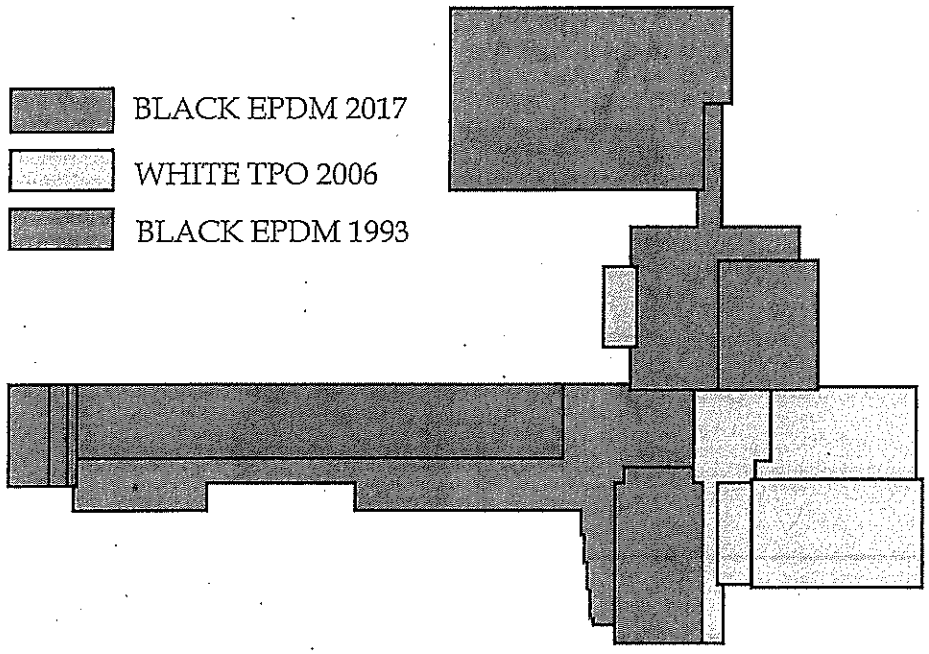
Note: The Assessment represents a professional opinion based upon the information indicated within and upon past experience with similar conditions. This report is not intended to be a complete or comprehensive review of the structure and only addresses the readily apparent conditions observed during our visit. Unknown and/or hidden conditions may exist. The work has been performed in accordance with generally accepted principles and practices of architecture and engineering. No either expressed or implied warranty is provided.

The Sections on the following pages describe our findings.

2.1 Building Envelope

.1 Roof

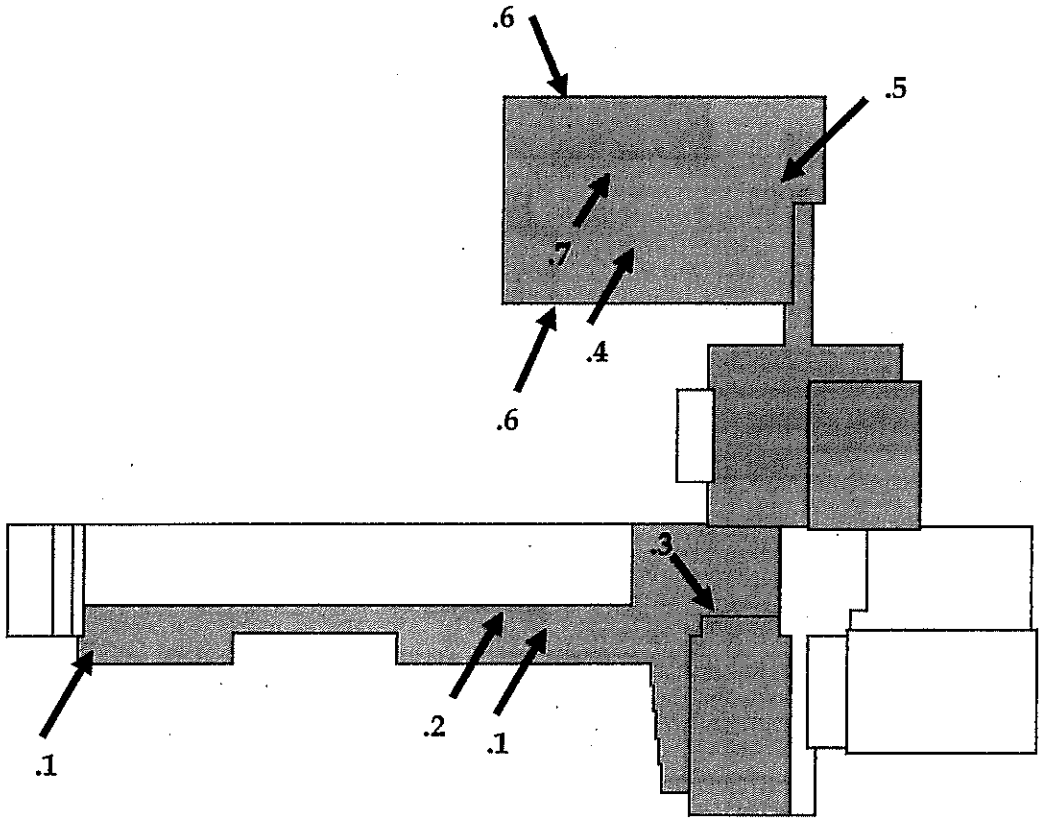
The roof surfaces consist of multiple different roof covering materials applied at different stages of the building's history, as shown below:



1993 Roof Installation

This black EPDM roofing installation extends over portions of the 1948 building, the 1954 addition and the 1968 addition and comprises approximately 20,900 square feet of roof area.

Generally, the 1993 portions of the roof have reached or are reaching the end of their useful life. These roof areas were identified as a high priority for replacement in the 2015 Facilities Plan.

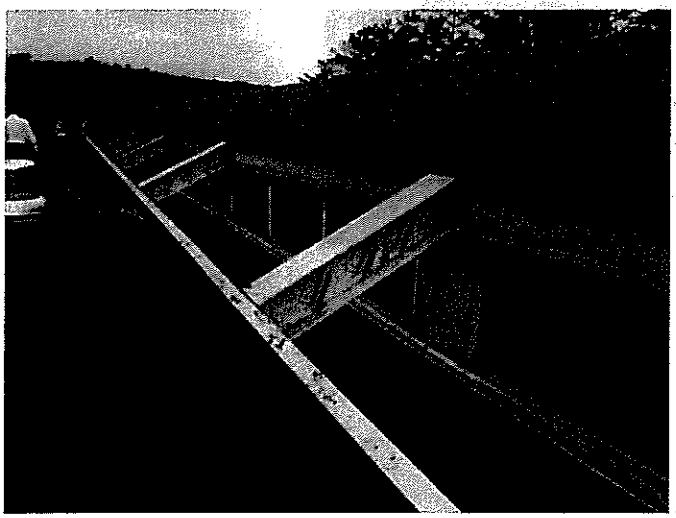


Numbers shown above correspond to items identified on the following pages.

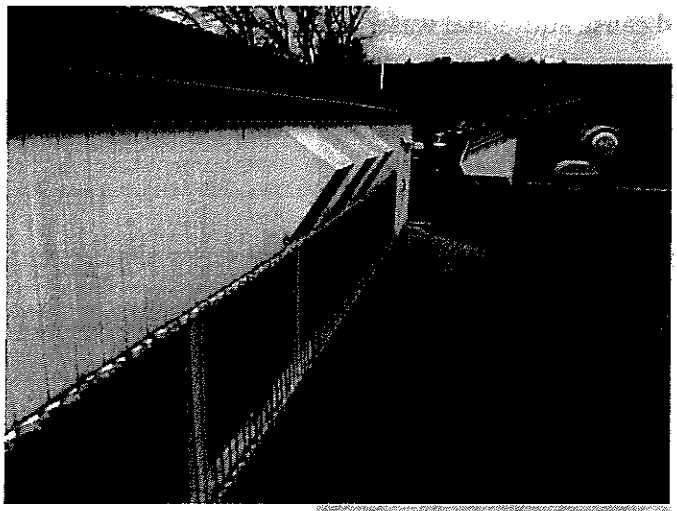
2. ARCHITECTURE (BUILDING ENVELOPE AND INTERIOR)

.1 Multiple instances of ponding were observed, indicating insufficient slope to drains or scupper outlets. Separation of the roof membrane from the substrate was observed, in the form of areas of loose membrane bubbling from the substrate. Occupants described recurring leaks in Room 15, which contains telecommunications equipment for the town court. Insulation above the ceiling /below the roof in this area has been removed, which may result in additional heat loss and cause additional water infiltration.

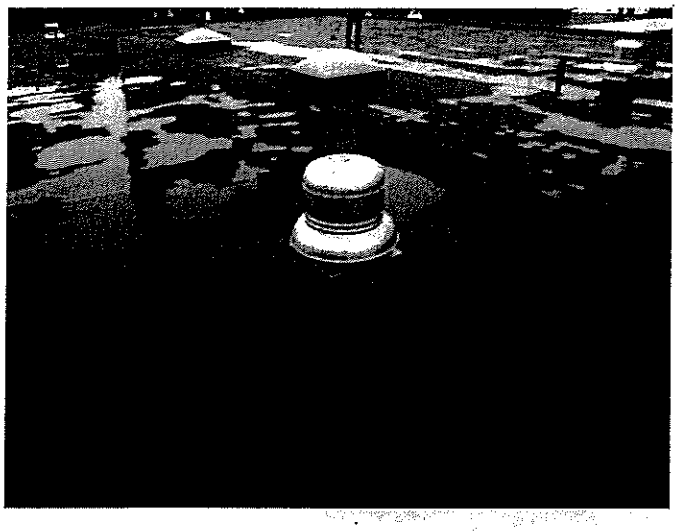
.2 The roof membrane at the clerestory windows on the south side of Rooms 8, 9 , 10, 11, 12 and 13 has a very short (approximately 3 inch) vertical return below the windows. Building occupants report that snow from the roof above the clerestories slides down on the roof below, piling up and causing water infiltration through the windows if the snow is not manually cleared.



.3 Building occupants report repeated instances of leaks around the skylight in the passage space adjacent to Room 30. This is possibly another area with insufficient vertical return of the roof surface, which allows snow against the wall to infiltrate as water.



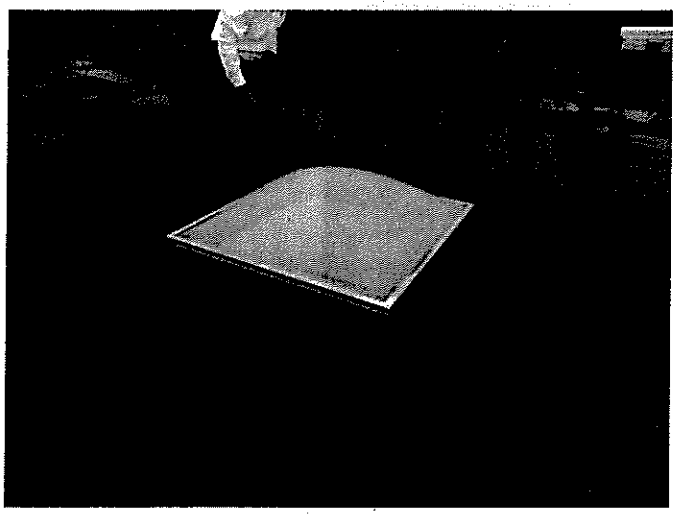
.4 On the 1968 wing there were multiple shallow areas of ponding, indicating insufficient slope to the drain. The membrane appears to have maintained its bond to the substrate on this portion of the building.



.5 This roof area is served by only one roof drain, making it susceptible to overflow or leaks if the drain becomes clogged and is not maintained. Building occupants reported that multiple adjacent tall pine trees dropping their needles on to the roof have caused drain blockages previously, and the 2015 Facilities Plan recommended annual clearing of the roof drain. When this roof is replaced, consideration should be given to providing at least one additional roof drain.

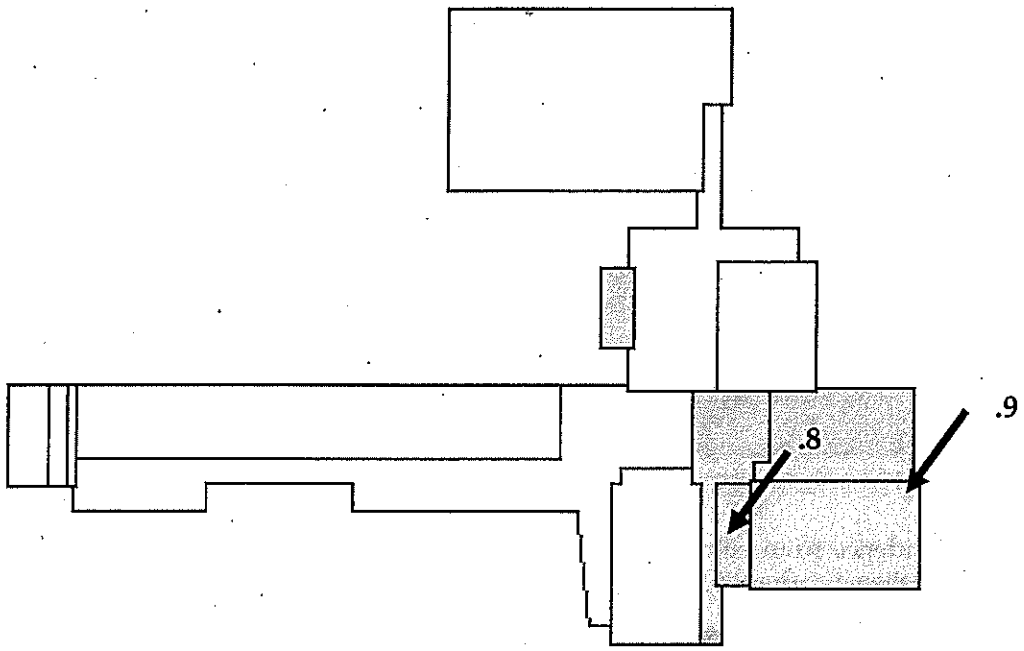
.6 There are two overflows scuppers along the north and south edges of the roof. However, these are located so far to the west of (and much higher than) the drain that the roof is more likely to overflow onto the adjacent lower roof than through the relief scuppers. When this roof is replaced, scuppers should be located to adequately protect the roof.

.7 This roof area contains two skylights, which building occupants indicate have been an occasional source of leaks. Observation of the skylights found water visible below the glazing at the top of the curb, indicating that there is no path for escape from the assembly once it has infiltrated.



2006 Roof Installation

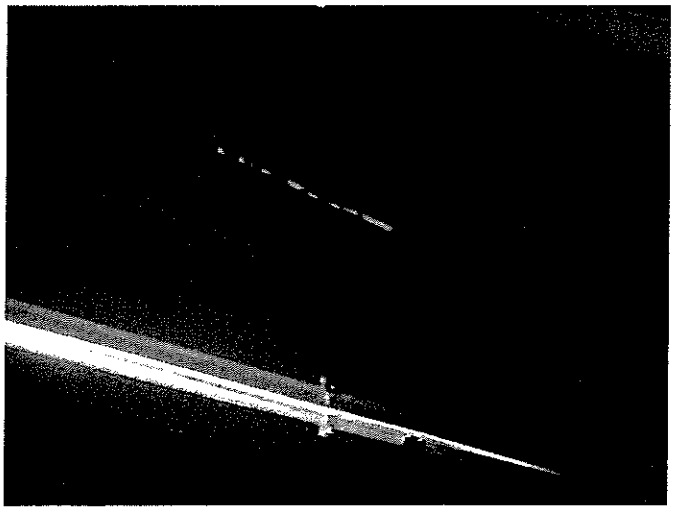
This white TPO roofing installation extends over the 2006 addition and portions of the 1954 addition and comprises approximately 8,200 square feet of roof area.



Numbers shown above correspond to items identified on the following pages.

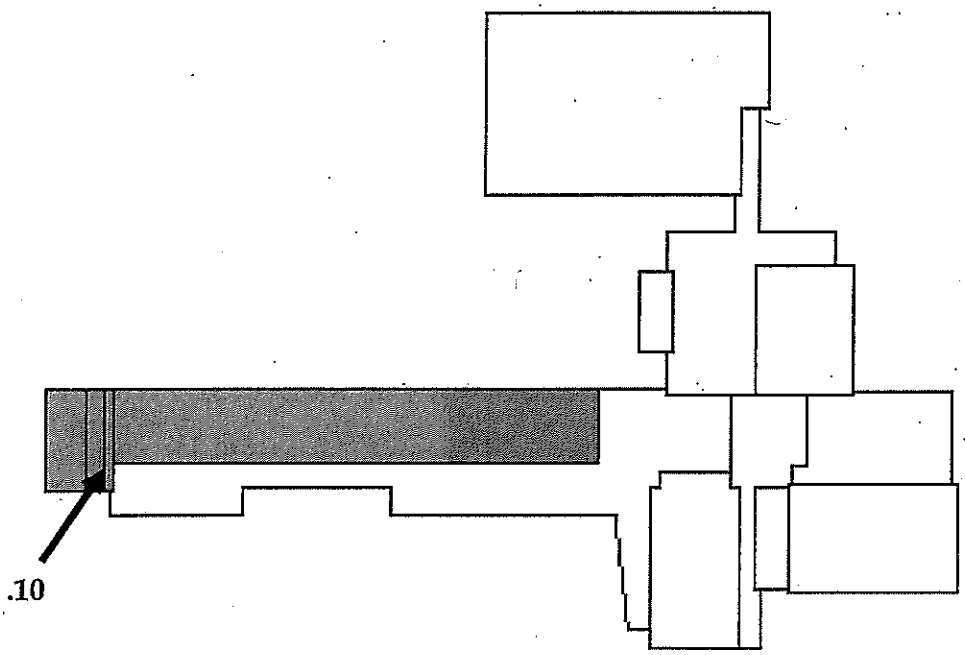
.8 There are areas of significant ponding, indicating insufficient slope to the roof drains above Rooms 27 and 28 and the adjacent passages. The roof surface is spongy in several location, indicating that the substrate below has been degraded due to water infiltration.

.9 There is evidence from below of an active roof leak above the northeast corner of Room 42 and the southeast corner of Room 41.



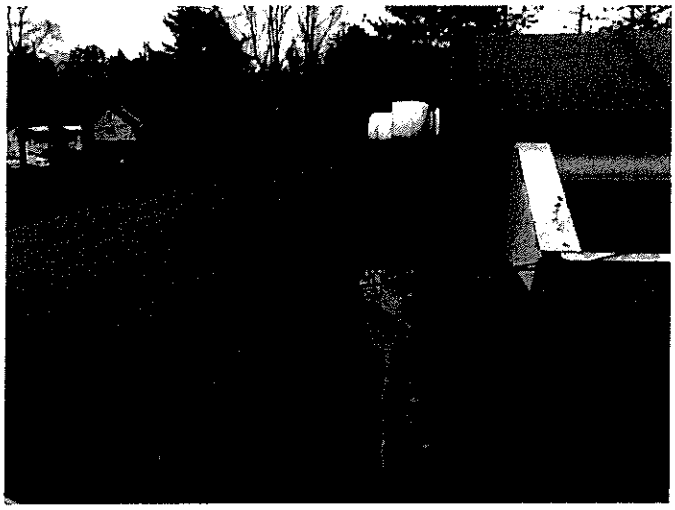
2017 Roof Installation

This black EPDM roofing installation extends over portions of the 1948 building and the 1954 addition and comprises approximately 7,200 square feet of roof area.



Numbers shown above correspond to items identified on the following pages.

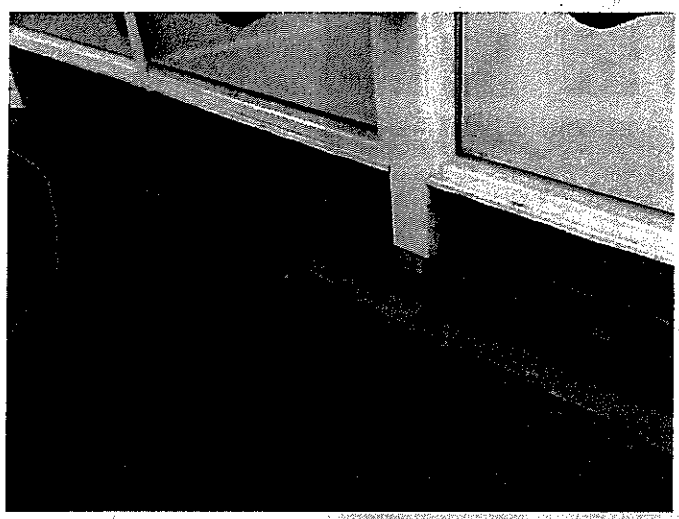
.10 Building occupants reported recurring leaks above Room 14 at the intersection with the 1948 wing. Where the sloped roof intersects with the flat roof the membrane has detached from the substrate, preventing water from reaching the drain, which may be causing ponding and allowing for water infiltration.

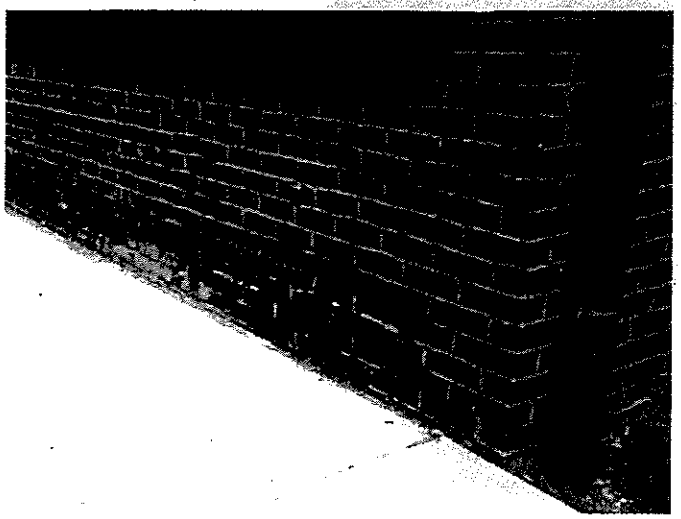


2.2 Exterior Walls

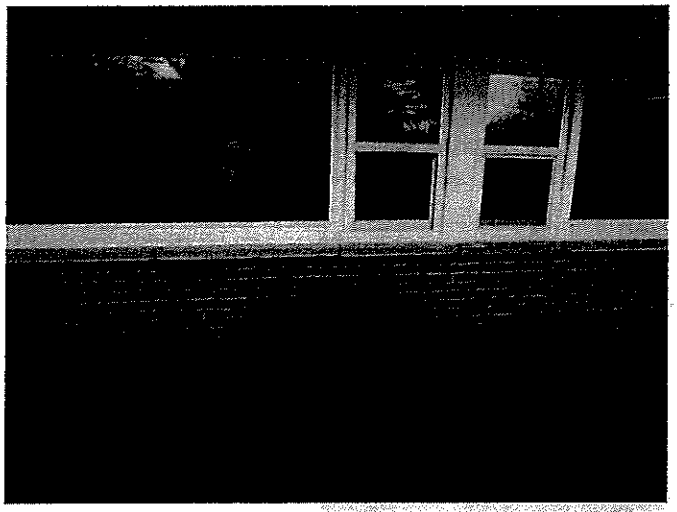
.1 Numerous instances of deteriorated brick and mortar on the 1948 and 1954 sections were identified. Brick and mortar in these areas will require replacement for at least several courses above the ground. This deterioration was listed in the 2015 Facilities Plan, and appears to be caused by three conditions:

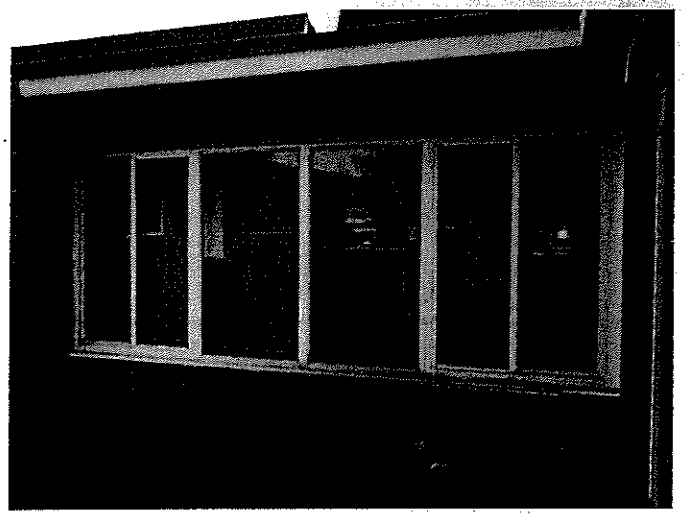
Salting of adjacent walking and driving surfaces:





Water from roof drains or scuppers falling uncontrolled onto ground mounted splash blocks and splashing onto the adjacent brick wall surfaces. Erosion from the splashing and freeze / thaw action of the splashed water is likely responsible for the resulting deterioration. Brick in these areas may be salvageable if cleaned. The mortar will at a minimum require repair.





Incorrect slope of the concrete walkway below the main entrance directs water toward the brick wall, allowing it to pool against the brick and cause damage from freeze / thaw action. Brick and mortar in these areas will require replacement for at least several courses above the ground.

.2 Precast concrete sills below numerous windows on the 1948 wing are cracking and breaking apart, with fracturing of one sill exposing the steel reinforcing bar. This damage is referenced in the 2015 Facilities Plan. Replacement of the damaged concrete sills will be required at these locations.

.3 The EIFS wall surface on the north wall of the 2006 addition above the adjacent roof is stained and may have mold growth present. This may be due to the lack of sun on this exposure combined with moisture from snow accumulating on the roof below. This is the area of the roof leak identified in 2.1.9.

.4 Finish grade outside of Room 25A/25B/24A/22/20 extends above finished floor height. This condition may allow for moisture infiltration through the exterior masonry wall.

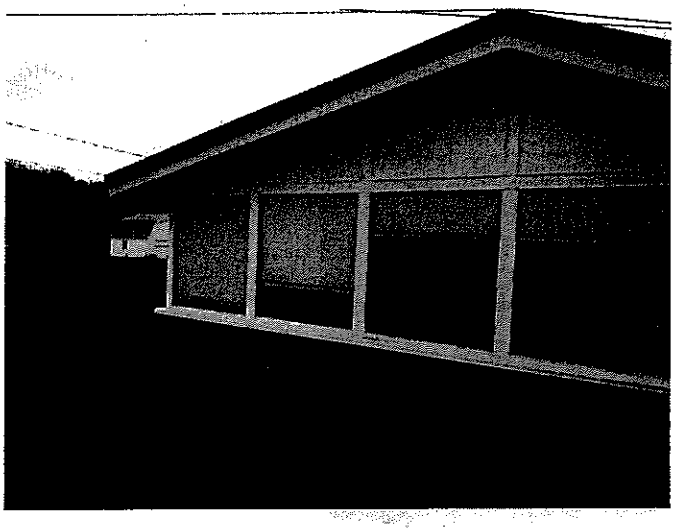
.5 Metal panel between exterior doors on the west side of the 1968 addition is corroded at grade, and will likely need replacement.

2.3 Openings

.1 Metal doors to the exterior from Rooms 8, 9, 10, 11, 12 and 13 are corroded at their base. This may be partly a function of uncontrolled water hitting the ground from the roof edge above. Building occupants report no current issues with water infiltration at the doors. Ground mounted concrete pads at these locations have shifted to slope toward the building at these doors. These issues were identified in the 2015 Facilities Plan. If doors are no longer required from these rooms, consider replacement with solid panels. If doors are required consider replacement with FRP doors similar to those used in other locations of the building, and the installation of new concrete pads with proper slope.

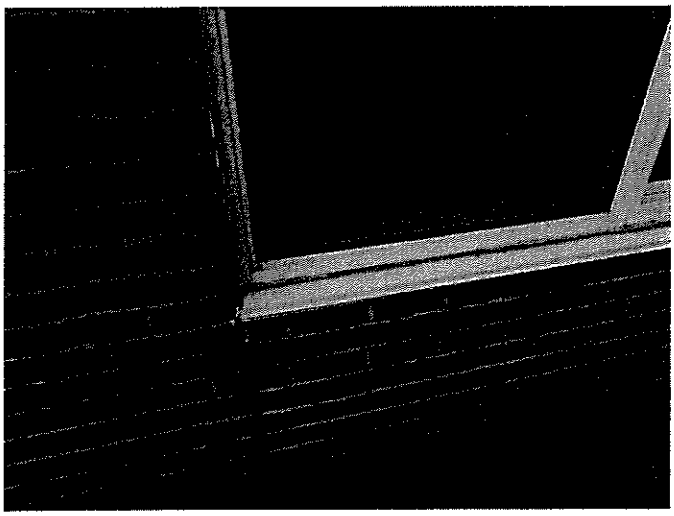
.2 Building occupants reported air leakage from the northern most grouping of windows in Room 20. These windows should be investigated to determine if repairs to sealant joints are sufficient or if window replacement is required.

.3 Some exterior windows at Room 14 are original single pane glass units, which provide poor thermal performance. A portion of the windows have had new insulated glass units set into the existing frames with sealant. Thermal performance of the non-thermally-broken frames will continue to be poor. Exterior steel frames have been painted, and paint has begun to peel from the frames.



2.4 Sealant Joints

.1 Sealant joints at opening perimeters and control joints show evidence of deterioration. Consider recaulking of all exterior joints to prevent moisture infiltration. Analysis of existing caulking material must be performed prior to removal to determine the presence of hazardous materials.

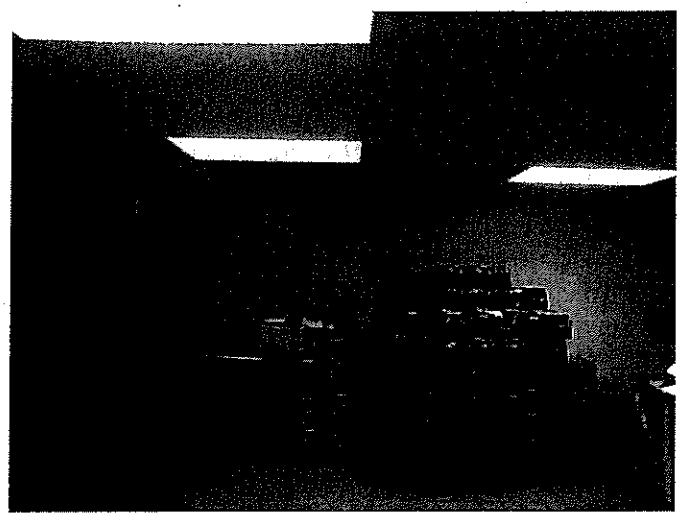


2.5 Building Interior

.1 Floor tiles have come loose in several spaces of the 1968 addition. This is potentially the result of moisture coming through the concrete floor slab. It is recommended that thorough testing of the slab moisture content be performed prior to any floor finish replacement.

.2 The ceiling tile and grid in Room 15 is stained / damaged due to recurring roof leaks. Ceiling tile should continue to be replaced as needed, with consideration for replacing corroded areas of grid when roof leaks have been resolved.

.3 Ceiling grid and tile are missing in Room 44 (Kitchen). This area of ceiling had accommodated dishwashing equipment during school operations, and should be replaced if the space is to be further used as a kitchen.



2.6 Hazardous Materials

.1 Asbestos is present in building materials located in several sections of the building. In 1988 the Bethlehem Central School District completed an Asbestos Management Plan that identified asbestos containing materials and began the process of abatement, which has occurred in areas undergoing renovation since the Management Plan went into effect.

The School District has also performed regular monitoring of the remaining asbestos containing material on site to verify that conditions have not become more hazardous. The original Asbestos Management Plan and subsequent monitoring documentation is available from the School District, and this information must be taken into account in the planning and budgeting for potential renovations to the building.

3.1 Building Code

.1 Renovations to the facility will be governed by the current version of the International Existing Building Code. The IEBC sets different compliance requirements for different levels of alteration or addition to the building, and these requirements must be analyzed for each potential alteration or addition to determine the level of compliance required.

.2 Use of the building for Sheriff's patrol (Business B occupancy) and Town Court (Assembly A-3 occupancy) may result in different application of the building codes than the facility's previous use as an Education occupancy.

.3 The 2006 addition provides for the required to hour fire barrier occupancy separation between a Business and an Assembly occupancy.

4. Under the current EIBC, the change of occupancy from Education to Assembly requires that a fire sprinkler system be provided for the Assembly occupancy.

3.2 Accessibility Code

.1 Compliance with accessibility code requirements is also governed by the IEBC, which will have different thresholds for compliance depending upon which areas of the building are altered and the extent of the alterations.

.2 In general, access to building spaces (width of travel pathways, sloping surfaces, door swings) is already provided throughout the building. Accessible toilet rooms are also provide in Rooms 27 and 28.

.3 Improvements to door hardware and accessible signage should be considered in older portions of the building. The area of the 2006 addition includes these features today.

3.3. Historic Building Regulations

.1 The Clarksville School building was added to the National Register of Historic Places in 2008 for its architectural significance as an example of modern architectural school design, based upon the original 1948 building. This listing means that any modifications made to the building that make use of federal funding must abide by the preservation guidance provided by the local authority having jurisdiction, which in New York State is the State Historic Preservation Office (SHPO). Conversely, building modifications made with funding from other than federal sources are exempt from compliance with preservation guidance. The Sheriff's office will have the option of voluntarily seeking guidance from SHPO when modifying the building.

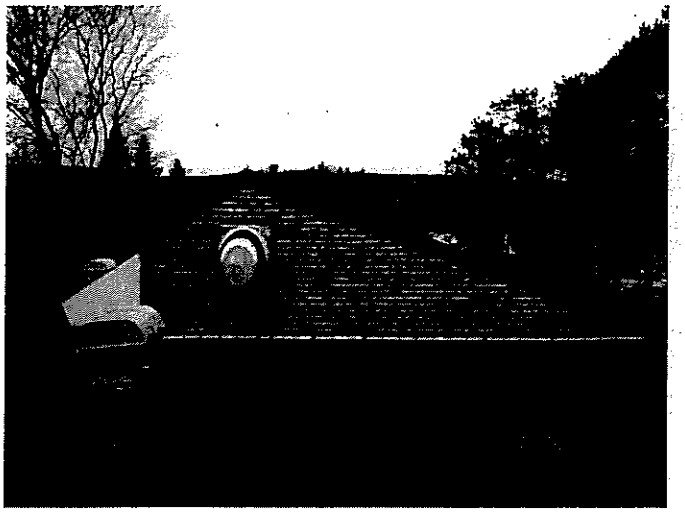
4.1 Exterior

.1 Roof and Exterior Walls Above Low Roofs:

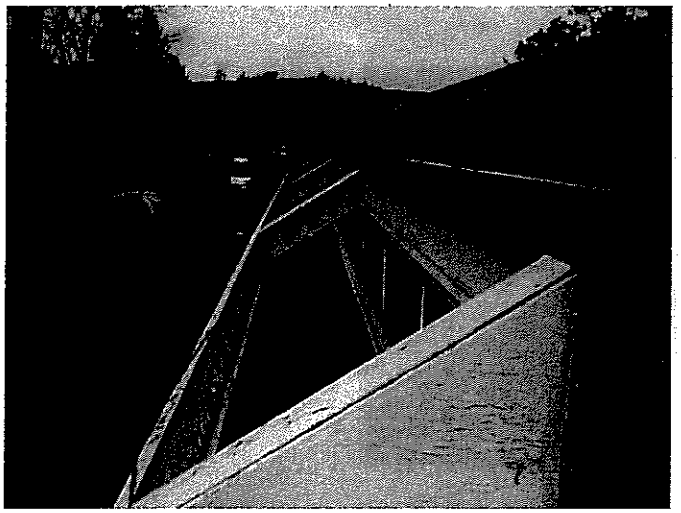
The several additions that have occurred since construction of the original 1948 building have resulted in many different roof levels and exterior brick wall surfaces between lower and higher roof levels. The following items were observed from the roof levels.

.1 Deterioration in the form of cracks, offsets, loose units, and eroded mortar joints were observed at the top (all sides) of the masonry chimney located in the original 1948 building. This damage allows moisture to penetrate the exterior surface, will continue to deteriorate, and should be repaired.

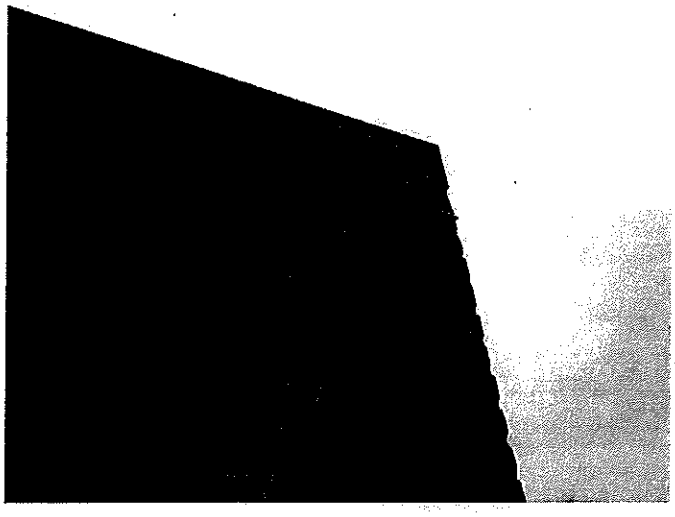
.2 A few cracks were observed in the exterior brick surfaces of the two gable ends of the pitched roof sections of the original 1948 building. This allows moisture to penetrate the exterior surface, causing continuing deterioration, and should be repaired.



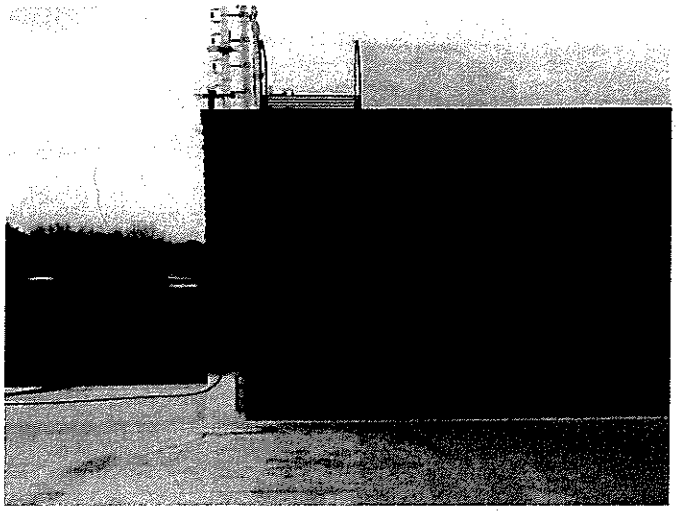
.3 Rust and peeling paint was observed on the exterior steel surfaces of the 1948 Building clerEstory sunshade framing. Deterioration appears minor but will continue to progress. Scraping and repainting is recommended.



.4 Minor cracks in the mortar joints were observed at the upper corners of the 1954 Addition Play Room (Gymnasium Room 21). These should be repaired to prevent water infiltration.



.5 peeling and missing paint and rust is present on the steel ladder and ladder anchors extending from the low to high roof at the 1954 Addition Gymnasium. Current conditions do not appear to represent a significant structural concern, but deterioration will continue if not addressed.



.6 The multiple roof levels that exist in the Original 1948 Building and that were created in the additions since, increase the potential for snow drifts to develop on the lower roofs against the walls of the higher levels. While design of roof structures for snow drifts is a current code requirement it was not a specific requirement at the time in which several of these buildings/additions were constructed. While we do see evidence (not appearing to be part of the provided existing building drawings) of some potential roof reinforcing (south side of 1954 Gymnasium), it is likely that portions of the existing roof structures are not capable of supporting a current code required snow drift load. Additional analysis and investigation of the lower roof structures would be required to fully understand the extents of this issue. Unless addressed, snow drift conditions should also be monitored and removed if they become significant.

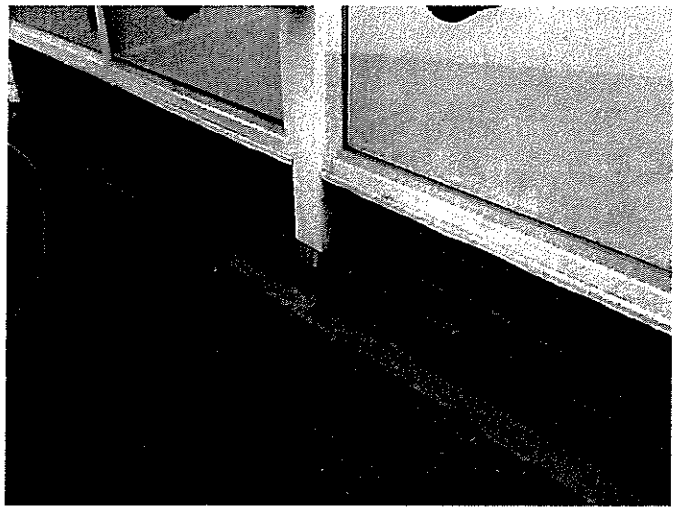
.2 **Exterior Walls Below Roof**

For the most part the exterior surface of the perimeter walls in all portions of the building is brick masonry. The original building and earlier addition perimeter walls appear to consist of composite (no air space) brick (exterior) and concrete (interior) masonry. The 2006 addition exterior walls appear to consist of brick and concrete masonry cavity (air space) walls. The following items were noted from the ground level.

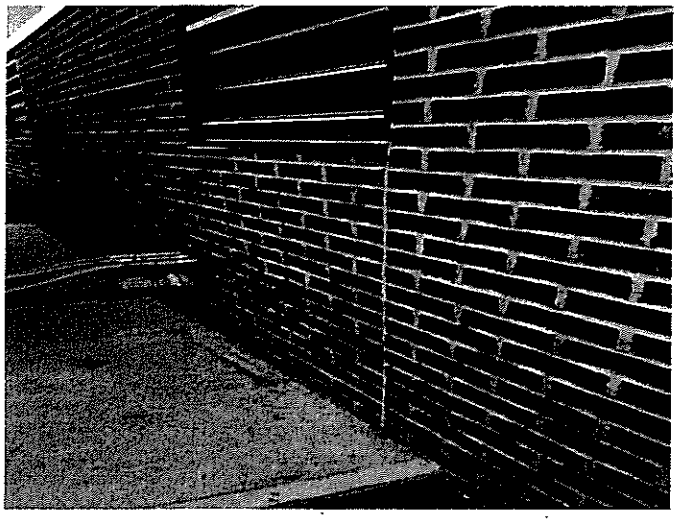
.1 What appears to be exposed and rusting horizontal joint reinforcing was observed at a few locations in the west exterior wall of the 1968 Addition. This is likely the result of water infiltrating the wall surface and joint reinforcing being installed too close to the face of the wall. This should be addressed to prevent further deterioration.

.2 Mortar is missing at the ends of a few steel lintels located over exterior openings at the Original 1948 Building and the 1954 Addition. Rust has started to form on the lintels in places. The steel surfaces should be treated, and the mortar replaced to slow the deterioration.

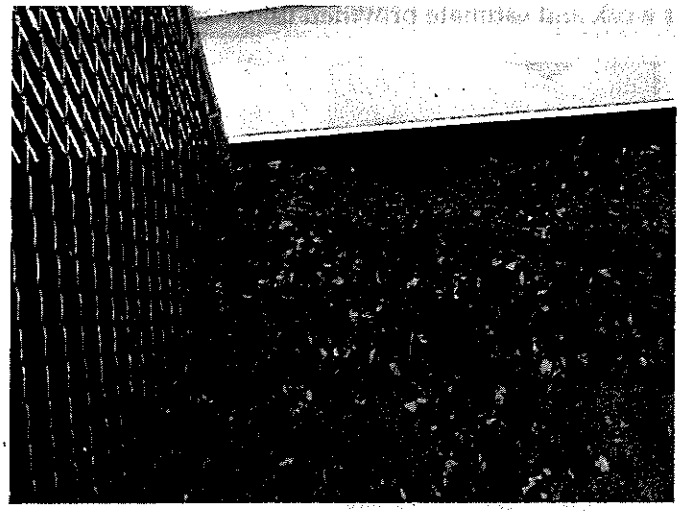
.3 Significant deterioration of the lower sections of the west wall of the 1954 Addition Gymnasium is present in the form of eroded mortar joints in the first few courses of brick and what appears to be significant rusting of the outer surface of the structural steel columns which support the roof structure. The full extent of this damage requires further investigation and reinforcement of the steel columns is likely needed. The assessment Project Team is preparing a scope of work to perform removals necessary to better understand the degree of deterioration and development of documents describing any required repairs. Scope of work and estimate provided under separate cover.



4. A vertical crack in the brick veneer was observed on the west wall of the 2006 Boiler Room Addition. The cause is unknown but appears to be the result of possible impact to the wall. This should be repaired to prevent water infiltration.



5. What appears to be broken foundation masonry allowing water to enter the pipe trench located along the north wall of the classroom wing of the Original 1948 Building was observed at several locations. Additionally, exterior grade along this wall is high and nearly level appearing to direct water towards the building. A continuous stream of water was observed flowing into the boiler room located at the end of this trench. The foundation wall should be repaired and sealed, and water should be directed away from the building.



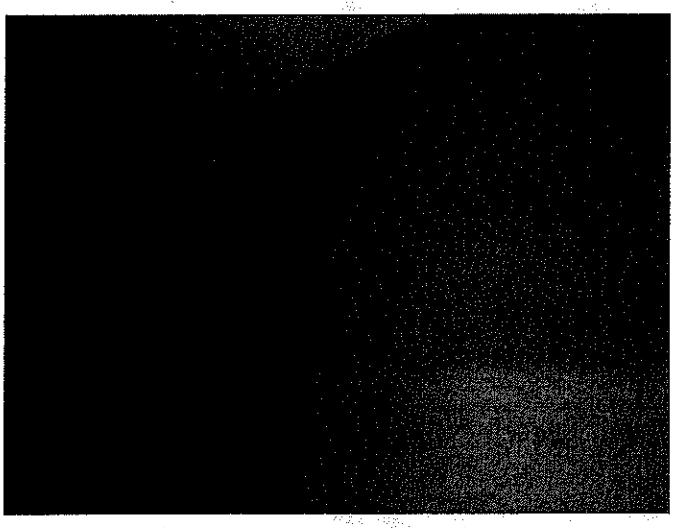
6. In general grading around the perimeter of the building is flat, in some instances actually directs water towards the building (from roof drains / scuppers and surface runoff). These conditions are causing deterioration of the structure in the form of rusted columns, deteriorated brick and deteriorated foundation walls. Efforts should be made to direct all water away from the building.

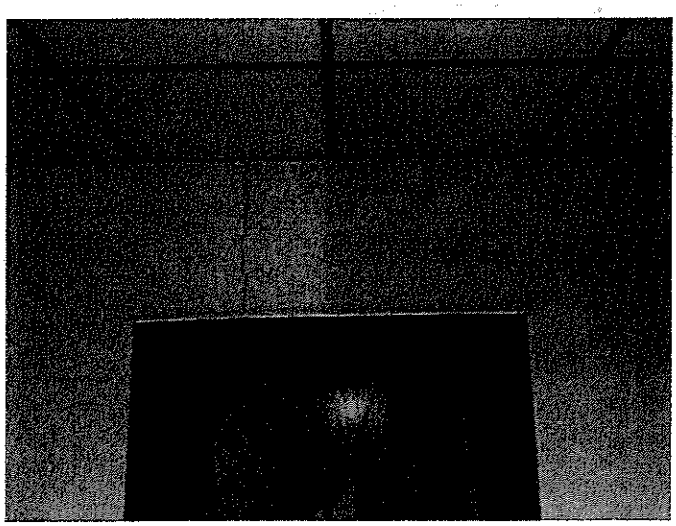
4.2 Interior

.1 Interior Structural Observations:

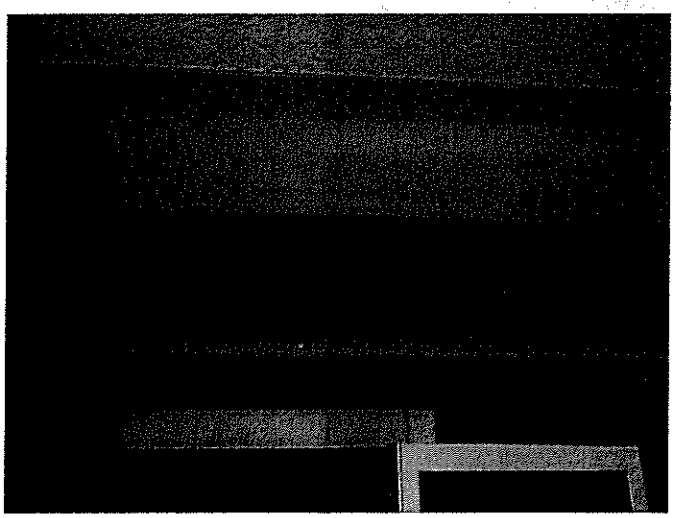
Generally, with a few exceptions, the building's roof and wall structure are not exposed to view due to interior and exterior finishes. Observations were limited to the condition of these finishes and a few locations where the structure was exposed to view or where viewed from isolated locations where ceiling tiles were removed.

.1 Cracks or wrinkled interior finishes were observed at the heads of the doorways leading from the main hall to the former classrooms at the Classroom Wing of the Original 1948 Building. While these do not appear to be bearing walls (roof is supported by beams and columns) it may be evidence of some minor foundation or slab movement. Additionally, this wall is directly below the clerestory and has been reported to be the location of ongoing roof leaks which should be addressed. Ceiling tiles were removed at a couple locations where we were able to see small (because of mechanical systems) portions of the wood roof framing. No significant structural deterioration was observed, however hidden conditions could exist. We did note that roof insulation had been removed at a few of these locations which due to heat loss may encourage additional snow melt and water infiltration.



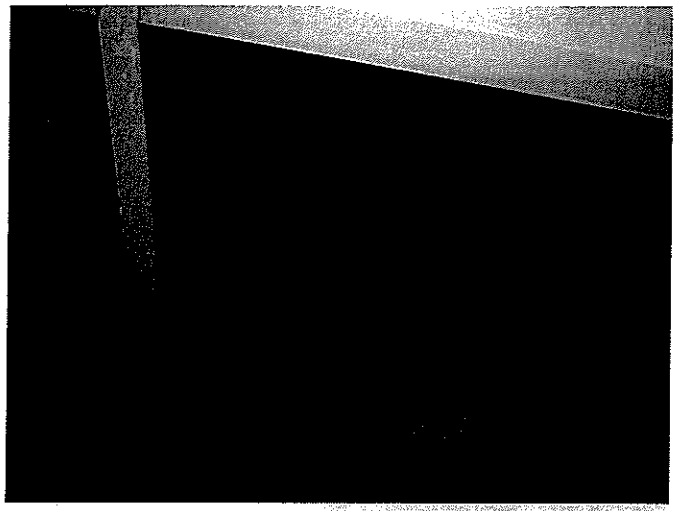


.3 Evidence of past roof leaks were observed in the ceiling of the 1954 Addition (Room 14) located at the west end of the Original 1948 Building. These were hard ceilings preventing observation of the roof structure. The roof structure in this location pitches back to and directs water and snow towards the Original Building Gable End Wall. We did not note signs of significant structural distress, but hidden conditions may occur. The leaks should be addressed, and the structure investigated during finish replacement.

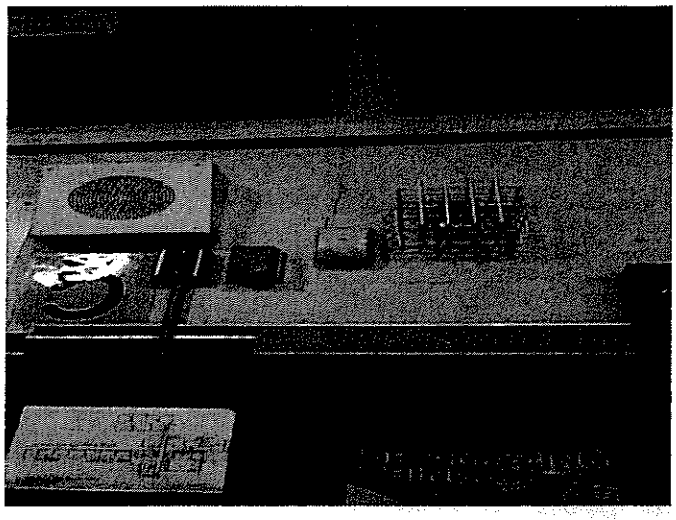


.4 Evidence of significant water infiltration is present in the Original 1948 Boiler Room Pit. Water was actively entering the building at the time of our visit, and the interior surface of the concrete masonry walls are starting to deteriorate. This is a location where exterior grade is above finished floor and where the previously noted pipe trench ends. This is not currently a significant structural concern but could become more concerning if the water infiltration is not addressed.

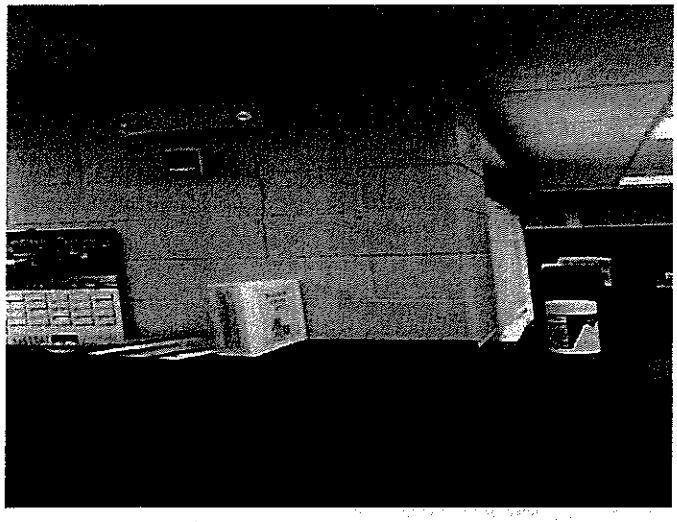
.5 It appears that modifications to the roof structure in the form of removed blocking and altered joist framing has occurred above the Server Room located at the east end of the Original 1948 Building. These modifications should be investigated further to ensure they have not weakened the roof structure.



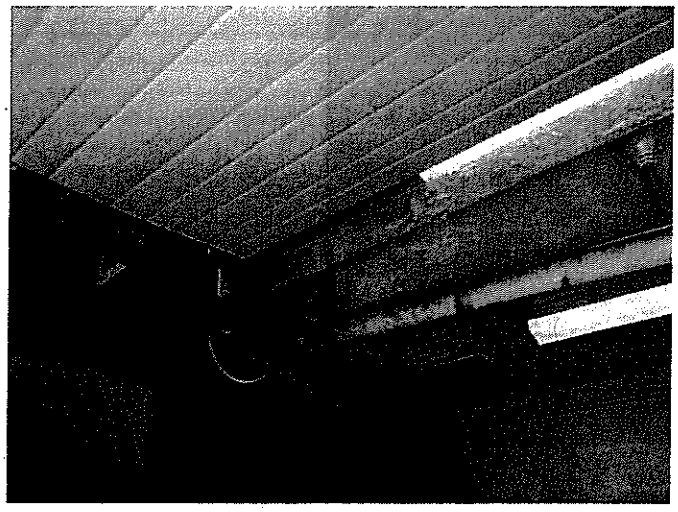
.6 A few vertical cracks were observed on the interior face of the concrete masonry walls of the 1954 Addition Gymnasium. Currently these do not appear to represent significant structural concerns and may be the result of the lack of control joints in these walls (common for this age of structure). These should be monitored and addressed if changes occur in the future.



.7 Two vertical cracks were observed in the concrete masonry wall at the joints between the 1954 Addition and the small 2006 Addition in Room 20. The 2006 Addition drawings call for this to be a soft joint (allowing movement) but it appears a fully mortared joint was installed. While unsightly this does not appear to represent a significant structural concern. Routing out of the mortar and installation of a soft joint would be a cosmetic option.



.8 Evidence (peeling paint and stains) of past roof leaks possibly from the adjacent roof drain were observed in the ceiling of the 1954 Addition Garage. The structure was not exposed to allow direct observations. Given the type of construction (wood joists and steel beams) and the fact that this location is directly adjacent to a higher roof (Gymnasium) with snow drift potential we suggest additional investigation (ceiling removal) of this area of roof to determine if any of the structural framing has deteriorated.



.9 A vertical crack is present in masonry wall at the southwest corner of the 1954 Addition Garage (Room 24A). Currently this does not appear to represent significant structural concerns and may be the result of potential foundation movement or differential movement between the buildings. This should be monitored and addressed if changes occur in the future.

5.1 Mechanical Systems

.1 Boiler System:

New fire tube, dual fuel fired, boilers were installed during the major renovation that took place in 2006. The two (2) boilers are:

.1 Burnham Commercial Model 4SW-100.

.2 Rated 70 BHP output, 21 GPH when fired with #2 Fuel oil, and 2929 MBH input when fired with gas.

.3 The boilers include Power Flame modulating burners rated for 2.5 to 21.0 GPH for #2 fuel oil and 428 to 2830 MBH for LP gas.

.4 The boilers presently fire on fuel oil stored in the 10,000 gallon storage tank installed in 2006 and located at the east side of the parking area east of the boiler room.

.5 New double wall boiler flues were installed at the time and extend directly through the roof of the boiler room. These appeared to be in good condition and there was no sign of roof leaks at this penetration.

.6 The boilers include a propane gas train, although this is not presently connected. This was and still is common in public schools to provide flexibility in fuel selection. If natural gas is extended to this area in the future, the boilers could be connected to that source. Or if emergency operation is required, the boilers could be provided with propane tanks as a back-up source.

.7 One (1) of the boilers was in an alarm during our visit, but this is expected to be just a simple maintenance item rather than a boiler issue.

.8 These boilers are approximately ten (10) years old and appear to be in excellent condition. Boilers of this style would be expected to have a useful life of thirty to forty (30 – 40) or more years.

.9 Maintenance records should be obtained from the school district. We would expect that combustion testing would have been completed annually by the district, but if not, we would recommend that combustion testing and adjustment be performed.

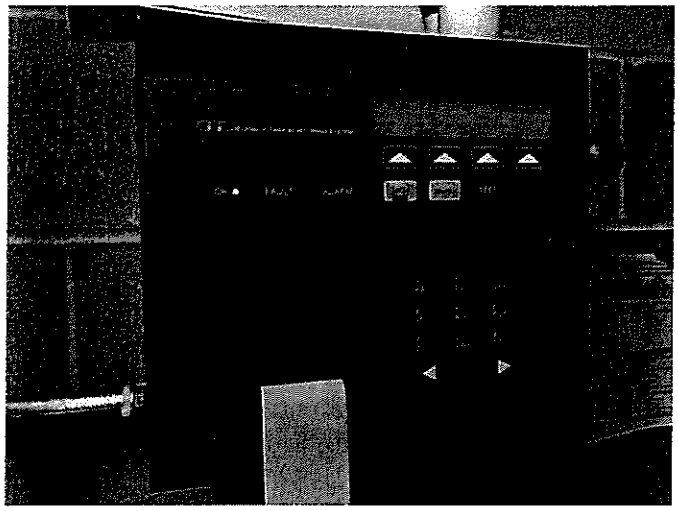
.2 Fuel Storage:

.1 A new 10,000 gallon, double wall storage tank was installed during the 2006 renovation.

.2 The system includes an Omntec leak detection system located in the Boiler Room. At the time of the inspection, the panel was indicating "normal" status.

.3 A Webster Duplex oil pump set draws oil from the tank, distributes to the two (2) boilers and returns the excess circulated oil back to the storage tank.

.4 Due to the age and limited visual observation of the system, we would not anticipate this fuel storage and delivery system to be a concern for the facility for many years.



.3 **Boiler Plant and System:**

.1 The boiler plant was replaced in its entirety in the 2006 renovation. This work generally included the boilers, new hot water pumps on variable frequency drives, expansion tanks and distribution piping. All of this appeared to be in good condition as would be expected based on a plant of this age.

.2 The hot water piping extended to all portions of the building and to all of the new terminal units throughout.

.4 **Building Management System (BMS):**

.1 A new BMS was installed during the 2006 renovation and is an Invensys system installed by Technical Building Services (TBS).

.2 As with the other systems associated with this renovation, this system is a good quality system, and should not be considered a maintenance concern.

.3 However, occupants indicated the system does not have any means of local control within the building. All interface into the system and control adjustments must be made from the head end equipment at the Bethlehem Central School District. This would obviously need to be corrected to provide local control.

.4 Based on discussions with TBS, this could include the connection of a local workstation Enterprise Network Server and then access through the internet. TBS felt this would be a relatively simple change to the system and was very willing to work with the occupants when the time came to make the required changes.

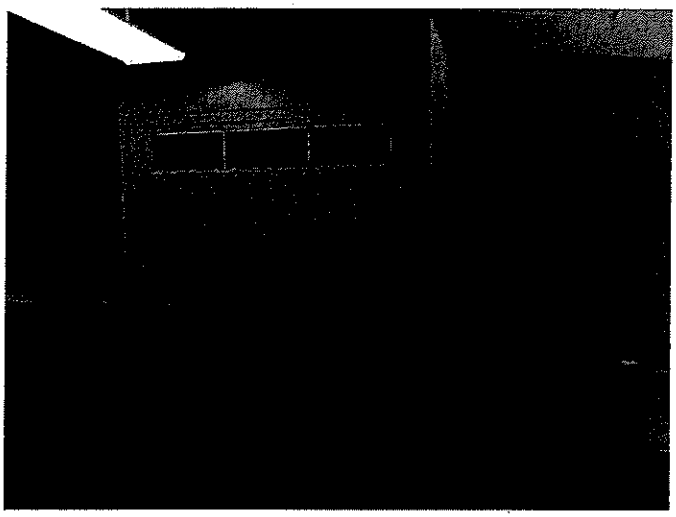
.5 TBS was also willing to perform owners training on the system and was interested in BMS and building maintenance if that was an opportunity.

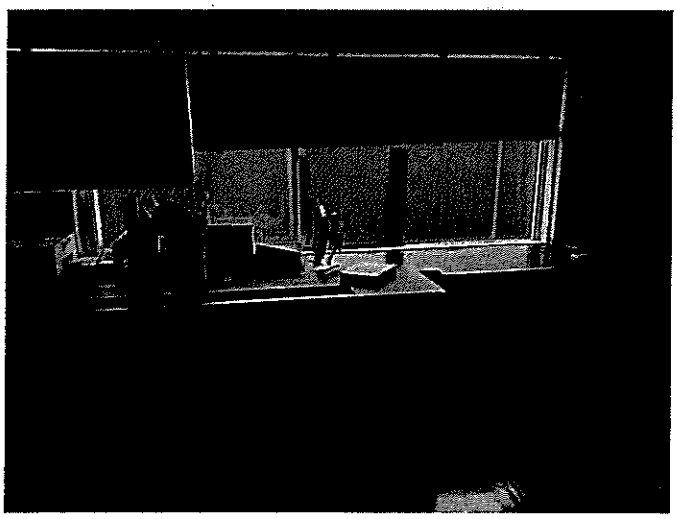
.6 Commissioning of a mechanical system is becoming a common function and is required for new buildings by the NYS Energy Code. Commissioning is a process that provides verification at a very detailed level, that the building controls are operating in a state of optimum efficiency. This testing is typically completed during BMS installation and most importantly immediately after the installation is complete. Retro-commissioning, is the process of repeating the commissioning process in an existing building to verify ongoing operating efficiency. This retro-commissioning effort may be applicable here now that the building systems have been in operation for the last ten (10) years.

.5 **Terminal Units:**

.1 As with the remainder of the systems, the Unit Ventilators in the classrooms were installed during the 2006 renovation and generally appear in good condition.

.2 However, unit ventilators are a very specific terminal unit designed for the very specific demands and layouts of a classroom space. Most of the 1948 wing is furnished with a vertical style unit located in the corner of the classroom as indicated in the left picture. The 1968 wing at the rear of the site uses the more common horizontal unit indicated to the right. These are reasonable units and provide reasonable heat and ventilation, but will not serve the spaces well if they are eventually separated into smaller spaces or offices.





.3 Unit ventilators that serve classroom type spaces required a very high volume of outdoor air ventilation compared with the outdoor air rates for office type occupancies. Once the particular occupancy is determined for each of the classrooms, the outdoor air rate should be determined and adjusted as an energy saving measure.

.4 The Cafetorium and Gymnasium were both provided with heating only roof top units and are served with hot water from the main boiler plant. These appear to be in good condition although, like the remainder of the building, these units do not presently include air conditioning.

.6 Air Conditioning:

.1 Presently the building includes window air conditioning units mounted in some of the former classrooms and two (2) split systems in the Administrative Office Area. There is no central air conditioning plant to serve the facility, and building occupants described challenges to keeping spaces adequately cooled. Consideration should be given to installation of a new building-wide air conditioning system to provide greater occupant comfort. Note that this installation would require an upgrade to the electrical distribution system, which is described in the Electrical Systems Section.

6.1 Electrical Systems

.1 Electric Service:

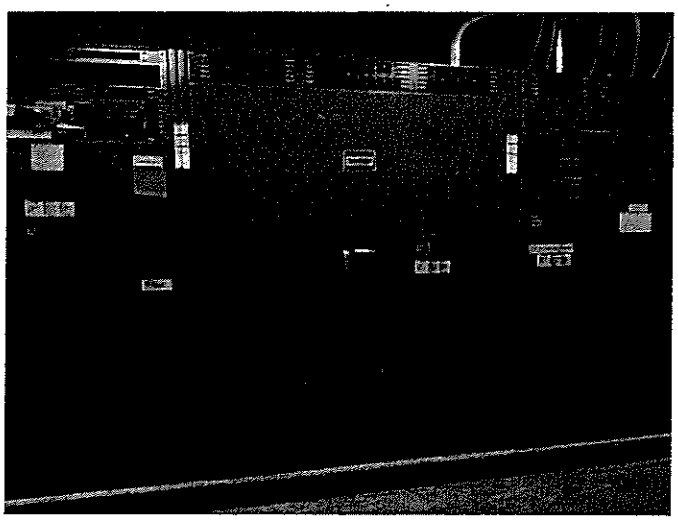
.1 During the renovation in 2006, a new electric service was extended to the building by the electric utility that includes three (3) 50 kVA pole mounted transformers located on the pole in front of the building on the far side of the street.

.2 The service conductors drop down the pole and extend below grade to the electric service room located west of the new boiler room.

.3 The service conduit enters a new switchboard that includes the following:
- .1 Section #1: 600A, 208v/3ph/4w fused disconnect switch
- .2 Section #2: Utility Metering section
- .3 Section #3: Circuit Breaker distribution section

.4 The original design drawings indicate a 400A disconnect, however, the system installed is rated at 600A. We were not able to open the gear to observe the fuses, but at some point that should be completed to verify the fuse sizes. The drawings also only indicate conductors suitable for 450A and that should be field verified as well. At this point, we assume this is 600A gear with only 400A fuses installed.

.5 The three (3) pole mounted transformers provide a rating of 150kVA which would be suitable to provide 420A of capacity.



.2 **Power Demand:**

.1 We received utility bills for June and July of 2017 to confirm the present utility usage. The bills indicate a peak demand over the past 12 months of approximately 72 kVA (58 kW) or approximately 50 percent of the transformer and gear rating. A normalization of the power demand results in a peak demand of just under 2 watts/ sf of floor area for the 35,000 sf facility.

.2 For a building with general office use, we would initially estimate the following types of power requirements:

.1 Based on normal office type occupancy, with standard workstation and lighting, and air conditioning, a very rough estimate of demand would be approximately 8w/sf. This would equate to a total building load of 350kVA. This is far above the capability of the existing systems.

.2 It seems unlikely that this building would ever be used with a standard office level occupancy especially in rooms such as the gymnasium and cafetorium. During the field inspection, it seemed as though many of the classrooms were anticipated for storage. If we make an assumption of 75 percent of a "normal" occupancy, this would be in the range of 250 kVA. This still well exceeds the capacity of the existing service.

.3 A normal office building HVAC system would account for approximately 5 w/sf of this total load. Since the majority of this building is not presently air conditioned, that would account for an estimated present demand at approximately 2.5w/sf. This may be comparable to the present demand and serves to rationalize the present demand.

.3 We are concerned that, although the power usage of the facility is presently well within capacity of the system, as the building continues to increase in occupancy and air conditioning is added through the building, the electrical distribution will not be suitable for the increased demands on the system.

.3 **Distribution:**

.1 Most of the distribution power panels were replaced during the 2006 renovation and these are all in good condition.

.2 However, there are approximately ten (10) panels that were not replaced during that renovation scattered throughout the facility and most of these appeared to be original from whichever era of building they reside. All of these remaining existing panels are too old to be considered reliable for extended continued use and they should all be replaced. This could take place either as an electrical upgrade, or could be done during planned interior renovations.

.3 Since the rooms in the 2006 renovation were intended as elementary classrooms, there is limited power distribution in each space. Depending on the proposed use of the spaces, significant increases in receptacle power distribution may be required. This will likely involve additional power panels as well to handle the increased number of required circuits.

.4 **Emergency Generator:**

.1 The Sherriff's Department recently installed a 125 kVA Generac diesel generator located outside just to the east of the new boiler room. The generator includes an integral diesel base tank for fuel storage.

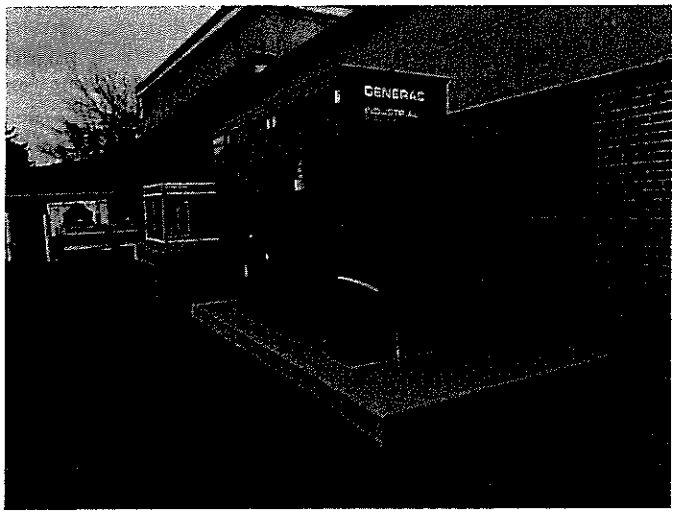
.2 The emergency feeder from the generator enters the wall of the boiler room above grade, passes through the boiler room to the electric service room and then out to the outdoor automatic transfer switch.

.3 The automatic transfer switch is located outside on the north wall of the electric room. This device continuously monitors the condition of the "normal" power supply and on failure of that system, starts and then transfers the building load to the generator. It appears the main service conductors in the normal power 600A gear exit the building, pass through the ATS, and then re-feed the existing switchgear with normal power.

.4 The building staff indicated that the generator has been called on and has successfully operated the building in the past during power failures.

.5 As indicated in the narrative above, the peak building demand over the past 12 months was 72 kVA, so there is a level of comfort that the generator has the capacity to operate the building in its present condition. As the building occupancy increases, and air conditioning is added, the generator will likely be undersized similar to the remainder of the existing electrical service.

.6 It is certainly feasible to have a generator power only selected loads in the building. For example, in this climate, general comfort air conditioning which is a large demand, is often not powered by the generator. Conversely, building heating is a relatively minor power demand and would be important in this climate.



.5 **Fire Alarm:**

.1 In 2006 a new EST Fire Alarm system was installed and includes a zoned fire alarm panel, automatic and manual initiation, and horn / strobe annunciation.

.1 The automatic detection includes partial smoke detection coverage in the corridors, Cafetorium, storage type rooms, and air handling systems. Notably, there is no smoke detection coverage in the former classrooms. Consideration should be given to installation of smoke detectors in the former classrooms in order to provide timely notification of fire conditions in spaces that may be unoccupied. It appears that the current fire alarm system will support this expansion, with the limitations further described below.

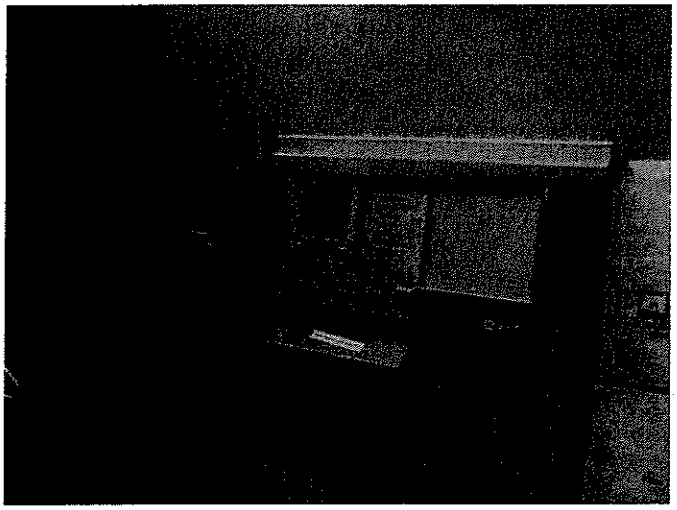
.2 There are manual pull stations throughout at each building exit. Since each classroom included a door to the exterior, each of those doors includes a pull station.

.3 There is horn / strobe coverage throughout the building.

.2 We understand the fire alarm system has historically had ongoing issues with intermittent wiring faults. This is apparently still unresolved. This type of intermittent fault is often very difficult to find and may be caused by a wire with a small nick in the insulation, or a wire that occasionally gets wet, or a similar type of intermittent issue that is difficult to track.

.3 The "zone" style system is a bit of an outdated and limited system and really was even outdated in 2006 when it was installed. In this type of system, the fire alarm panel would only be able to locate a fire in very general terms such as the "1948 wing" and would not be able to provide more precise direction to a responding fire department. An "addressable" system is able to determine an exact head that has been initiated and can report that precise location to the first responders.

.4 Due to the limited coverage of the smoke detectors, the "zone" style fire alarm, the ongoing wiring issues, the un-sprinklered building, and the nature of the occupancy, we may recommend an upgrade to the fire alarm system. Consideration should be given to installation of an "addressable" style system, with additional smoke detection coverage in each of the former classrooms. This upgrade, however, is a recommendation and would not be code required even for new construction of this building.



7.1 Plumbing Systems

.1 Domestic Water:

.1 The 2006 drawings indicate a new 4 inch water main extended from the southeast corner of the school building around to the east of the new addition and into the boiler room.

.2 The water main rises through the floor of the boiler room and includes a strainer, water meter, double check backflow preventer and a pressure regulating valve. On the day of the inspection, the upstream pressure was approximately 80 psi and the downstream pressure was approximately 75 psi. These are reasonable pressures for the system.

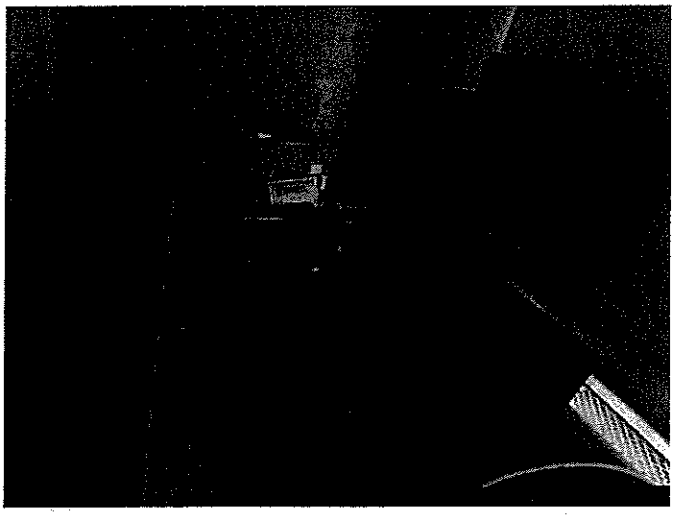
.2 Domestic Hot Water:

.1 A new PVI, gas fired, domestic water heater was installed in the 2006 renovation. This is considered to be a very high quality heater and it appeared to be in very good condition.

.2 The heater is fired from two (2) 500# propane tanks located outside on the east wall of the boiler room. These tanks provide propane for the water heater and also provide initial firing for the fuel oil boilers. These tanks are not large enough to provide operation of the boilers as described in the mechanical section of the report.

.3 **Toilet Rooms and Classrooms:**

.1 The 2006 renovation added sinks to each of the six classrooms in the original 1948 building. These sinks are somewhat awkward units mounted on top of the perimeter shelving. The new drainage piping installed during the renovation is installed in a trench below the run of classrooms and eventually discharges into a pump located in the depressed slab that housed the very original boiler plant. The sinks served a purpose in the elementary school, but are less useful in an office environment. The pump could also be prone to failure.



.2 The 1968 wing includes a private toilet room in each of the classrooms. Again, this was suitable for the original purpose, but may no longer be useful. We understand there may be locker rooms anticipated in this wing and this below grade plumbing is suitable for re-use for that purpose. Or the toilet rooms appear to be in suitable condition to remain in use if that suits the space program.

.4 Sewage Pump

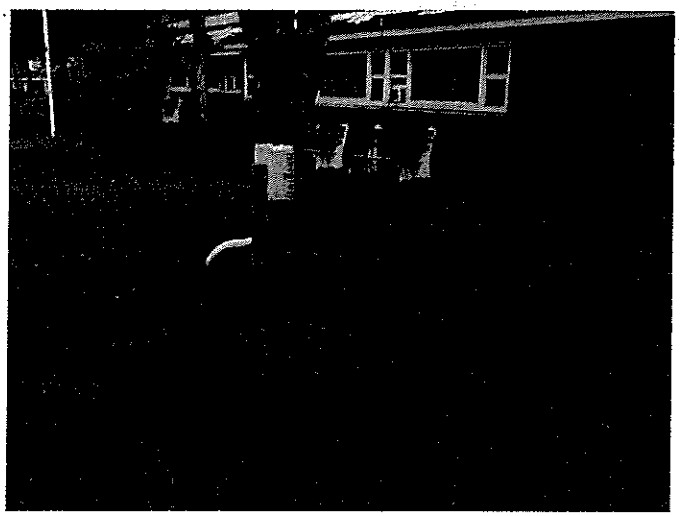
.1 Just to the west of the main entrance there is a below grade manhole with what appears to be an above grade pump controller and alarm light. Inside the building adjacent to this location is a Weil Pump Submersible Sewage Ejector control panel and we assume this in controlling the duplex pump set in the manhole.

.2 The ejector is not addressed in the 2006 renovation so it is not clear when it was installed.

.3 It appears this ejector manhole collects the sewage drain from each of the buildings:
- .1 There is a drain indicated at the east end of the 1948 building that exits the south (front) face of the building near the manhole.
- .2 The drain from the 1968 addition appears to exit the east side of that addition and then passes under the 2006 addition.
- .3 The 2006 addition appears to connect to the drain from the 1968 addition.

.4 It appears the pumped discharge is directed to the existing septic field adjacent to Olive Street.

.5 This system serves the entire building so it serves a critical function and we are not able to verify its capacity or condition. The occupants did not report any issues with the system. At this point, we recommend further investigation into the operation of this system.



8.1 Fire Protection Systems

.1 The building does not presently include a fire sprinkler system. The 4 inch new water main installed in 2006 may have suitable capacity for sprinklers although a 6 inch main is the far more common size.

.2 The overall building as a Business type occupancy, may not require a fire sprinkler system by code although further analysis would be required for a precise determination.

.3 However, the gymnasium and the Cafetorium would be classified as an Assembly space by the present code. For this assembly occupancy the code requires that "An automatic sprinkler system shall be provided throughout buildings and portions thereof used as an assembly occupancy".

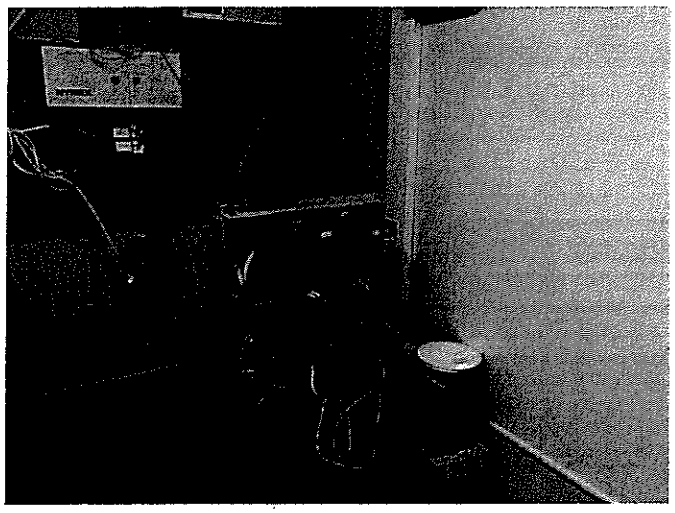
9.1 Telecommunications system:

.1 Communications:

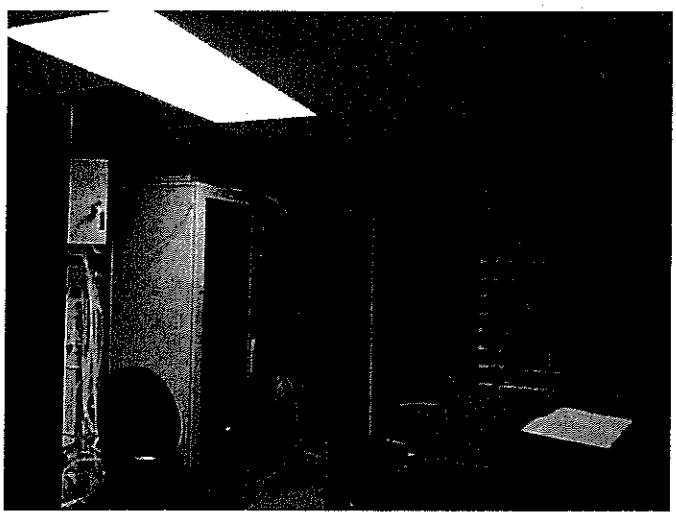
.1 Almost the entire telecommunication systems in use at the present time is the property of the Sheriff's Department. Based on that, we did not thoroughly review all aspects of this system since the Department is aware of their own systems capabilities.

.2 There are two (2) independent telecommunication entrances:

.1 One is located at the far west end of the original 1948 building, Room 15, that appears to include a new fiber optic entrance (possibly redundant fiber entrances) server, half rack of data cable distribution, and UPS back-up. This entrance serves the town court.



.2 The main telecommunications room 24B is located in a room opposite the entrance to the Gymnasium. This room also includes the radio communications equipment and antennae cabling for the antennas attached to the gymnasium roof.



.3 The main telecommunications room is not presently air conditioned and there appears to be a significant level of equipment in this room. We would recommend the addition of a dedicated air conditioning system to this room.

.4 In the 2006 renovation, the drawings indicate that the existing communication entrance cables in Room 24B were to remain and be re-used. At this time, it could not be determined if those cables are still in use today, or if they have been replaced. It is assumed they have been replaced with new fiber if they are that old.

10.1 Security

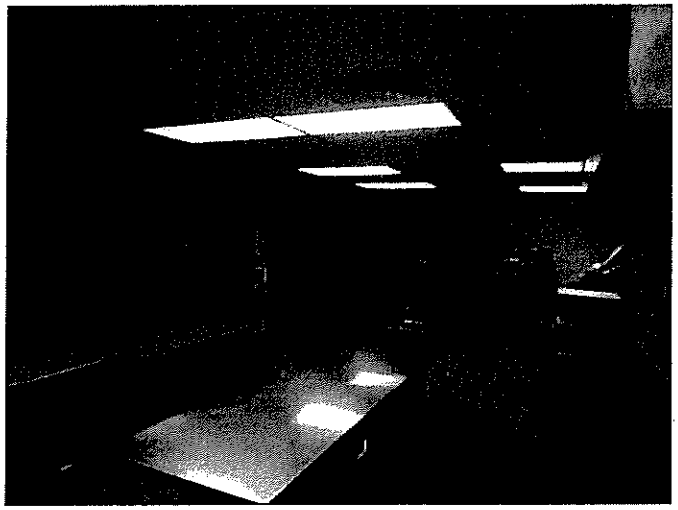
.1 Controlling and monitoring access to the Sheriff's patrol space by the general public when court is in session is a regular concern. This is currently accomplished by physically constructed barriers and video monitoring. Maintenance of this control must be considered with renovations to any areas separating the uses.

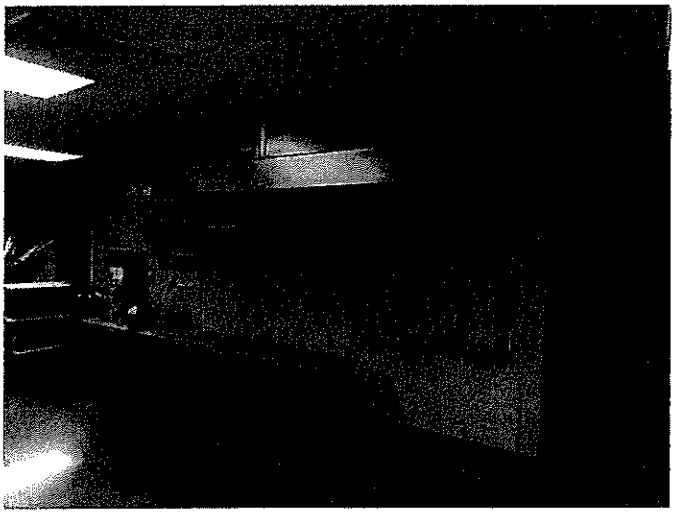
.2 Building occupants described issues with gaps in security camera coverage, and that plans were in place to increase the quantity of cameras to expand video coverage to the uncovered areas.

.3 Further analysis of security systems should be undertaken as a part of programming of future renovations of the Sheriff patrol occupied portions of the building.

11.1 Equipment Conditions

Cooking and dishwashing equipment and a wash sink were removed from the building by the School District when school operations ceased in 2012. The existing cooking hood and roof exhausts for the cooking hood and dishwasher remain in place. To restore full kitchen functionality new kitchen equipment and a sink must be purchased and installed, and the hood and exhaust fans should be tested to ensure functionality.





12.1 Furniture Condition

Spaces have primarily been furnished using existing furniture brought to the site by the Sheriff's Office. No obvious deficiencies in the existing furniture were noted, and building occupants did not identify any issues related to the current furniture.

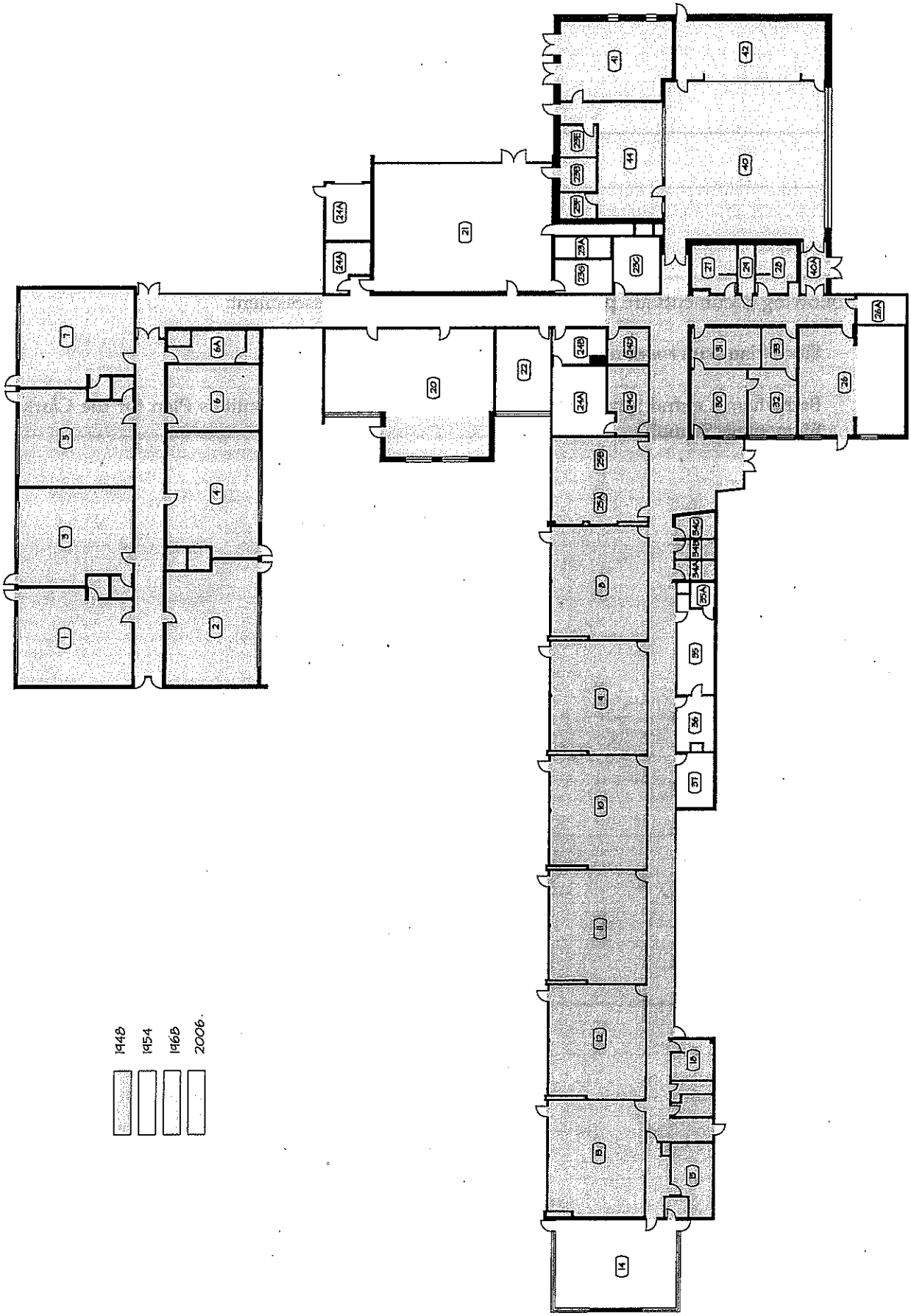
If renovations are pursued with the building, the suitability of the existing furniture to new space configurations should be evaluated to determine if new furnishings are required.

13.1 Documents

The following documents are provided as references for the Assessment:

.1 Floor Plan with room numbers and dates of construction

.2 Bethlehem Central School District 2015 Five-Year Capital Facilities Plan for the Clarksville Elementary School


1948
1954
1968
2006

BETHLEHEM
CENTRAL SCHOOL DISTRICT

2015
FIVE-YEAR CAPITAL FACILITIES PLAN

December 17, 2015

General Condition and Goals- Clarksville Elementary School
The Clarksville Elementary School, located on Verda Lane in Clarksville, NY, is currently occupied by the Albany County Sheriff's Uniform Patrol Division with a portion of the building utilized for District storage. Originally constructed in 1948, with additions in 1954, 1968 and 2006, the 35,406 (gross) square foot facility was closed for school following the 2010-2011 school year. The facility incorporates a playground on site and was listed on the U.S. National Register of Historic Places in 2008. The building's last capital improvement project was in 2014 with several areas of roofing replacement and structural reinforcement. In general, the overall condition of this facility is good.

The goals for this facility focus on the following:

- Select window replacement, roof replacement at the 1948 wing, and select exterior steel refinishing.
- Exterior sealant remediation and replacement.

General Condition and Goals- Eagle Elementary School
Eagle Elementary School is a pre-kindergarten through fifth grade elementary school, located across from the High School on Van Dyke Road in Delmar, NY. The 60,375 (gross) square foot facility currently accommodates 417 students. The building was originally constructed in 2008 with the last capital improvement project occurring in 2014 with site, technology and electrical upgrades. The facility incorporates play fields to the northwest and a playground on site. In general, the overall condition of this facility is good.

The goals for this facility focus on the following:

- Site modifications related to additional parking, curb reconstruction, play area drainage and playground equipment and modifications.
- Modifications to the existing Cafeteria for egress.
- Addition of water overflow protection at the Gym roof.
- Provide security cameras.
- Technology upgrades related to CISCO VoIP telephone replacement, digital signage, and Wide Area Network between schools.

District's Rationale for Priority Ranking
The Bethlehem Central School District takes pride in its facilities. This pride is reflected in the maintenance of these facilities and the capital improvements made in the recent past. Many of the District buildings' major infrastructure systems have been replaced or substantially upgraded. The capital improvement project items included in this five year plan are predominantly localized items that were not able to be included in previous projects due to financing limitations.

The following priorities have been established to estimate project costs over the next 5+ years:

- **High Priority:** Items recommended to be addressed within 1-2 years.
- **Medium Priority:** Items recommended to be addressed within 3-4 years.
- **Low Priority:** Items recommended to be addressed within 5 years or more.

Additionally, items were further prioritized based on the following categories provided by the District:

- **District Category 1: Envelope/Roof/Masonry**
  The maintenance and preservation of existing building exterior envelopes.

- **District Category 2: Structural**
  The maintenance and preservation of existing building structural systems.

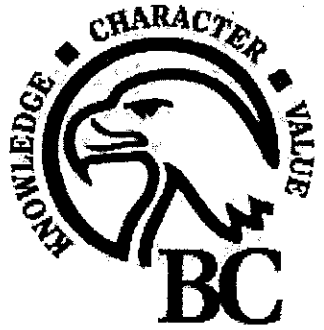
- **District Category 3: Health & Safety**
  Priority for any identified code or life safety item.

- **District Category 4: Site**
  The maintenance and upgrades required for any site related elements.

- **District Category 5: Mechanical/Electrical/Plumbing**
  The maintenance and upgrades required for any mechanical, electrical, plumbing, or fire protection systems.

- **District Category 6: Cosmetic**
  The preservation of existing interior systems and materials. Aesthetic issues and upgrades affecting the overall quality and usefulness of program and community space.

District Capital Phasing Goals
The Bethlehem Central School District will use this report to consider future capital improvement projects, their likely timeframe, and their impact on financing alternatives.



Project Prioritization

ASHLEY MCGRAW

Five Year Capital Facilities Plan

District-Wide Estimated Expenses Summary

Building	Estimated Project Cost HIGH PRIORITY Years 1-2	Estimated Project Cost MEDIUM PRIORITY Years 3-4	Estimated Project Cost LOW PRIORITY Years 5 - or more
High School	$ 19,051,104	$ 5,050,500	$ 19,562,039
Middle School	$ 9,036,969	$ 5,795,005	$ 1,823,648
Clarksville Elementary School	$ 500,523	$ 542,369	$ 1,071,069
Eagle Elementary School	$ 546,649	$ 198,447	$ 259,325
Elsmere Elementary School	$ 5,503,950	$ 897,399	$ 1,137,934
Glenmont Elementary School	$ 2,826,540	$ 1,911,115	$ 123,179
Hamagrael Elementary School	$ 1,916,105	$ 2,266,010	$ 151,800
Slingerlands Elementary School	$ 3,174,192	$ 1,907,838	$ 47,833
O&M Building	$ 231,587	$ 47,596	$ 216,538
Transportation Building	$ 1,509,243	$ 464,029	$ 41,682
Bus Wash	$ 31,388	$ 127,480	$ 17,220
Totals	**$ 44,328,250**	**$ 19,207,787**	**$ 24,452,267**

These estimates are probable in nature and should be used for budget planning purposes only.

Design & Construction Contingencies

10% Design phase
5% Escalation
10% Construction Phase

Project incidental or soft costs are typically 20% of the overall project cost leaving 80% available for construction. Items typically include: Architectural / Engineering Professional Services, Construction Management or Clerk of the Works, soil testing, surveys, other tests, air monitoring, FFE (furniture, fixtures, & equipment), legal fees, insurances, printing and reproduction expenses, other items, and financing costs inclusive of bonding.

District-Wide Analysis and Prioritization

ASHLEY MCGRAW

Clarksville Elementary School

Topic	Existing Conditions	Recommended work	BCS #	Health & Safety	Priority L, M, H	District Category (1-6)	Estimated Project Cost
SITE							
S-1 Pavement	Front parking area pavement in generally good condition but does need some repair/maintenance	Asphalt pavement improvements (seal cracks and seal coat, minor patching)	53	☐	L	4	$ 25,300
S-2 Pavement Restriping	District requests restriping of pavement at all buildings including parking lines, arrows, labels, etc.	Restripe pavement at all locations. Price does not include seal coat prior to restriping	53	☐	M	4	$ 6,325
S-3 Sidewalk	Portion of front (west end) concrete sidewalk cracking and heaving, general deterioration	Replace section of 8ft wide concrete sidewalk. Assume 1,000sf	54	☐	M	4	$ 22,138
S-4 Playgrounds	Wood play structures and picnic tables dated/cracked. No ADA access route. Existing backstops in need of repair or replacement	Playground (maintained by District). Replace playground equipment (wood elements) with smaller playground area, no picnic area provided. Improve overall drainage. Remove unused backstops.	55	☑	M	3	$ 118,594

District-Wide Analysis and Prioritization

ASHLEY MCGRAW

Clarksville Elementary School

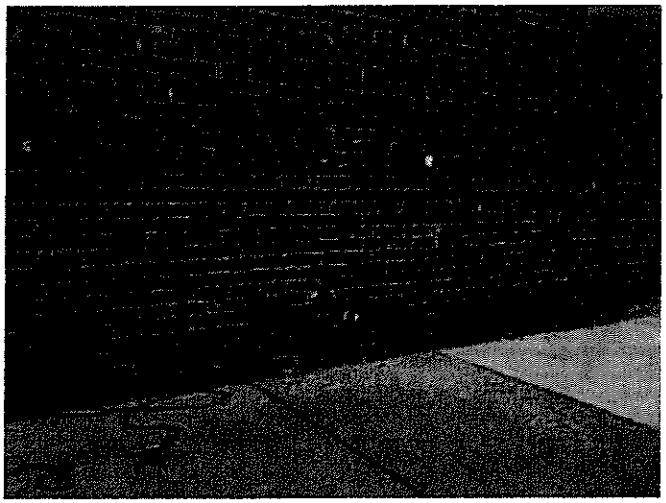
Topic	Existing Conditions	Recommended work	BCS #	Health & Safety	Priority L, M, H	District Category (1-6)	Estimated Project Cost
ARCHITECTURAL							
A-1 Miscellaneous Abatement	The current Asbestos Management Plan indicates that there are some areas of asbestos containing materials including soffit/ceiling materials, caulk abatement and plaster removals.	District may not continue abatement at this building since much of the abatement has already been completed - Remove and replace remaining asbestos containing material as it is encountered in areas of the renovation. Additional testing will be required to better define the scope of the budget.	-	☑	L	3	$ 679,128
A-2 Masonry Restoration	Masonry and exterior wall issues observed throughout building. Bricks & Joints along the bottom of the walls where the sidewalk/pavement abuts the building are deteriorating due to the use of high concentrations of salt.	Masonry/brick repair/replacement around building.	61	☐	M	6	$ 118,594
A-3 Pre-Cast Concrete Sills	Sills at the 1948 wing are spalling and have exposed rebar	Replace Pre-Cast Concrete Sills at the 1948 wing	61	☐	H	1	$ 79,063
A-4 Exterior Doors	Exterior Hollow Metal Doors are deteriorating & rusting due to water damage	Replace all classroom exit exterior doors	64	☐	M	1	$ 79,063
A-5 Window Replacement	Windows are deteriorating at Room 14	Replace Room 14 Deteriorated Windows at end of the building	67	☐	H	1	$ 2,435
A-6 Roof	There are ponding issues at the 1948 wing portion of the building; Bubbling was reported and has delaminated the membrane from the insulation	Replace roof at 1948 wing	68	☐	H	1	$ 379,500
A-7 Roof Drain	Roof drains are functional but require cleaning at 1968 Addition and 1954 Corridor	Roof drain to be cleaned by District.	68	☐	H	1	$ -
A-8 Refinishing Steel	Steel Framework at the 1948 wing requires refinishing; The ladder to the gym roof requires refinishing or replacement	Refinish steel framework at select locations around building; Where steel is severely corroded, remove and replace.	-	☐	H	1	$ 37,950
A-9 Concrete Pads at exterior doors	Concrete pads have tilted into the building at the original building	Reset existing exterior concrete pads at exterior doors.	-	☐	M	4	$ 197,656

Clarksville Elementary School

Topic	Existing Conditions	Recommended work	BCS #	Health & Safety	Priority L, M, H	District Category (1-6)	Estimated Project Cost
A-10 Sealant Abatement	Existing Sealant around building may be asbestos containing material.	Test and replace asbestos containing sealant around building. 12 Linear Feet grey caulk noted at exterior doors and fixtures in 6 Month Surveillance Plan at E/W Corridor, Tractor Storage OH Door, Gymnasium, Faculty Women's room vent fan, Conference Room, Room 30 (changed to 8), School Storage Rm 10, Room 11, Room 12, Storage Room, and Music Room 14. Assume ACM; Remove and replace sealant.	-	☐	H	3	$ 1,575
A-11 VAT Flooring Abatement & Replacement	Majority of Rooms have VAT tile (Select Areas in the original building, 1968 Addition, All Corridors, 1954 Addition)	Remove VAT and replace with VCT/BioBased Tile (12000 SF)	72	☑	L	3	$ 288,875
A-12 Ceiling Replacement	Water Damage Sagging APC Tile/Grid Rusting @ Ceiling Grid (North end of original Building)	Repair/Replace damaged ceiling (500 SF)	75	☑	L	6	$ 3,953
A-13 Interior Doors	Corridor Doors to the addition function but are showing wear.	Replace all corridor doors at addition.	77	☑	L	6	$ 2,657
A-14 Accessible Toilet Rooms	Existing Toilet Rooms in Original Building (24D & 24C) are not handicapped accessible and should be addressed	Renovate the existing toilet rooms to make them handicap accessible.	-	☑	L	3	$ 71,156
PLUMBING							
MECHANICAL (HVAC)							
ELECTRICAL							

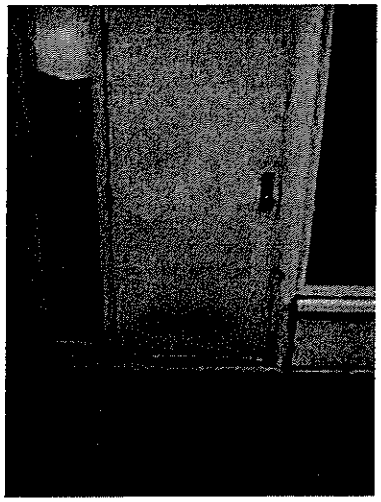
High Priority	$ 500,523
Medium Priority	$ 542,369
Low Priority	$ 1,071,069
Subtotal L, M, H	$ 2,113,960
Subtotal Unallocated	$ -
Total	$ 2,113,960

Photos

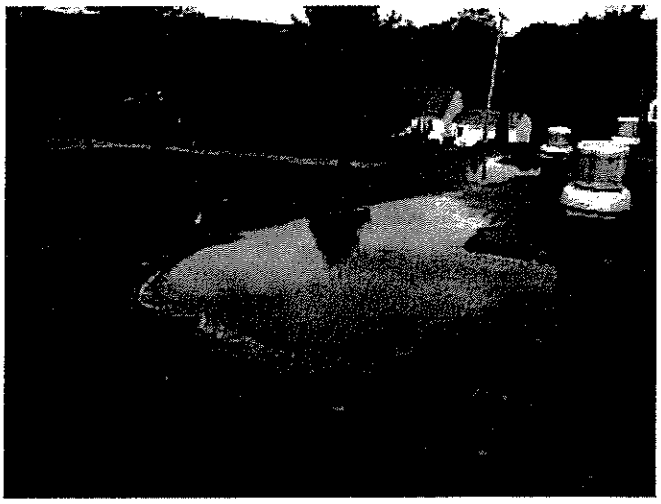


A-2 MASONRY RESTORATION

A-3 PRE-CAST CONCRETE SILLS

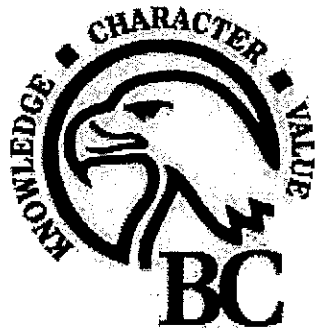


A-4 EXTERIOR DOORS

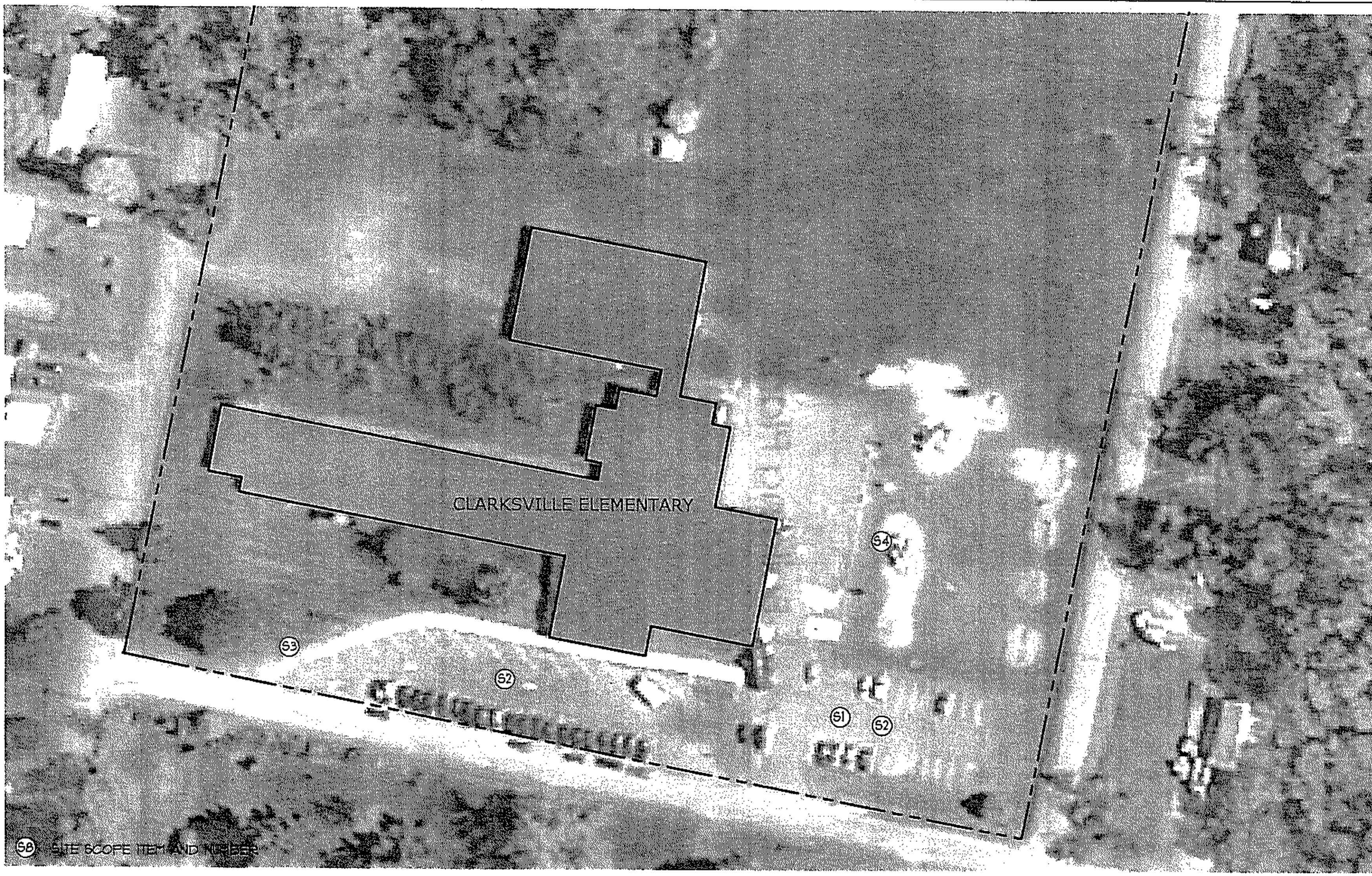


A-6 ROOF

A-9 STONE PADS AT EXTERIOR DOORS



Building Plans



ASHLEY MCGRAW

appel osborne
landscape architecture

PROJECT:
BETHLEHEM CENTRAL SCHOOL DISTRICT
FIVE YEAR PLAN
CLARKSVILLE ELEMENTARY SCHOOL
58 VERDA LANE CLARKSVILLE, NY 12041

AM JOB NO. 1257.03

DATE: 09/10/15
REV. 12/10/15

CLARKSVILLE ELEMENTARY SCHOOL

Bethlehem CSD - Five Year Plan

CLARKSVILLE ELEMENTARY

NORTH

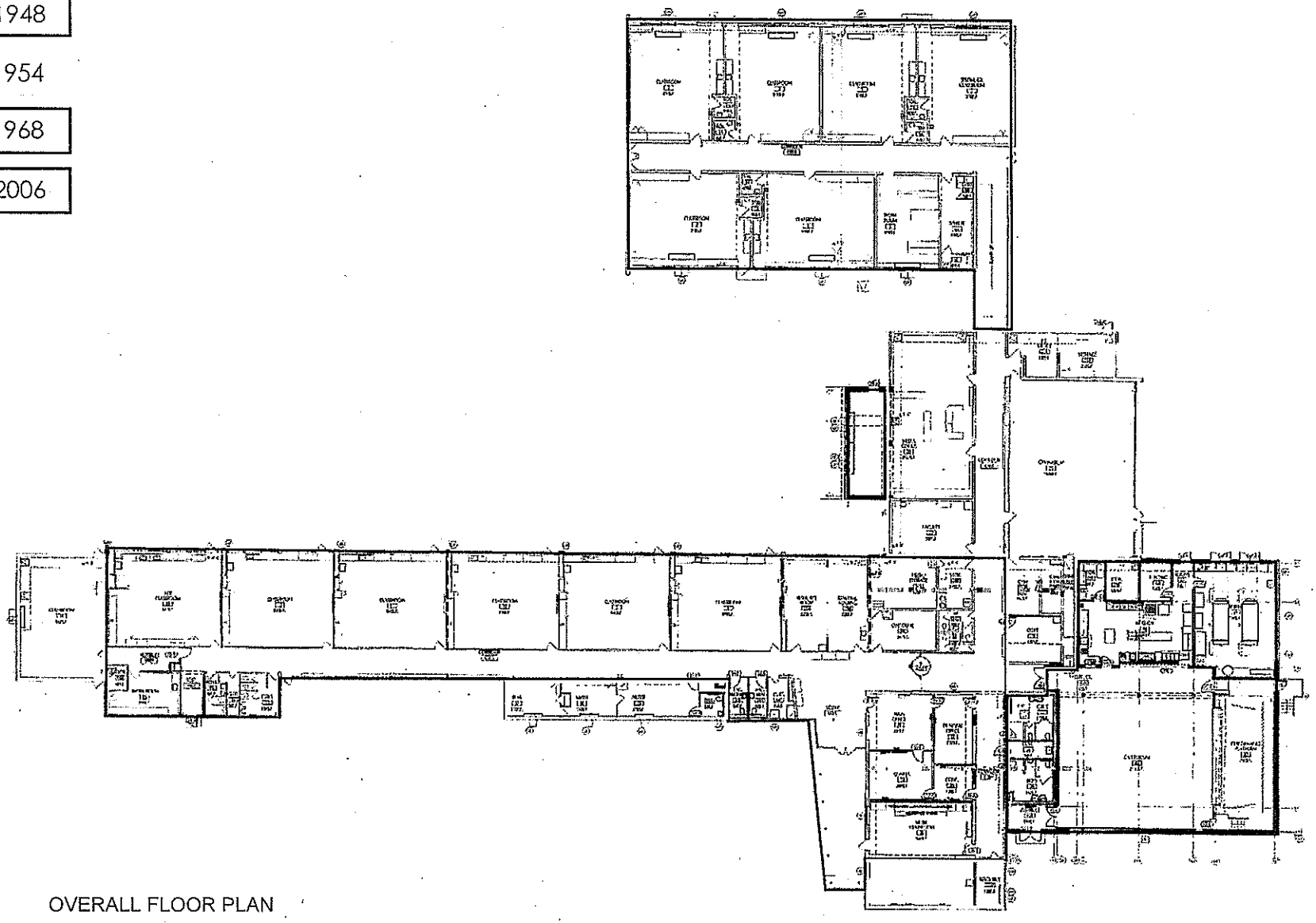
0 30 60 120
SCALE IN FEET

1948

1954

1968

2006



OVERALL FLOOR PLAN

ASHLEY McGRAW

BETHLEHEM CENTRAL SCHOOL DISTRICT

FIVE YEAR PLAN

CLARKSVILLE ELEMENTARY SCHOOL

59 VERDA AVE CLARKSVILLE, NY 12041

PROJECT:

AM JOB NO. 1257.03

DATE: 12/10/15

CLARKSVILLE ELEMENTARY SCHOOL

Terracon GeoReport

Geotechnical Engineering Report

Vehicle Warehouse
Clarksville, New York
August 2, 2019
Terracon Project No. JB195182

Prepared for:
SEI Design Group
Albany, New York

Prepared by:
Terracon Consultants-NY, Inc
Dba Dente Group
Watervliet, New York

New County Public Safety Facility

Client
Saratoga County
Public Works
County of Saratoga, NY

Size
64,000 sq.ft.

Contact
Richard Castle
Undersheriff
(518) 885-2497

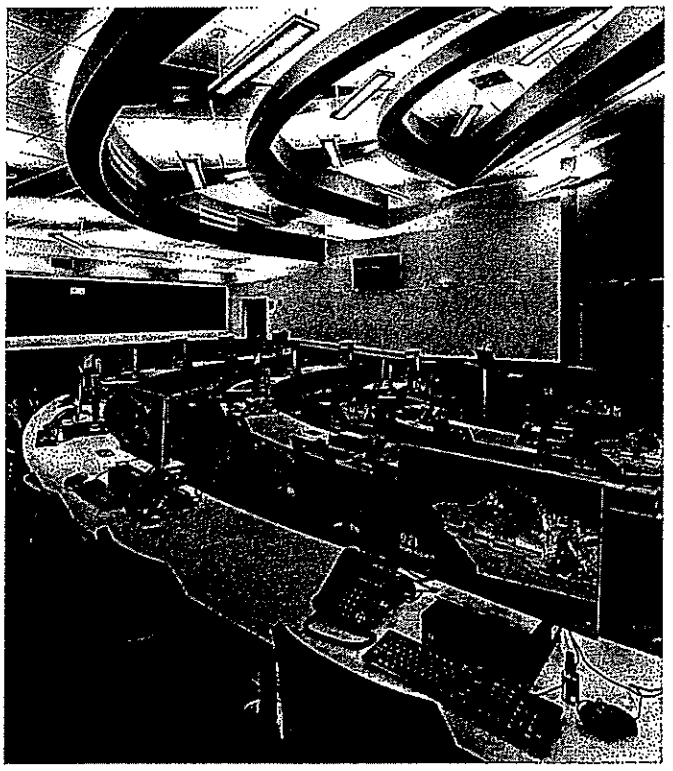
Construction Cost
$26 million

Completion
2020

SERVICES PROVIDED

- Site Evaluation
- Schematic Design
- Programming All Users
- Budgeting
- Construction Administration
- Geotechnical
- Phase 1A and 1B Cultural Field Reconnaissance
- Design Development

Critical essential service facility combining County Emergency Services, Emergency Operations Center, 911 Call Center, Sheriff, Public Health, and Probation Departments under one roof for efficiencies in space, coordination, communication, emergency power, community training and outreach.



The Saratoga County Sheriff's Department, Office of Emergency Services, and the County Health Department share similar missions and work hand-in-hand during emergency situations. Their co-location near the existing communications tower on County-owned land is intentional. The addition of the probation Department to the facility helps emphasize the aspect of Probation as a public safety function, related to law enforcement, and encourages communication with the Sheriff's Department.

Placement on the County owned site allows for future growth and provides the County of Saratoga with a central location for all of its emergency response needs.

The need for larger meeting rooms for each use was reduced by incorporating shared conference, meeting, and support rooms. The design is a single-story solution, and layout within each department allows for future growth. The main lobby connects the entrance to each department through waiting areas.

New Fire Headquarters

Client
City of Lethbridge
Lethbridge, AB

Size
39,000 sq.ft.

Contact
Richard Hildebrand,
Fire Chief
403-393-8006

Construction Cost
$10 million

Completion
2011

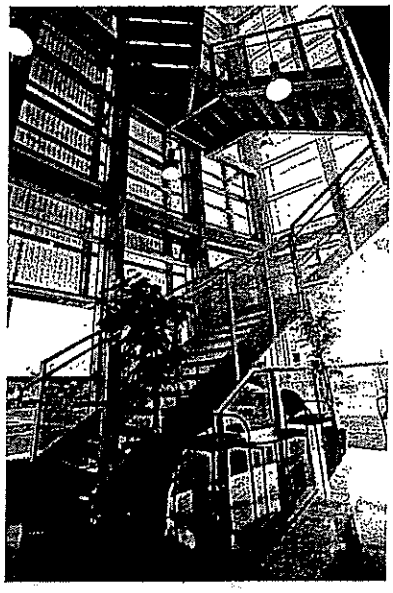
SERVICES PROVIDED

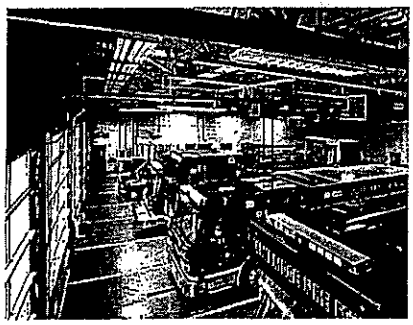
- Feasibility Study and Site Selection
- Schematic Design Construction Administration Design and Programming Budgeting
- Detailed PSAP Equipment Specification and Bidding

Award Winner
Fire Chief Gold Award
2012

The City of Lethbridge wanted to combine its very busy Fire Department with the Regional EOC, 911 call answering point, city-wide IT center, fire marshall fire headquarters, and city fitness facility in one location.

Pacheco Ross Architects (PRA), a division of H2M, teamed with prominent local architect Ferrari Westwood Babits Architects and local consulting engineers to create the strongest possible design team to solve numerous challenges that came along with the integration of city departments. Designed as Green Globes Sustainable, an emphasis was placed on energy efficiency, daylighting, selecting sustainable materials, and regional sourcing. Fully sprinklered, the facility is 48% more energy efficient than required and incorporates lighting management, LED lighting, vehicle exhaust, individual zone controls, air quality monitoring, HVAC management, electronic auditable occupant access station alerting, in-floor radiant heating with high-efficiency tankless boilers for bays, and building-wide on-site emergency power. The facility was designed on a small downtown corner that defines entrance to the City Center. It was designed to maximize safe response and protect entry and balcony from unusually strong prevailing winds. PRA worked closely with the City and local businesses to maintain proper response, pedestrian walkways, parking, streetscape, and view corridors.





New Fire Station

Client
Fort Washington Fire Company
Fort Washington, PA

Size
20,170 sq.ft.

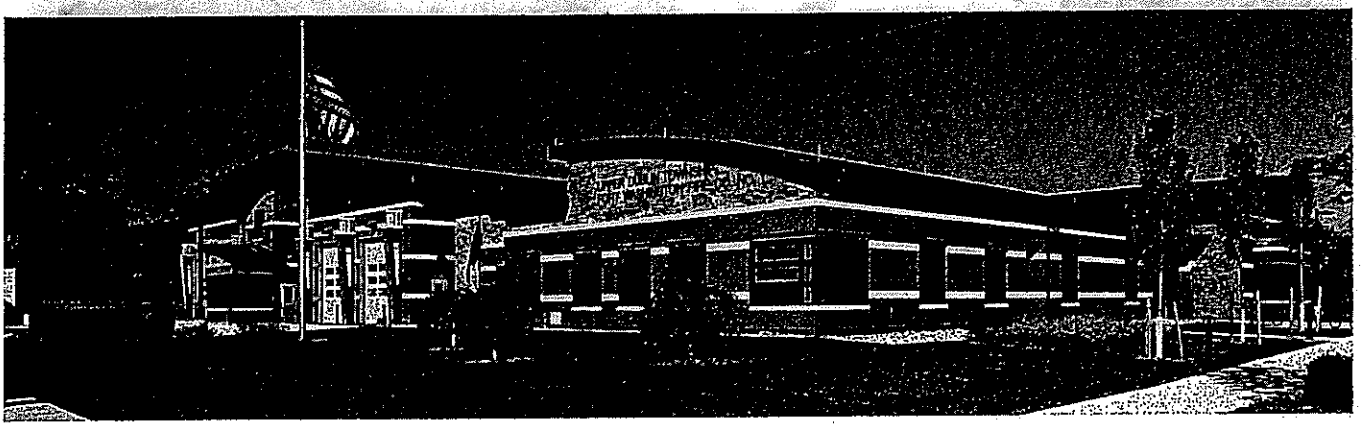
Contact
Jeff Fogel
Past President
(215) 651-2861

Construction Cost
$6.3 million

Completion
2012

SERVICES PROVIDED

- Feasibility Study
- Site Evaluation
- Schematic Design
- Construction Administration
- Design Coordination
- Budget and Value Engineering
- Coordination with Volunteer Fire Company



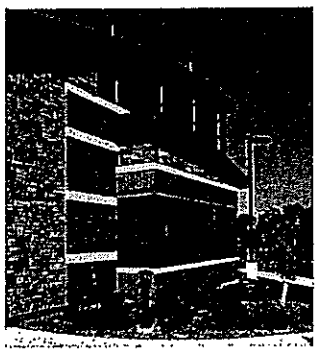
Fort Washington Fire Company No. 1 wanted to combine its Volunteer Fire Company and New Student Bunker Program into a single facility with public access for training, EOC, and Township offices that would maintain secure separations without diminishing emergency response.

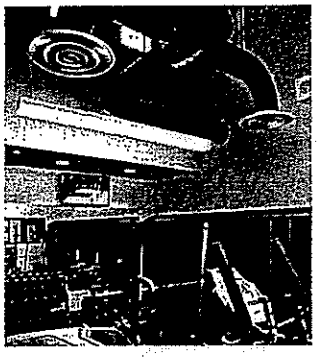
AWARDS

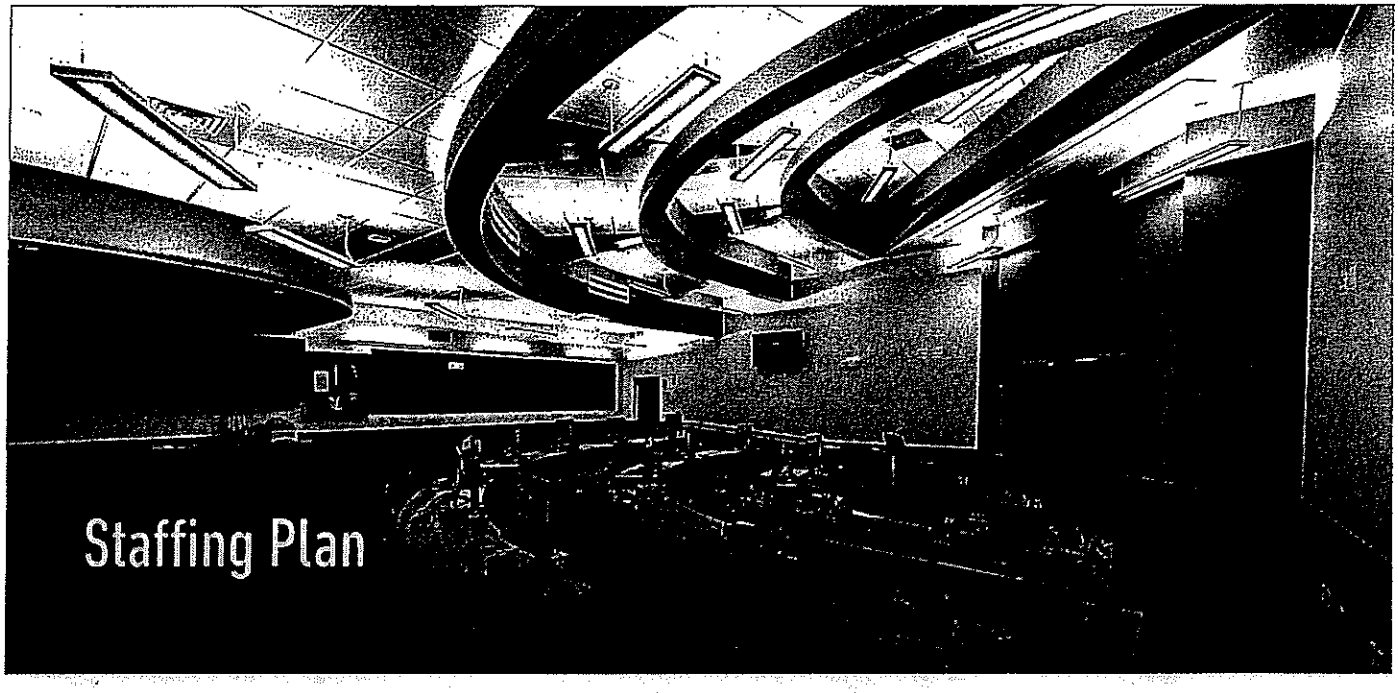
- Fire Chief Gold Award

Pacheco Ross Architects (PRA), a division of H2M, controlled the size and scope of the facility and analyzed every aspect of the project through value engineering in order to stay on budget. We brought together the community, Board of Commissioners, Township staff, and the Fire Company for input and concerns as they related to the design of the new facility. We utilized programming and schematic design to engage diverse stakeholders and seek their input. We also invited neighbor input from the residential neighbors and ultimately developed setbacks, berms, a fence and landscape buffer for privacy.

The final design was a 20,170 square foot modern, state-of-the-art, multi-use facility that could be expanded upon in the future. The site and building were designed to allow one additional double-deep bay, bunking, and public area for additional Township uses. All infrastructure and systems were designed to accommodate future expansion.







Qualifications of Key Personnel

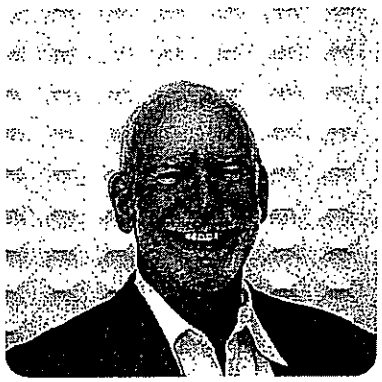
H2M and our team of professionals, believe we have assembled the best team with the specific expertise and direct experience to help the County of Albany achieve its goals for this new emergency management facility. As the projects are similar, we have committed the same staff that worked on the newly open County of Saratoga Public Safety Facility. Our staff are based in our Albany office, just 20 miles from the Clarksville Public Safety Campus. Highlights of our leadership team dedicated to making this project a success are provided below:

► Dennis A. Ross, AIA, Principal-in-Charge

- H2M's Market Director of Emergency Services, Mr. Ross has been directly involved with the design and construction of emergency response facilities for the past 40 years. Mr. Ross provided executive oversight of the Saratoga County Public Safety Facility. He is a nationally renowned architect and specializes in the design of police, fire, and emergency response facilities. Mr. Ross also regularly speaks at national conventions and seminars regarding excellence in fire station design. He is the only Architect to attend and serve on the NFPA Technical Committee on "Emergency Responder Occupational Health". The Committee has been asked to develop a new Standard on Contamination Control, NFPA 1585, and complete a draft by the end of 2020.

► Katrina N. Pacheco, AIA, NCARB, LEED AP BD+C, Project Manager

- Ms. Pacheco is a senior architect with more than 26 years of experience in the design of emergency services facilities. She serves in a voluntary capacity on the Building Committee for Niskayuna Fire District No. 1 where she is an honorary member of the Grand Boulevard Fire Company. Her experience with sustainable practices and emergency response project expertise has enabled her to skillfully assist clients and counsel on many aspects of emergency response facilities. Notably, Ms. Pacheco led the design of the Saratoga County Public Safety Facility.



Dennis A. Ross, AIA

Market Director of Emergency Services

Dennis A. Ross, AIA, has over 40 years of experience in architectural design, focusing on Emergency Response Facilities; fire, police, EMS, EOC, PSAP, and public safety. With additional experience in construction management, real estate development, feasibility studies, and land evaluations, Mr. Ross is able to assess projects from multiple point of views. He leverages his expertise and experience through teaching, writing, speaking at numerous national engagements, and being one of the leaders of the critically acclaimed One-on-One™ symposiums and design services group.

Gaining his Bachelor of Architecture degree from Rensselaer Polytechnic Institute, Mr. Ross went on to become licensed in 14 states, NCARB certified, a board member for the Phi Kappa Tau Rho Chapter Fraternity, and an honorary member of the Kingston, PA Fire Department. Mr. Ross has earned several awards including the NYS Small Business Advocate of the Year award in 2001 from the Business Council of New York State and NFIB; and holds membership in many professional organizations such as AIA, NCARB, NFPA, and ICC.

Selected project experience:

- Saratoga County Sherriff, EOC, PSAP, Emergency Management, and Department of Health; Saratoga, NY
- Norwalk Fire Headquarters, E.O.C., and City I.T.; Norwalk, CT
- Lethbridge Fire Headquarters, E.O.C., PSAP, and City I.T.; Lethbridge AB
- Town of Ticonderoga, Fire & Police; Ticonderoga, NY
- Town of Greenfield, Public Safety, Fire, Police, PSAP, and EOC; Greenfield, MA
- Lexington Fire and Police; Lexington, MA
- City of Poughkeepsie Fire and Police; Poughkeepsie, NY
- City of Wolfforth Public Safety, Fire, Police, PSAP and EOC; Wolfforth, TX
- City of Auburn Public Safety, Police, Fire, PSAP, E.O.C., Courts, Probation, and Parole; Auburn, NY
- East Syracuse Fire and State Police; Town of DeWitt, NY
- City of Barre Fire and Police; Barre, VT
- Town of Brattleboro Police and Fire; Brattleboro, VT
- Town of Bristol Police, and Fire; Bistol, VT
- Somerville Fire and Police; Somerville, NJ

Experience

H2M

Pacheco Ross Architects, P.C.

Education

B.Arch. Rensselaer Polytechnic Institute

BS, Building Science, Rensselaer Polytechnic Institute

Exchange Student, Polytechnic of Central London

Licenses/Certifications

Registered Architect: CO, CT, MD, MA, ME, MI, MO, NE, NJ, NY, OH, PA, TN, VA, WV

Certified: National Council of Architectural Registration Boards (NCARB)

Memberships

American Institute of Architects (AIA)

National Council of Architectural Registration Boards (NCARB)

Former Chairman and Member of /Small & Independent Business Council of New York State

National Fire Protection Association (NFPA)

NFPA Technical Committee on Emergency Responder Occupational Health

Board of Governors for Phi Kappa Tau Rho Chapter Fraternity

Honorary Member – Kingston Fire Department, PA

Publications

"Air Quality in Your Fire Station", Firehouse Magazine, 2020

"Get it Done! 10 Strategies for Success", Fire Chief Magazine, 2019

"Design of the Times", Fire Chief Magazine, 2013

"Gear at the Ready", Fire Chief Magazine, 2009

Fire Station: Architectural Insight to Planning, Design, and Construction, Co-Author, IAFC Foundation, 2010

Chief Fire Officer's Desk Reference, Co-Author of Chapter on Fire Station Design, Jones & Bartlett Publishers in conjunction with IAFC Foundation, 2005

"Bay of Rigs", Fire Chief Magazine, 2005

David J. Pacheco, AIA

Director of Operations, Senior Architect

Mr. Pacheco has more than 26 years of architectural experience and is H2M's Director of Operations. Mr. Pacheco leads the Core of Excellence and is responsible for developing, directing, coordinating, and implementing plans and systems for quality and excellence across H2M disciplines, markets, and offices. Mr. Pacheco administers all phases of architectural and planning projects from design through construction administration. His expertise includes Client satisfaction, design, contract management, planning, budgeting, and the overseeing of project schedules, design development, construction documents, governmental agency submissions, and construction phase services.

Mr. Pacheco serves as Fire Commissioner for Niskayuna Fire District No. 1 and is a Professor of Professional Practice at Rensselaer Polytechnic Institute. He has personally designed and/or evaluated more than 200 emergency response facilities and received numerous accolades for his practical and aesthetically pleasing creations that respond sensitively to Client needs, budget, codes, the environment, and the community. His broad leadership experience and emergency response design expertise has enabled him to knowledgeably write, teach, and counsel on all aspects of architecture. Furthermore, Mr. Pacheco has authored articles, books, and national standards; and has won numerous major and national design awards.

Experience
H2M
Pacheco Ross Architects, P.C.

Education
B.Arch. Rensselaer Polytechnic Institute
BS, Building Sciences, Rensselaer Polytechnic Institute

Licenses/Certifications
Registered Architect: CA, CT, DE, FL, MA, NJ, NY, NC, RI, TN, VT, TX #18551
Certified: National Council of Architectural Registration Boards (NCARB)

Memberships
Fire Commissioner, Niskayuna Fire District No.1
ASTM Homeland Security Committee- Emergency Operations Center (EOC) Standards
American Institute of Architects (AIA)
Trustee: Rensselaer Newman Foundation
Past President, AIA Eastern New York – 2007-2009
Director AIA Eastern New York – 2012-2013 and 2019-2021
Director, AIA New York State – 2009-2010
Honorary Member: Grand Boulevard Fire Co. (NY) & Kingston Fire Department (PA)

Publications
"Design for the Times," Fire Chief Magazine, March 2013
"Questions to Ask When Choosing an Architect," Fire Chief Magazine, March 2010
"Fire Station: Architectural Insight to Planning, Design, and Construction," IAFC Foundation, 2010
"Anatomy of a Training Tower," Fire Chief Magazine, April 2006
"Chief Fire Officer's Desk Reference," Jones & Bartlett Publishers in conjunction with IAFC, 2005
"ASTM E2668-10 Standard Guide for Emergency Operations Center (EOC) Development," ASTM 2010

Selected project experience:

- Saratoga County Public Safety Facility, NY
- City of Poughkeepsie Public Safety Facility, NY
- Mill Creek Fire Company Station #2, DE
- City of Norwalk Fire Department Headquarters, CT
- Princeton First Aid and Rescue Squad Station, NJ
- River Oaks Fire and Rescue Station #23, VA
- Stillwater Fire District Headquarters, NY
- Town of Dewitt Multi-Purpose Facility, NY
- Fort Washington Fire Company Station, PA
- Village of Manlius Fire Station, NY
- Thompsonville Fire District No. 2 Station, CT
- Great Barrington Fire Station, MA
- Monroe Township Fire District #3 Station, NJ
- Guilderland Fire District Fire Station, NY
- Tallman Fire District Facility, NY
- Cicero Fire Department Fire Station, NY
- City of Lethbridge Fire Headquarters, EOC, PSAP, Alberta, Canada
- Town of Lexington Fire Station, MA
- Mill Creek Fire Company Station #21, DE
- Kent Island Volunteer Fire Department Station, MD
- Cortez Fire Protection District Fire Station, CO
- Bethel Park Fire Station, PA
- Niskayuna Fire District No. 1 Balltown Station, NY
- Village of Fayetteville Fire Station, NY
- Horsham Battalion #2 Fire Station, PA
- Town of Wilbraham Fire Station, MA
- Silver Lake Fire District Fire Station, NY
- Village of Colonie Fire Station, NY
- Orangeburg Fire District Fire Station, NY
- Halfmoon-Waterford Fire District Fire Station, NY
- Keene Fire District Station, NY
- William P. Faist Ambulance Facility, NY
- Town of Natick Fire Station, MA
- O'Fallon Shiloh Fire Station, IL

Andrew F. Jackson, AIA

Project Architect

Mr. Jackson has over 20 years of experience providing architectural services for emergency services and educational facility projects. He is knowledgable in handling all phases of public and private projects, including client contact, programming, design development, construction document production, consultant coordination and contact, and construction administration.

Selected project experience:

- Halfmoon-Waterford Fire District, Halfmoon, NY: Project Architect for a new five-bay, 17,000 square foot fire station and separate 4,800 square foot temporary facility/pavilion structure. Work includes MEP, civil, and structural engineering coordination.
- Charlton Fire District #1, Charlton, NY: Project Architect for new fire station consisting of a 9,000 square foot ground floor footprint with three fire apparatus bays and support spaces. The facility also includes a separated administrative area consisting of office space, meeting rooms, and common areas for the firefighters and staff.
- Saratoga County Public Safety Facility, Ballston Spa, NY: Construction administration services for a new 63,000 square foot building housing the Sheriff's Department, Emergency Services, PSAP 911 Call Center, Probation, and Public Health departments. The building includes 13,500 square feet of shared spaces for collaboration and training purposes.
- New Fire Station, Y-12 National Security Complex, Oak Ridge, TN: Project Architect for a new 30,000 square foot fire station with operations/apparatus high-bay structure, including a mezzanine and a two-story public entry, and administrative, dormitory, and support spaces.

Selected project experience prior to H2M:

- Argyle CSD, Capital Project; Argyle, NY: $6.4 million referendum including additions and renovations. Elementary gym renovation, locker rooms reconstruction, classroom reconstruction, sitework including tennis courts, bus garage renovation, access control upgrades, and coordination of all associated MEP work.
- SUNY New Paltz, Exterior Rehabilitation on Various Buildings: Contract with the State University Construction Fund involving eight campus buildings, vestibule replacements, curtain wall replacement, roof replacements, multi-story window replacement, historic renovation of wood windows, brick facade, and copper roofing. Also coordinated structural groups, MEP groups, and historic preservation WBE/MBE teams.
- NYY Community Foundation; Watertown, NY: Project Architect for a 15,000 square foot high-quality office space and meeting space, including renovation and restoration of the historic 1906 Federalist structure, with a 4,500 square foot three-story addition for accessibility and collaboration space.
- Indian Lake Fire District, Firehouse Renovation; Indian Lake, NY: Project Manager for the renovation of an existing 8,000 square foot steel building with structural and mechanical upgrades to a Cat. IV Essential Facility. Space configurations were made to accommodate current equipment requirements. Facade design was completed to harmonize with Adirondack Style main street context.
- Erwin Library Additions and Renovations; Boonville, NY: Re-use of existing space to expand collection, and new construction for ADA accessibility and compliance. Romanesque Revival stone edifice, c. 1888, National Historic Register.
- Town and Village of Boonville Municipal Offices; Boonville, NY: New building to house municipal offices, meeting rooms, courtrooms, and police in a 7,700 square foot design inspired by Neoclassical and Victorian local vernacular.

Experience
H2M
Mosaic Associates Architects
BCA Architects & Engineers
Andrew F. Jackson Architect, PC
James Jordan Associates
Weintraub and di Domenico, Architects, Urban Planners, and Landscape Architects
Stephen Tilly, Architect

Education
B.Arch., Syracuse University

Licenses/Certifications
Registered Architect: NY

Memberships
American Institute of Architects (AIA)
H2M Sustainability Committee

THE Chazen COMPANIES®
Proud to be Employee Owned

Chazen was founded in the Historic Hudson Valley Region of New York in 1947. They provide technical consulting expertise in civil engineering, planning, land surveying, environmental and safety consulting, code compliance, landscape architecture, and transportation planning and traffic engineering to a wide variety of clients. With offices throughout New York, Tennessee and Oregon, Chazen delivers world-class performance focused on creating effective, long-term partnerships with its clients.

Chazen is an employee-owned firm with over 150 employees and is strong with clients representing all realms of business – municipalities, nonprofits, government agencies, as well as commercial developers, private institutions and industries. With proven success, we have greatly expanded over the past few decades, yet we remain a family-run company rooted in Main Street values.

Chazen's portfolio spans a broad range of project types offering diversity and quality which resonate with their clients. From project concept to construction completion, we collaborate closely with clients, taking a customized approach that provides each client with the personal and professional service expected.

Chazen's approach is to carefully listen to their clients' needs, help define the community's goals and objectives, and identify institutional, environmental and stakeholder challenges. This enables them to craft a plan and a team of professionals to meet each client's needs. Ongoing client communications are central to successful project completion and ensure that high-quality services are delivered on time and on budget. The result is a customized approach and successful project completion.

AREAS OF EXPERTISE

- Civil Engineering
- Building Code & Life Safety Services
- Construction Services
- Environmental Services
- Geotechnical Engineering
- Grant Writing & Administration
- Landscape Architecture
- Land Surveying
- Planning Services
- Structural Engineering
- Transportation Planning & Traffic Engineering

OFFICE LOCATIONS

NEW YORK
Capital District
North Country
Hudson Valley
Westchester County
New York City

TENNESSEE
Nashville
Chattanooga

OREGON
Portland

EDUCATION

AAS, Forestry, Paul Smith College, 1971

REGISTRATION

Land Surveyor NY 049828

Land Surveyor VT 671

AFFILIATIONS

NYS Association of Professional Land Surveyors

Eastern New York Society of Land Surveyors

Vermont Society of Land Surveying

TRAINING

Dale Carnegie Leadership

TWIC Certified

10-Hour OSHA Construction

THE Chazen COMPANIES®

Proud to Be Employee Owned

BRUCE G. WELLS, P.L.S.

Principal, Director, Land Surveying

With over 42 years' experience in land surveying, Mr. Wells works closely with municipal clients providing high quality land surveying services, consultation and problem solving from project inception through completion. These projects range from performing surveys for the design of Public Safety Facilities, water wastewater treatment facilities, fire stations, highway improvement project, water, storm and sanitary sewer distribution projects, waterfront revitalization projects, boundary and acquisition mapping, as well as salt shed design projects. His experience extends to working with state and federal agencies, attorneys, title companies, public and private utilities, private developers and environmental firms. Mr. Wells is responsible for the overall quality assurance and management of survey services.

PROJECT EXPERIENCE

- **Saratoga County Public Safety Facility**
  Milton, NY – Role: Project Manager

  Survey project manager for a topographic, subsurface utility survey and right of way survey for the design of the Saratoga County Public Safety Facility located at Fairground Avenue and County Farm Road in the Town of Milton, New York. Chazen was retained by H2M architects and engineers to provide professional land surveying, civil and landscape architecture services. Chazen had prior survey history on the project site as the site was previously selected for an Emergency Service 911 Tower.

- **Saratoga County Office of Emergency Services – 911 Radio Towers**
  Saratoga County, NY – Role: Project Manager

  Chazen provided topographic / utility and property surveys for 15 tower locations throughout Saratoga County, New York. The surveys were utilized for the design of each structure. In addition, each site was mapped, legal description written for the parcel and access / utility route along with staking the facilities.

- **Town of Stillwater – NY Proposed Public Safety Facility**
  Stillwater, NY – Role: Project Manager

  Project Manager for a boundary and topographic survey within the northerly side of County Route 76 in the Town of Stillwater in order to subdivide ten (10) acres from the 80-acre parcel for a Public Safety Building, located at 266 County Route 76, Stillwater, New York. Subdivision map and legal descriptions were prepared for the land transfer to the Town.

- **NYS Police Troop G Headquarters: Parking Lots**
  Latham, NY – Role: Project Manager

  Mr. Wells was responsible for preparing topographic and utility surveys for the project site. The survey was utilized for the design and construction of additional parking lots and modifications to security fencing at the existing Troop G Headquarters in Latham.

Additional Projects Include:

- Guilderland Fire District
- Albany County Nursing Home
- City of Albany Water Board – Numerous projects
- New York State Office of General Service (OGS) Harriman Campus.
- City of Cohoes Canal Square Park
- City of Albany Waterfront Revitalization

GUILDERLAND FIRE DISTRICT
Guilderland, NY

Chazen provided civil/site design services for the expansion of the Guilderland Fire District along NYS Route 20 in the Town of Guilderland. As the site engineer for the project, Chazen was responsible for all site and utility improvements which included pavement systems design, site grading, landscape design, water and sanitary sewer services and storm water management. Chazen completed highway curb cut applications and work permits for the expansion of additional apparatus bays and new pedestrian sidewalks along NYS Route 20. Chazen also provided construction phase engineering services which included inspection of utility installations, storm water and erosion and sediment control and certifications to the Town.

ORANGETOWN FIRE DISTRICT
Orangetown, NY

This project involved the civil/site design for the new fire station to be constructed along Orangeburg Road and Dutch Hill Road, in the Town of Orangetown. As the project engineer, Chazen was responsible for all aspects of the civil/site design for the design of the site plans and utilities for the proposed fire station. Responsibilities involved preparing the site development plans including demolition plans, site layout plans, utility and lighting plans, grading and erosion control plans, stormwater pollution prevention plans, and county highway entrance plans.

VERDOY FIRE DEPARTMENT
Colonie, NY

Chazen provided civil/site design tasks for the relocated Verdoy Fire Department in the Town of Colonie. As the site engineer, Chazen was responsible for all site and utility improvements, which included pavement systems design, site grading, water main connection, sanitary sewer connection and storm water management planning and utilities. Chazen completed highway curb cut applications and work permits and coordinated the relocation of the Fire Department's traffic signal located on NYS Route 7. Chazen also provided construction phase engineering services, which included inspection of utility installations and as-built drawings for certification with the Town of Colonie.

ADDITIONAL FIRE STATION PROJECTS:

- **Roosevelt Fire District** – Hyde Park, NY
- **Rensselaer Fire District** – Rensselaer, NY
- **Wilton Fire Department** – Wilton, NY
- **Orangetown Fire District** – Orangetown, NY
- **Chestertown Fire Department** – Chestertown, NY
- **Wallkill Fire District** – Shawangunk, NY
- **Silver Lake Fire District New Firehouse** – Middletown, NY
- **Pottersville Fire District** – Pottersville, NY
- **Orangeburg Fire District** – Orangeburg, NY
- **Stanford Heights Fire District** – Colonie, NY
- **Tallman Fire District New Office and Storage Building** – Airmont, NY

JEFFREY A BAK, PRINCIPAL ENGINEER

Mr. Bak has worked in the Design and Construction Industry since 1985. He heads Spring Line Design's structural engineering department yet continues to be actively involved in design and construction on a daily basis. Mr. Bak excels at working with architects to find structural solutions that support all of a project's needs, without breaking the bank. Above all, he is genuinely interested and engaged in anything having to do with the building industry no matter where, when, or whose project it may be.

PROJECT EXPERIENCE

MUNICIPAL	
New Saratoga County Public Safety Facility, Ballston Spa, NY	
New Nassau Emergency Medical Services, Nassau, NY	
Waterford Consolidated Firehouse Feasibility Study, Waterford, NY	GOSR/DASNY
Waterford New Fire Station, Waterford, NY	GOSR/DASNY
New Paltz East New Fire Station, New Paltz, NY	GOSR/DASNY
Central Bridge Firehouse Feasibility Study, Esperance, NY	GOSR/DASNY
Manlius 5-Vehicle Bay Fire Station, Manlius, NY	
Manlius Fire Station Site Wall, Manlius, NY	
Phoenix 4-Vehicle Bay Fire Station, Phoenix, NY	
Great Barrington Fire Station Code Review and Seismic Analysis, Great Barrington, MA	
Faist 3-Vehicle Bay Ambulance Corps, Ramapo, NY	
Salt Storage Shed, Town of Pittstown, Pittstown, NY	
Pittsfield Waste Water Treatment Plant Grit Clarifier, Pittsfield, MA	
Pittsfield Waste Water Treatment Plant Force Main Upgrades, Pittsfield, MA	
East Greenbush Waste Water Treatment Plant Special Inspections, East Greenbush, NY	
Village of Mayfield Waste Water Treatment Plant, Mayfield, NY	
New Mamakating Library, Wurstboro, NY	
William K Sanford Colonie Town Library Renovation, Colonie, NY	
Simsbury Public Library Renovation, Simsbury, CT	
Crawford Library Rehabilitation and Adaptive Use, Monticello, NY	

OTHER	
Great Meadow Correctional Facility MEP Improvements, Comstock, NY	NYS OGS
Oneida Correction Facility Storage Building, Oriskany, NY	NYS OGS
Greene Correctional Facility Overhead Piping, Coxsackie, NY	NYS OGS
Eastern Correctional Facility Wastewater Treatment, Napanoch, NY	NYS OGS
Troop C Headquarters Renovation for Forensics ID Prototype Evidence Storage, Unadilla, NY	NYS OGS
Staten Island Armory Provide Renovations to Conference Room and Family Support Area	NYS OGS
Harriman State Office Campus Building No. 3 Provide Daycare, Albany, NY	NYS OGS
Harriman Campus Building 8 Pedestrian Walkway, Albany, NY	NYS OGS
Maybrook DOT Maintenance Sub-headquarters Addition, Maybrook, NY	NYS OGS
Dulles State Office Building Auditorium, Watertown, NY	NYS OGS
Bedford Hills Correctional Facility New Generator Building, Bedford Hills, NY	NYS OGS
Coxsackie Correctional Facility Switchboard Housing and Powerhouse Addition, Coxsackie, NY	NYS OGS
Clinton Correctional Facility Rehabilitate Showers, Dannemora, NY	NYS OGS
Albany DOCCS Training Academy, Albany, NY	NYS OGS
Green Haven Correctional Facility Rehabilitate Kitchen, Stormville, NY	NYS OGS
NYS Police Troop A Provide Barracks, Fredonia, NY	NYS OGS
NYS Police Troop E Sprinkler Supports, Canandaigua, NY	OGS/NYSP
NYS Region 3 New Headquarters Building, New Paltz, NY	NYS DOT

EDUCATION & ACCREDITATION

Registered Professional Engineer NY, MA, CT, VT

Bachelor of Science, University of Massachusetts at Amherst

Member of the American Society of Civil Engineers

Former Chair of the Structural Engineering Institute (SEI) Mohawk Hudson Section

LEED Accredited Professional

American Society of Civil Engineer's (ASCE) Mohawk Hudson Engineer of the Year 2013

NEW SARATOGA COUNTY PUBLIC SAFETY FACILITY · STRUCTURAL DESIGN

ADDRESS
Saratoga County Public
Safety Facility
6012 County Farm Road
Ballston Spa, NY 12020

PROJECT CONTACT
Architect
Pacheco Ross Architects
A division of H2M
Architects + Engineers
3 Lear Jet Lane, Suite 205
Latham, NY 12110

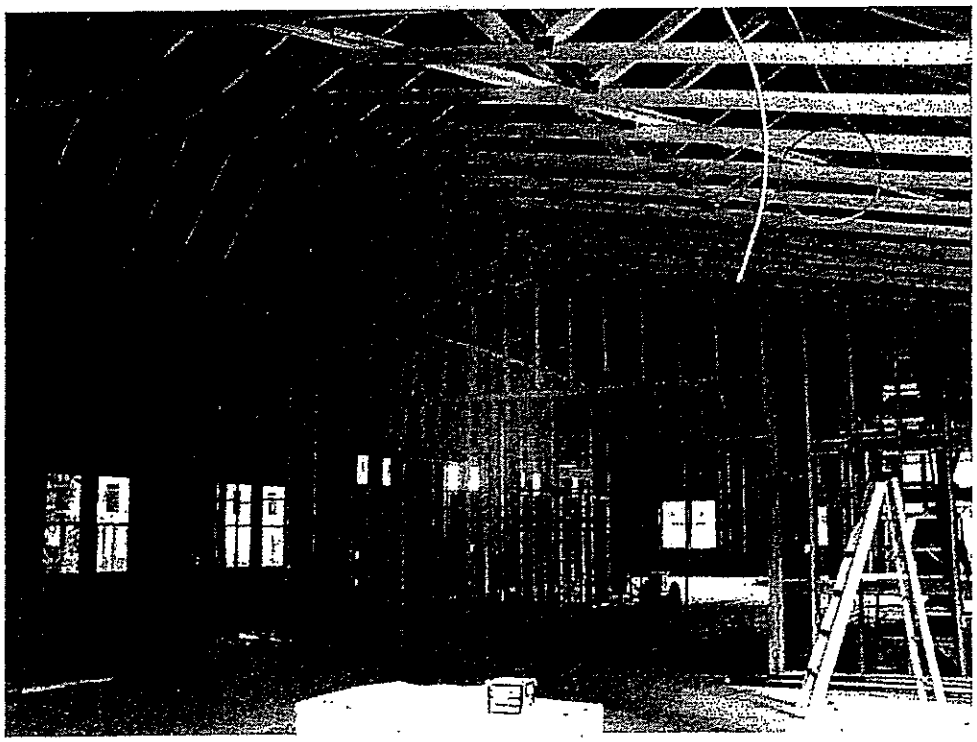
SCOPE
Structural Design, Construction Document Preparation, and Construction Administration

DURATION
2017-Current

DESCRIPTION New 64,500 SF one-story public safety facility which houses a 911 emergency response center; sheriff's office and probation officer's office; offices for county public health, emergency management, and public safety officials and staff. The central core of the facility acts as a "shelter-in-place" and will remain fully powered in emergency situations. Structural design included specialty loading requirements for localized blasts and other environmental factors.

SPRING LINE DESIGN
ARCHITECTURE + ENGINEERING

MAMAKATING LIBRARY · STRUCTURAL DESIGN



ADDRESS
Mamakating Library
128 Sullivan Street
Wurtsboro, NY 12790

PROJECT CONTACT
Architect
Architecture+
297 River Street
Troy, NY 12180

CLIENT
DASNY
515 Broadway
Albany, NY 12207

SCOPE
Structural Design, Construction Document Preparation, and Construction Administration

DURATION
2013-2015

DESCRIPTION New 4,800 square foot public library with dynamic space for adult and children's collections, community programs, literacy computer area, a Director's office, an area for staff activities, and a kitchen for staff and community use. The structure was wood framed (wood stud bearing walls, slab on grade, pre-engineered wood trusses).

SPRING LINE DESIGN
ARCHITECTURE + ENGINEERING

Kenneth A. Hipsky, P.E., LEED AP

Mr. Hipsky has over thirty (30) years of experience in building systems design and construction administration in both the plan/spec and design/build delivery methods. Over his career, projects that he has been involved in vary between public safety, multi-family housing, primary and secondary education, industrial and federal, state and local government. His attention ot detail and innovative designs have led to long-standing client relationships in both the public and private sectors. With LEED accreditation and a focus on sustainability and green building solutions, Mr. Hipsky designs mechanical systems with energy conservation and his Client's bottom line in mind.

EDUCATION:

University of Connecticut
Bachelor of Science cum laude
Mechanical Engineering – 1990

LICENSE:
Professional Engineer:

Connecticut
Minnesota
New York
Virginia
Maine
Florida
Texas
Massachusettes
Vermont
Illinois
New Jersey
New Hampshire
District of Columbia
Hawaii
Michigan
Maryland

REPRESENTATIVE PROJECTS:

Saratoga Public Safety Facility
Thompsonville Fire District #2
Norwalk Fire Headquarters
Willington Fire Station
Orangeburg Fire Station
North Stonington Schools
Meeting House Hill Elementary School
Unmanned Aerial Vehicle Storage and Maint. Facility
Stewart Newburgh AFRC
Electric Boat Non-Metalics Lab
Charles River Laboratories Avian Facilities
Northfield Fire Station
Essex Fire Station
Mansfield Fire Station
Somers Fire Station
West Hartford Fire Station #3
Bethany Fire Station
Comstock Community Center
Groton Public Library
Naugatuck Housing Authority
Stamford Fire Kitchens
Hammonasset Nature Center
Enfield Housing Authority
Stamford Housing Authority
Hamden Housing Authority
Groton Police Station
Veterans Memorial Park Pool House
East Providence Fire Station

Essex Fire Station – Essex, CT
Design of a new 12,000 ft² fire station.

Mansfield Fire Station – Mansfield, CT
Design of a new 4,800 ft² apparatus bay addition and full renovation of the existing 4,800 ft² apparatus bay into administration and bunk spaces.

Weatogue Fire Station – Simsbury, CT
Design of a new 6,500 ft² fire station.

Somers Fire Station – Somers, CT
Design of a new 15,000 ft² fire station.

Bridgeport Senior Center – Bridgeport, CT
Adaptive reuse and renovation of a 5,000 ft² historic fire station into a new senior center.

George F. Lape

Fire Protection Engineer

For nearly 40 years, George has served as a fire protection engineer focused on project planning, estimating, design layout, engineering and specifying for water-based fire protection systems including water supplies, pumps and water storage. He is also well-versed in hydraulic and hazard classification and extremely knowledgeable about clean agent and restaurant hood suppression systems. George has been lending his expertise to RZ Design Associates since 2010.

Education

Rochester Institute of Technology; B.S.M.E. - 1981

Professional Affiliations

National Fire Protection Association - NFPA

Representative Projects

Connecticut Valley Hemp, Sterling, CT

Saratoga Public Safety Complex, Ballston Spa, NY

ESPN, Bristol, CT (Various Projects)

Rocky Hill Senior/Community Center, CT

CVS Pharmacy (Various Locations)

Newtown Police Department, CT

Supreme, Manhattan, NY

7-Eleven and BK, Chicopee, MA

J.R. Payden Field House, Derby, CT

Dollar General, Southington, CT

Philip R. Smith School, South Windsor, CT

Eli Terry Elementary School, South Windsor, CT

Hartford Steam Boiler, CT

Dr. Oran A. Moser School, Rocky Hill

540 New Park Ave., West Hartford, CT

ASICS 5th Ave. Flagship Store, Manhattan, NY

District #12, Washington Depot, CT

New Britain Central Kitchen, CT

Lululemon, Boston, MA

Windsor Police Department, CT

Fairfield University Health & Wellness, CT

Dept. of Public Works, Rye Brook, NY

Choate Rosemary Hall (Various Projects)

iHealth, Enfield, CT

Eli Lilly, Enfield, CT

Oxford Performance Materials, South Windsor, CT

Conning, Hartford, CT

Long Hill Fire Co., Trumbull, CT

KIM WEED
SENIOR ESTIMATOR

BACKGROUND

Ms. Weed has over 20 years of experience in the construction field. She is a team player adept at balancing client expectations against company resources to ensure complete satisfaction. She has a strong technical background, a comprehensive understanding of problem solving, cost estimating, change orders, project management, specifying and procuring.

RELEVANT EXPERIENCE

FEMA LIPA Mitigation, New York State:
The scope of this project includes the planning, preliminary and detailed engineering work associated with inspecting and proposing mitigation recommendations to increase the storm resistance of the most at-risk sections of up to 1,600 miles of distribution mainline facilities.

MSKCC/CUNY Project, New York, NY:
The MSK Facility will be a new ambulatory care center; the CUNY facility will be a Hunter College Science and Health Professions Building. The project will have a combined gross square footage of 1,100,000SF, including below grade and mechanical space.

SUNY New Paltz, New Paltz, NY:
Project consists of four different buildings on the SUNY New Paltz Campus: Coykendall Science Building, Haggerty Administration Building, Jacobsen Hall, and Student Union. Provided the conceptual estimate for vestibule replacement and/or renovation work such as site/pavers, foundations, storefront/curtain walls, roofing, interior and MEP modifications related to vestibules.

SUNY New Paltz Samuel Dorsky Museum, New Paltz, NY:
Located inside the campus of SUNY New Paltz, this 9,000SF art museum houses more than 5,500 works from around the world in its six galleries. Provided cost estimating for this HVAC and Electrical renovation project in the basement, mezzanine and roof of the Museum.

2455 South Road, Poughkeepsie, NY:
Provided feasibility review and estimating for the renovation and fit-out of a office building to accommodate OPWDD units including Administrative, Business Office, Clinics, Dental & Labs, EAP, Human Resources, Investigations, HIM Records, Quality Improvement, WTM, Adaptive Equipment, ITS, Union Offices, State Operations, Regional Office, Revenue Support Field Office and Training.

SUNY Stony Brook Hospital MART, Stony Brook, NY:
Provided change order management and estimating services for the core and shell construction and fit out of two 10-story buildings.

Bronx Family Criminal Courthouse, Bronx, NY:
Provided change orders, estimating, and value engineering services for the renovation of several floors of the courthouse. The building remained operational during the renovation.

EDUCATION

Diploma, Engineering Drafting Technology, Maryland Drafting Institute, MD
BS, Athletic Training, Keene State College Keene, NH

PROFESSIONAL RESUME
Anthony K. Ward, President
AKW Consulting, Inc.

30 JAY STREET, SCHENECTADY, NY 12305
Phone: 365-8822
Email: TWARD@AKWCONSULT.COM

EMERGENCY SERVICES:

2018 – 2020

SARATOGA COUNTY PUBLIC SAFETY FACILITY
Provide Construction Administration Services for Saratoga County, overseeing new 62,000 SF Public Safety Facility with a contract amount of $28M. Departments include: Administration / Emergency Preparedness Coordination / County Sheriff / Probation Dept / Community Outreach / Environmental.

SCHENECTADY FIRE STAITON #3 RENOVAITONS:
Provide CA services for $1M life / safety upgrades to Schenectady Fire Department Station #3 located on Third Ave. Project scheduled for 2020 Completion. This is a phased project with the fire station remaining active in the building during construction.

2011

NISKAYUNA FIRE DISTRICT NO. 1:
Construction Administration services for $3.5M additions and renovations to the existing Fire House. Project completion May 2011.

2003

FORT HUNTER FIRE HOUSE:
Construction Administration services on new 21,500 SF Fort Hunter Fire House on Carman Road in Schenectady. In 2003 provided pre-construction services: construction advice and cost estimating to check budgets. Construction on the new $3M facility began Spring 2004.

2002

WESTERN TUNPIKE RESUCE SQUAD:
Construction Administration services for two new Ambulance / Rescue Squad Facilities in Guilderland, N.Y. The main station is 16,000 SF and the auxiliary facility is 5,000 SF.

SCHENCTADY COUNTY, NY:

2008 – 2020

SUNY SCHENECTADY COMMUNITY COLLEGE
Begley Hall Library Renovations: Construction Administration services for $10M renovation project to the existing 30K SF Library in Begley Hall. Extensive interior and exterior renovations including MEP and technology upgrades, a new Learning Commons, Circulation, Book Stacks, Offices and Bathrooms. Completed August 2019.

SCCC Culinary Arts School Wood Fired Oven: Provided Construction Management services to the Culinary Arts School at SCCC for the design and building of a $25K exterior masonry wood burning pizza & bread oven, to be used by the Culinary School for classroom instruction. Completed October 2016.

SCCC Kindl Building Renovation Phase II: Construction Admin for 3,500 SF gut and renovation of the main floor of the County-owned Kindl Building. located at 201 State St, Schenectady. Fit-out includes new classrooms, offices, a 3 stop elevator, and new electrical, HVAC & plumbing systems at a cost of $1.5M. Project completed October 2015.

SCCC Center for Science & Technology Lab Fit-Out: Construction Admin Services for $300K fit out of a new Nanotech Laboratory at SCCC's Center for Science & Technology. Project completed June 2014.

PROFESSIONAL RESUME
Anthony K. Ward, President
AKW Consulting, Inc.

30 JAY STREET, SCHENECTADY, NY 12305
Phone: 365-8822
Email: TWARD@AKWCONSULT.COM

Rooms. Facility will be the future home of capital region BOCES theatrical tech program and for Proctors programs during the summer months. Construction Budget of $2M. Project began October 2016 and scheduled to open November 2017.

Universal Preservation Hall: Pre-Construction (2013-2016 Includes plan / program review and established budget estimates). CM services for $10M historic renovations to an 1871 Methodist church located at 25 Washington Ave. in Saratoga Springs, N.Y. Provided CM services to Bid, Contract and manage construction.

2014 – 2015

Plaster Restoration Project: Phase 4 of a complete restoration of the historical theatre's decorative interior finishes, including: plaster walls/ceilings, medallions, trims, seating boxes and the front face of the balcony. Work includes $750K restoration / replacement of main field & ornamental plaster, refurbishing scagliola, cleaning & repair of marble surfaces, re-painting and "Dutch leaf" application. Additional work included resurfacing and restoration of six existing bars plus the candy counter and hearing impaired station.

Apostrophe Café Renovations: Managed the overhaul of Proctor's 'Apostrophe' Café during Summer 2015. Project complete on time & within budget for start of 2015-2016 show season.

2013 – 2014

Marquee Restoration: CM Services for refurbishing three existing marquees on Proctors Historic Theatre. Scope includes five new state of the art digital signs and restoration of the two main theatre marquees as well as restoration work at the State Street Arcade entry. $250,000. Work completed September 2015.

2009 – 2010

Expansion of Key Hall: Providing ongoing Construction Management services for $300K renovation of the former Key Bank into Proctor's new banquet and meeting facility.

TAB 3

► References

H2M's References

H2M has a strong record of performance on projects involving Emergency Operations Centers (EOCs) and Public Safety Answering Points (PSAPs). We encourage you to contact the references below to verify our successful track record. Detailed project descriptions can be found in Tab 2.

► Saratoga County Public Works

Richard Castle, Undersheriff
6010 County Farm Road, Ballston Spa, NY 12020
(518) 885-2497

Saratoga County Public Works

► City of Norwalk, CT

Denis McCarthy, Past Fire Chief of Norwalk, Current Fire Chief of Fairfield, CT
140 Reef Road, Fairfield, CT 06824
(203) 854-0232

City of Norwalk, CT

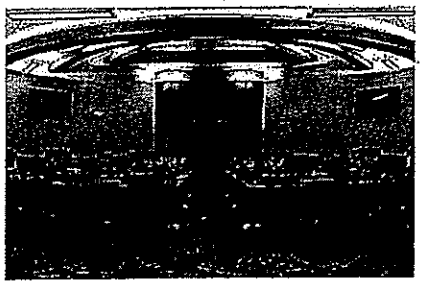
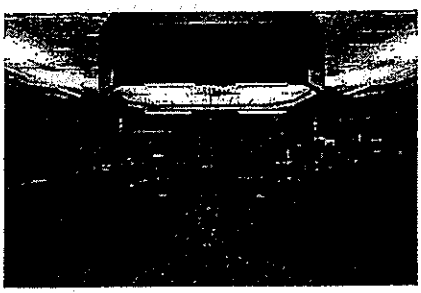
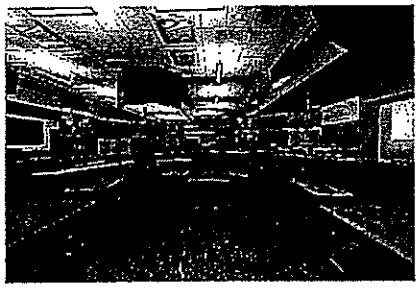
► City of Lethbridge, AB

Richard Hildebrand, Fire Chief
City Hall 910, 4th Ave South, Lethbridge, AB T1JOP6
(403) 393-8006

City of Lethbridge, AB

TAB 4

County of Albany
Request for Proposal – RFP 2020-098
Albany County Sheriff
E-911 Emergency Management Facility
September 11, 2020

The Albany office of H2M architects + engineers, believes the County of Albany and its Sheriff's Department deserve the most qualified Architect for your new, strategically sited project. Our team represents the very best in Client value, nationally recognized, innovative leadership in PSAP and EOC design experience, direct senior partner involvement and commitment to your issues. We propose a focused scope of services to program, design, and create a new Emergency Management Facility (EMF).

H2M has designed, built and assessed well over 300 emergency response facilities including 911 call centers (PSAP), EOC's, Emergency Management Facilities, and Public Safety. This real-world experience and specific expertise include each of the major tasks set forth in the RFP. We will create value and incorporate state-of-the-art thinking and recommendations for the County and Sheriff. David J. Pacheco, an H2M VP and senior designer, was appointed to the ASTM Homeland Security Committee-Emergency Operations Center (EOC) Standards Committee. Dennis A. Ross, Director of the Emergency Service Market, is currently sitting on the NFPA Technical Committee on Emergency Responder Occupational Health where Mr. Ross is the only Architect on the National Committee. Both will bring their considerable expertise and experiences on these committees to bear on your project.

The EMF will need to integrate with the current sheriff's facility on the site. H2M is well-versed in handling these types of challenges and believe that these challenges are not a problem, but rather an opportunity for creative solutions. **We believe that a free-standing and connected, properly placed EMF can take advantage of the site, not interfere or interrupt services in the current facility, save time during both design and construction and ultimately save cost for the County.**

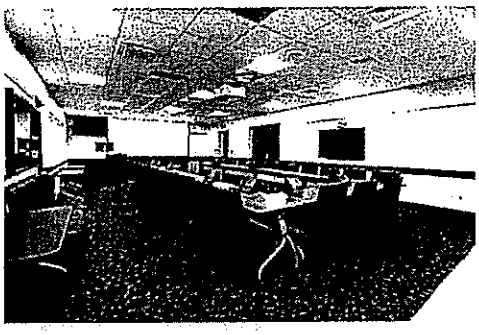
Project Services

Project Scope – Our team will meet with project stakeholders to discuss the scope, Owner expectations, end user expectations, timeline and process for the project.

- We will discuss critical issues of how to effectively utilize any past work product, the design, program, site, codes and standards, current industry trends and end user health and well-being.
- During this initial meeting, we will address issues of security, comfort and alertness, sustainability, resiliency, redundancy, communication protocols and your goals for the project.
- We will address **how to best achieve your visions, goals and budget for the project.**

Codes, Requirements and Regulations – We will assess the relevant codes, regulatory requirements and operation guidelines for the EMF.

- o Mr. Ross will draw on his current experience with the NFPA and his National Presentation on Covid-19 and building design to address staff wellbeing, health and the effects of both the current pandemic and possibility for cross-contamination from Sheriff's activities in the field.
- o Utilize the NYS Building Code (2020 IBC), National Fire Protection Association (NFPA), and Americans with Disabilities Act (ADA) included in the ICC/ANSI A117.1-2003.
- o We incorporate the recommendations of NFPA 1221 in our EOC and PSAP designs. These include recommendations for redundancy, resiliency and security.
- o We follow applicable guidelines of ASTM E2668-10 Standard Guide for Emergency Operations Center (EOC).
- o H2M will evaluate recommendations from FEMA P 361 or ICC 500 that may benefit the facility.
- o We will consider other applicable standards for the building such as OSHA requirements and site regulations such as FEMA, EMAP or SEMO.
- o We will follow NFPA 13 for the building sprinkler design and Dept. of Health for a septic system.
- o Our Team will lead the NYS SEQRA process, prepare the long form, write the Negative Declaration and coordinate with the County as Lead Agency.
- o A SWPPP program will be outlined for the site as we assume disturbance will exceed 1 acre.
- o The International Building Code (IBC) has defined EMF's as **"Essential Facilities."** These buildings are designed, built and observed during construction to a high standard.
- o If the County enforces its regulatory requirements such as Planning, Zoning, Site Plan approval or other local requirements, our Team can propose additional services as needed.



Energy Efficiency and Sustainability – We look to achieve sustainability and energy efficiency throughout the course of your project. Our buildings embrace energy efficiency through common sense design and construction techniques.

- o One example may be to evaluate LEED and net-zero strategies, systems and designs. We will look closely at the cost-benefit, comfort, feasibility and value for the County.
- o We can evaluate various wall, ceiling and floor coverings and discuss the pros-cons, sustainability, maintenance and cost-effectiveness of these various surface materials.
- o We incorporate daylighting (that meets NFPA 1221) into the building, yet still protects the PSAP from distraction or bright spots while maintaining security.
- o Other systems may include high-efficiency HVAC systems with economizers, smart thermostats, and low-flow plumbing fixtures.
- o Adhesives, paints and coatings are examples of no VOC (volatile organic content) materials.
- o High levels of insulation and envelope tightness are standard design techniques.
- o We will evaluate the effectiveness of recycled content in flooring, ceilings and other materials where appropriate.

Conceptual Layout – We will generate conceptual block diagram layouts based on the Program and Space Analysis. We will:

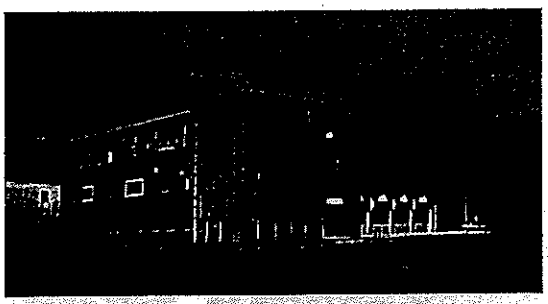
- o Address the existing building, its proximity and how it may affect the EMF location and design.
- o Design for the building footprint, site constraints, security, parking, hardening and safety.
- o Recommend site needs and improvements that affect the facility such as additional septic or utilities.

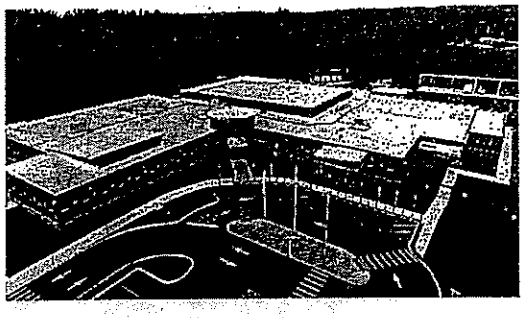
Meetings and Presentations – Our team will meet with you to program, review the existing facility, examine the site and discuss designs and budgets.

- o We lead meetings and will and will present to the Sheriff and end-users.
- o H2M can set up and run virtual meetings as required for health and safety.

Deliverables

- o ***Project Scope*** – Initial stakeholders meeting
- o ***Program*** – Validate and revise as needed Owner's existing Program to create an up-to-date detailed operations-based program explaining needs and requirements
- o ***Space Analysis*** – Spreadsheet of square footage that summarizes the Program
- o ***Conceptual Budget*** – The probable cost/sq. ft. for new construction based on the Space Analysis
- o ***Site Evaluation*** – Evaluation process to review pro and cons and critical issues
- o ***Survey Coordination*** – Thorough checklist with Team coordination
- o ***Geotechnical Coordination*** – Thorough checklist with Team coordination
- o ***SEQRA*** – Develop long form SEQRA, initiate the Neg. Dec. (Assume the County will be Lead Agent)
- o ***Codes*** – Review relevant codes, regulations, health and safety needs and ADA requirements
- o ***Energy Efficiency/Sustainability*** – Common sense, off-the-shelf materials, systems and design
- o ***Concept Site Layout*** – Block diagram site layout
- o ***Concept Plan Layout*** – Block diagram floor plan layout
- o ***Schematic Design*** – Site plan, floor plan and elevation design that depicts aesthetics, and County needs – 3-D massing image of the design
- o ***Budget*** – Third-party professional estimate of the construction hard costs
- o ***Soft Cost Budget Assistance*** – Other project costs developed in conjunction with the County
- o ***Value Consulting*** – Systematic procedure to seek quality
- o ***Meetings*** – In-person or virtual meetings as required to facilitate the project



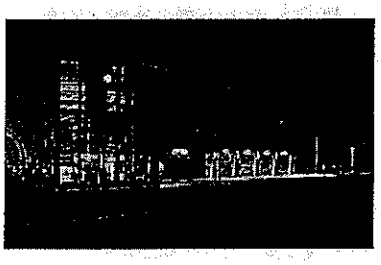


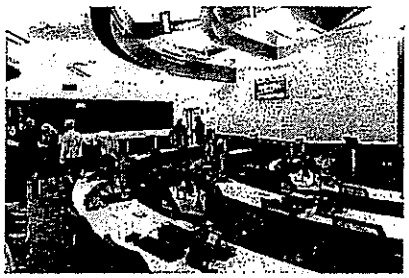
Ongoing Approach and Workplan

Design Development – Based on the schematic design, budget and work product to date, we undertake the tasks of further defining the systems, materials and budget.

- o Mechanical, electrical, plumbing, fire protection, security and integration with County vendors will be programmed with the County.
- o A Project Manager along with senior level MEP Engineers will lead the MEP Programming which includes security such as door fobs, cameras and PSAP software requirements.
- o This scope identifies critical and functional issues of HVAC controls, lighting, electrical service, generator, redundancy, security, healthy working environment, plumbing fixtures, water use, etc.
- o Should a septic system be required, the design and submission to the Dept. of Health will commence.
- o The technology, security and critical functions of the PSAP and EOC will be programmed.
- o Structural systems incorporating resiliency, hardening and security will be examined.
- o Building Information Management (BIM) is started in earnest with the consultants. BIM will help to assure the County that systems work in concert and interferences are kept to a minimum.
- o Further review of details and materials research will continue. Site plan approvals will address changes to footprint, parking or drives and revisions to stormwater drainage or exterior lighting.

- o Carefully coordinate the electrical, security and special equipment installation as they progress.
- o Help the County coordinate the live cutover for the PSAP.
- o Attend site meetings and be available throughout the construction period with additional site visits when needed. Prepare construction reports based on each site visit.
- o Create and maintain project records, correspondence, answer RFI's in a timely manner and conduct regular communications with the entire project team.
- o Prepare additional information when needed to coordinate with the County.
- o Review contractor's requests for payment and verify the amount of work accomplished, materials stored, and retainage before authorizing payment.
- o Evaluate submittals, samples of materials and systems to determine their conformance with plan and specification requirements.
- o Evaluate and research proposed change orders. We examine cost effectiveness, value and the impact on the project for the proposed change.
- o Evaluate test results such as soil compaction, concrete strength, etc. Provide technical expertise and advice in the event of sub-standard test results or unexpected conditions.
- o Advise and coordinate with the County for the "special inspections" required by the IBC for Essential Services Facilities.
- o Affirm Substantial and Final Completion and assist with project closeout procedures, including review of operating manuals, warranties and final paperwork.
- o Receive and review closeout documents such as consent of surety, final affidavits and similar indemnifications.
- o Conduct a thorough punch list walk-through with the consultants.
- o The Commissioning agent, the same company that performed the work on the SPSF, will perform commissioning on all the major systems.
- o Conduct a one-year warranty walk-through with the Owner to identify issues and warranty items.
- o Maintain ongoing communication with the County while the Sheriff's Department, Emergency Management and end users settle in and adapt to their new facility.
- o Should the County elect to work with a CM, all our services will remain as stated. We will coordinate and work closely with AKW on all Bidding and Construction phase services.





Quality Response Deserves Quality Design™

TAB 5

COUNTY OF ALBANY

COST PROPOSAL FORM

PROPOSAL IDENTIFICATION:
Title: **NEW YORK STATE LICENSED ARCHITECT/ENGINEER TO PROVIDE CONSULTING, DESIGN AND CONSTRUCTION ADMINISTRATION SERVICES FOR THE DESIGN OF THE NEW ALBANY COUNTY SHERIFF'S E-911 EMERGENCY MANAGEMENT FACILITY AT THEIR CLARKSVILLE PUBLIC SAFETY CAMPUS**

RFP Number: **2020-098**
New E-911 Emergency Management Facility Project

a. Design Development Phase	$ 225,500.00
b. Construction Document Phase	$ 213,375.00
c. Bidding and Contract Negotiation phase	$ 16,175.00
d. Contract Administration Phase	$ 183,200.00

NOT TO EXCEED TOTAL LUMP SUM FEE (a+b+c+d)
$ 638,250.00
(All reimbursable expenses must be included in total lump sum fee)

e. **Alternate Fee – Construction Management Phase** $ 175,000.00 Not to Exceed

COMPANY:	H2M architects + engineers
ADDRESS:	3 Lear Jet Lane, Suite 205
CITY, STATE, ZIP:	Latham, NY 12110
TEL. NO.:	518-765-5105
FEDERAL TAX ID NO.:	11-2235604
REPRESENTATIVE:	Dennis A. Ross, VP
E-MAIL:	dross@h2m.com
SIGNATURE AND TITLE	V.P.
DATE:	09/22/2020

H2M architects + engineers
3 Lear Jet Lane, Ste 205
Latham, NY 12110 | tel 518.765.5105

Fee Proposal – RFP 2020-098, Albany County Sheriff E-911 Emergency Management Facility

Lump Sum Fee Total **$638,250.00**
Reimbursable expenses are included in the lump sum fee

Additional Lump Sum Fee for CM (Enhanced Construction Administration) **$175,000.00 NTE**

Notes to Compensation:

- Due to the current requirements and issues caused by the Corona Virus, we anticipate some meetings may be virtual as needed and where feasible. Construction Administration will be in-person visits.
- The County is a public entity subject to NYS Labor Department wage rate guidelines and the bidding requirements of General Municipal Law Article 101-5A (Wicks Law) requiring a minimum of four (4) separate prime contractors for a construction project. Budgets and design will reflect these requirements.
- This proposal is based on a single-story building of an approximate range of 8,000 – 12,000 sq. ft. The total combined hard and soft cost budget for the County is $10 mil.
- Consultants such as survey, geotechnical, commissioning, estimating are included in the lump sum fee. Please refer to the various "scopes of work" specified below.
- The County may or may not impose its approval process on the project. We assume SEQRA, Health Department, DEC and similar agency approvals will be required and are included in our proposal.
- Our Team will use the NY State Building Code requirement for EMF facilities as "essential facilities" in our recommendations for the designs and budgets.
- The Contract Administration Phase is assumed to be twelve (12) months with two (2) months for project closeout.
- Our specifications will utilize AIA documents for all aspects of the project.
- For this proposal and budgeting purposes, we assume that the site has soil that is International Code seismic classification of 'C' or better.
- Designs will comply with applicable provisions of the American Disabilities Act (ADA).
- Billing will be monthly in accordance with the percentage of work completed the prior month. H2M will maintain the copyright and intellectual property for the design. The County will own the work product.
- We assume the County is tax exempt and will supply a certificate stating this.
- Services for off-site design, hazardous materials removals, environmental studies, traffic studies and other services are not anticipated and therefore not included in our proposal.
- This proposal is valid for ninety (90) days.

A Description of Various Services are Described Below. Typical Structural and MEP services (both with resiliency, hardening and NFPA 1221 recommendations) have not been detailed.

Enhanced Construction Management – AKW Construction Consulting, Inc.:

- Pre-Bid review of Construction Documents for quality control.
- Bid Review, Contractor Qualifications and recommendations to Owner.
- Project Supervision and Management. Oversee job progress and product quality. Ensure positive construction scheduling and progress and adherence to Contract Documents and Standards.
- Establish and maintain a master Construction Progress schedule by working with all contractors.
- Work closely with Owner and Team to identify and resolve construction issues.
- Review and approve Schedules of Values for determining percentages of completion for requisitions.
- Review and negotiation of all Change Order Requests. Make recommendations to Owner based on careful review of all added work costs and options. Ensure fair pricing on legitimate change orders.
- Project/Coordination/Foreman's Meetings: Attend meetings to coordinate work between all contractors, produce Project Meeting Minutes, and troubleshoot immediate and foreseen issues.
- Maintain records in an efficient manner including all correspondence, Contract Documents, daily logs, monthly requisitions, change orders, As-Built Drawings, shop drawings, product data, warranties, samples, color schedules, etc.
- Project Photos: Record Project progress, subsurface conditions, below slabs, above ceilings and in walls for future reference.
- Punch Lists: Complete punch list at the close of the Project; follow through with contractors to ensure all items have been satisfactorily completed.
- Project Closeout: Finalize and closeout all contracts including negotiating settlement of outstanding change orders, requisitions and retainage. Compile for the Owner, all contractor closeout documentation.

Commissioning – Fusion Systems Engineering DPC
Acceptance Phase:

- Develop the Commissioning plan. Consult with Owner and Project Team regarding specific issues that should be addressed or incorporated into the commission process.
- The Commissioning plan shall include:
  - Narrative of Cx activities.
  - List of equipment to be commissioned, sequences of operations, prerequisites, and description of test procedure.
  - List of functions to be tested.
  - Conditions tests will be performed.
  - Measurable criteria for conformance.
- Coordinate the commissioning work during the acceptance phase of the project.

TAB 6

ATTACHMENT "A"
NON-COLLUSIVE BIDDING CERTIFICATE PURSUANT TO SECTION 103-D OF THE NEW YORK STATE GENERAL MUNICIPAL LAW

A. By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid, each party thereto certifies as to its own organizations, under penalty of perjury, that to the best of knowledge and belief:

(1) The prices in this bid have been arrived at independently without collusion, consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor.

(2) Unless otherwise required by law, the prices which have been quoted in this bid have not knowingly been disclosed by the bidder and will not knowingly be disclosed by the bidder, directly or indirectly, prior to opening, to any bidder or to any competitor.

(3) No attempt has been made or will be made by the bidder to induce any other person, partnership or corporation to submit or not to submit a bid for the purpose of restricting competition.

A bid shall not be considered for award nor shall any award be made where (1), (2), and (3) above have not been complied with; provided, however, that in any case the bidder cannot make the foregoing certification, the bidder shall so state and shall furnish with the bid a signed statement which sets forth in detail the reasons thereof. Where (1), (2), and (3) above have not been complied with, the bid shall not be considered for any award nor shall any award be made unless the head of the Purchasing Unit to the political subdivision, public department , agency or official thereof to which the bid is made, or his designee, determines that such disclosure was not made for the purpose of restricting competition.

The fact that a bidder (a) has published price lists, rates, or tariffs covering items being procured, (b) has informed prospective customer of proposed or pending publication of new or revised price lists for such items, or (c) has sold the same items to other customers at the same prices being bid, does not constitute, without more, a disclosure within the meaning of paragraph "A" above.

B. Any bid hereafter made to any political subdivision of the state or any public department, agency or official thereof by a corporate bidder for work or services performed or to be performed or goods sold or to be sold, where competitive bidding is required by statute, rule, regulation, local law, and where such bid contains the certification referred to in paragraph "A" of this section, shall be deemed to have been authorized by the Board of Directors of the bidder, and such authorization shall be deemed to include the submission of the bid and the inclusion therein of the certificate as to non-collusion as the act and deed of the corporation

Dennis A. Ross, AIA
Signature

Vice President
Title

8/26/2020
Date

H2M architects + engineers
Company Name

ATTACHMENT "B"
ACKNOWLEDGMENT BY PROPOSER

If Individual or Individuals:

STATE OF _____)
COUNTY OF _____) **SS.:**

On this _____day of _____, 20___, before me personally appeared _____ to me known and known to me to be the same person(s) described in and who executed the within instrument, and he (or they severally) acknowledged to me that he (or they) executed the same.

_____

Notary Public, State of _____

Qualified in _____

Commission Expires _____

If Corporation:

STATE OF New York)
COUNTY OF Albany) **SS.:**

On this 26th day of August, 20 20, before me personally appeared Dennis A. Ross, AIA to me known, who, being by me sworn, did say that he resides at (give address) 323 Highgate Drive, Slingerlands, NY 12159; that he is the (give title) Vice President of the (name of corporation) H2M architects + engineers, the corporation described in and which executed the above instrument; that he knows the seal of the corporation, and that the seal affixed to the instrument is such corporate seal; that it was so affixed by order of the board of directors of the corporation, and that he signed his name thereto by like order.

PATRICIA C. BIANCHINI
Notary Public, State of New York
Registration #01BI6265321
Qualified In Albany County
Commission Expires July 9, 2024

_____

Notary Public, State of New York

Qualified in Albany County

Commission Expires 7/9/2024

If Partnership:

STATE OF _____)
COUNTY OF _____) **SS.:**

On the_____day of_____, 20___, before me personally came_____ _____, to me known to be the individual who executed the foregoing, and who, being duly sworn, did depose and say that he / she is a partner of the firm of_____ and that he / she has the authority to sign the same, and acknowledged that he / she executed the same as the act and deed of said partnership.

_____

Notary Public, State of _____

Qualified in _____

Commission Expires _____

ATTACHMENT "C"
ALBANY COUNTY
VENDOR RESPONSIBILITY QUESTIONNAIRE

1. VENDOR IS:

☒ PRIME CONTRACTOR

2. VENDOR'S LEGAL BUSINESS NAME	3. IDENTIFICATION NUMBERS
H2M Architects, Engineers, Land Surveying and Landscape Architecture, DPC	a) FEIN # 11-2235604 b) DUNS #05-499-2334
4. D/B/A – Doing Business As (if applicable) & COUNTY FIELD:	5. WEBSITE ADDRESS (if applicable)
H2M architects + engineers	www.h2m.com

6. ADDRESS OF PRIMARY PLACE OF BUSINESS/EXECUTIVE OFFICE	7. TELEPHONE NUMBER	8. FAX NUMBER
538 Broad Hollow Road, 4th Floor East, Melville, NY 11747	631-756-8000	631-694-4122
9. ADDRESS OF PRIMARY PLACE OF BUSINESS/EXECCUTIVE OFFICE *IN NEW YORK STATE, if different from above*	10. TELEPHONE NUMBER	11. FAX NUMBER

12. AUTHORIZED CONTACT FOR THIE QUESTIONNAIRE

Name Dennis A. Ross, AIA
Title Vice President
Telephone Number 518-765-5105
Fax Number 518-765-5107
e-mail dross@h2m.com

13. LIST ALL OF THE VENDOR'S PRINCIPAL OWNERS.

a) NAME Please see attached	TITLE	b) NAME	TITLE
c) NAME	TITLE	d) NAME	TITLE

A DETAILED EXPLANATION IS REQUIRED FOR EACH QUESTION ANSWERED WITH A "YES," AND MUST BE PROVIDED AS AN ATTACHMENT TO THE COMPLETED QUESTIONNAIRE. YOU MUST PROVIDE ADEQUATE DETAILS OR DOCUMENTS TO AID THE COUNTY IN MAKING A DETERMINATION OF VENDOR RESPONSIBILITY. PLEASE NUMBER EACH RESPONSE TO MATCH THE QUESTION NUMBER.

14. DOES THE VENDOR USE, OR HAS IT USED IN THE PAST FIVE (5) YEARS, ANY OTHER BUSINESS NAME, FEIN, or D/B/A OTHER THAN THOSE LISTED IN ITEMS 2-4 ABOVE? List all other business name(s), Federal Employer Identification Number(s) or any D/B/A names and the dates that these names or numbers were/are in use. Explain the relationship to the vendor. ☐ Yes ☒ No

15. ARE THERE ANY INDIVIDUALS NOW SERVING IN A MANAGERIAL OR CONSULTING CAPACITY TO THE VENDOR, INCLUDING PRICIPAL OWNERS AND OFFICERS, WHO NOW SERVE OR IN THE PAST ONE (1) YEARS HAVE SERVED AS:

a) An elected or appointed public official or officer? ☒ Yes ☐ No
List each individual's name, business title, the name of the organization and position elected or appointed to, and dates of service

b) An officer of any political party organization in Albany County, whether paid or unpaid? ☐ Yes ☒ No
List each individuals name, business title or consulting capacity and the official political position held with applicable service dates.

Response to #15A – Elected or Appointed Public Official or Officer

- David J. Pacheco, Vice President of H2M, is an elected Fire Commissioner for Niskayuna Fire District No.1, which is in neighboring Schenectady County. Serving from September 2018 to present (current term expires 12/31/23).

- David L. Mammina, Vice President of H2M, is an appointed Chairman of the Zoning Board of Appeals for the Town of North Hempstead. He has been serving in this position since 1992.

Response to #13, List all of the vendor's principal owners:

NAME	TITLE
Richard W. Humann, P.E.	Chairman, Chief Executive Office, President
Joseph M. Mottola, AIA	Chief Operating Officer, Executive Vice President, Secretary
Dennis M. Kelleher, P.E.	Chief Market Director, Executive Vice President
Steven J. Hyman, P.E.	Principal Office Director, Executive Vice President
Gregory C. Smith, CPA	Chief Financial Officer, Executive Vice President, Treasurer

16.	WITHIN THE PAST (5) YEARS, HAS THE VENDOR, ANY INDIVIDUALS SERVING IN MANAGERIAL OR CONSULTING CAPACITY, PRINCIPAL OWNERS, OFFICERS, MAJOR STOCKHOLDER(S) (10% OR MORE OF THE VOTING SHARES FOR PUBLICLY TRADED COMPANIES, 25% OR MORE OF THE SHARES FOR ALL OTHER COMPANIES), AFFLITIATE OR ANY PERSON INVOLVED IN THE BIDDING OR CONTRACTING PROCESS:		
	a) 1. been suspended, debarred or terminated by a local, state or federal authority in connection with a contract or contracting process;	☐ Yes	☒ No
	2. been disqualified for cause as a bidder on any permit, license, concession franchise or lease;		
	3. entered into an agreement to a voluntary exclusion from bidding/contracting;		
	4. had a bid rejected on an Albany County contract for failure to comply with the MacBride Fair Employment Principles;		
	5. had a low bid rejected on a local, state or federal contract for failure to meet statutory affirmative action or M/WBE requirements on a previously held contract;		
	6. had status as a Women's Business Enterprise, Minority Business Enterprise or Disadvantaged Business Enterprise, de-certified, revoked or forfeited;		
	7. been subject to an administrative proceeding or civil action seeking specific performance or restitution in connection with any local, state or federal government contract;		
	8. been denied an award of a local, state or federal government contract, had a contract suspended or had a contract terminated for non-responsibility; or		
	9. had a local, state or federal government contract suspended or terminated for cause prior to the completion of the term of the contract.		
	b) been indicted, convicted, received a judgment against them or a grant of immunity for any business-related conduct constituting a crime under local, state or federal law including but not limited to, fraud extortion, bribery, racketeering, price-fixing, bid collusion or any crime related to truthfulness and/or business conduct?	☐ Yes	☒ No
	c) been issued a citation, notice, violation order, or are pending an administrative hearing or proceeding or determination of violations of:	☒ Yes	☐ No
	1. federal, state or local health laws, rules or regulations.		
17.	IN THE PAST THREE (3) YEARS, HAS THE VENDOR OR ITS AFFILIATES 1 HAD ANY CLAIMS, JUDGMENTS, INJUNCTIONS, LIENS, FINES OR PENALTIES SECURED BY ANY GOVERNMENTAL AGENCY? Indicate if this is applicable to the submitting vendor or affiliate. State whether the situation(s) was a claim, judgment, injunction, lien or other with an explanation. Provide the name(s) and address(es) of the agency, the amount of the original obligation and outstanding balance. If any of these items are open, unsatisfied, indicate the status of each item as "open" or "unsatisfied."	☒ Yes	☐ No
18.	DURING THE PAST THREE (3) YEARS, HAS THE VENDOR FAILED TO:		
	a) file returns or pay any applicable federal, state or city taxes? ***Identify the taxing jurisdiction, type of tax, liability year(s), and tax liability amount the vendor failed to file/pay and the current status of the liability.***	☐ Yes	☒ No
	b) file returns or pay New York State unemployment insurance? ***Indicate the years the vendor failed to file/pay the insurance and the current status of the liability.***	☐ Yes	☒ No
	c) Property Tax ***Indicate the years the vendor failed to file.***	☐ Yes	☒ No
19.	HAVE ANY BANKRUPTCY PROCEEDINGS BEEN INITIATED BY OR AGAINST THE VENDOR OR ITS AFFILIATES 1 WITHIN THE PAST SEVEN (7) YEARS (WHETHER OR NOT CLOSED) OR IS ANY BANKRUPTCY PROCEEDING PENDING BY OR AGAINST THE VENDOR OR ITS AFFILIATES REGARDLESS OR THE DATE OF FILING? Indicate if this is applicable to the submitting vendor or affiliate. If it is an affiliate, include the affiliate's name and FEIN. Provide the court name, address and docket number. Indicate if the proceedings have been initiated, remain pending or have been closed. If closed, provide the date closed.	☐ Yes	☒ No
20.	IS THE VENDOR CURRENTLY INSOLVENT, OR DOES VENDOR CURRENTLY HAVE REASON TO BELIEVE THAT AN INVOLUNTARY BANKRUPTCY PROCEEDING MAY BE BROUGHT AGAINST IT? Provide financial information to support the vendor's current position, for example, Current Ration, Debt Ration, Age of Accounts Payable, Cash Flow and any documents that will provide the agency with an understanding of the vendor's situation.	☐ Yes	☒ No

Response to #16C

Date	Agency	Action
Pending Matters		
	None	
Resolved Matters		
2019	City of New York Dept of Environmental Protection	H2M was cited for failing to timely file an air monitoring report upon completion of project. H2M has filed the report and paid a stipulated penalty of $1,500.
2019	City of New York Dept of Buildings	As architect of record for many Sandy-damaged homes in NYS Build-it-Back program, H2M was erroneously cited in two instances where contractors received a DOB stop work order. One violation against H2M was dismissed in advance of, and the other violation was dismissed at the administrative hearing.
2019	State of New Jersey Office of Attorney General	After investigating a report of an H2M employee allegedly providing unlicensed services in the state, the State Board of Professional Engineers and Land Surveyors found "insufficient cause" to take any action against H2M.
2018	Commonwealth of Pennsylvania Office of General Counsel	After inquiring into allegations of H2M practicing architecture on a lapsed license, the Prosecution Division closed the matter without taking any action against H2M.
2018	City of New York Dept of Environmental Protection	H2M paid a $1,500 settlement penalty for a piece of air monitoring equipment missing its calibration sticker.
2017	City of New York Dept of Environmental Protection	As the Permit Holder for an asbestos remediation monitoring job, H2M was issued a $1,000 civil penalty for its subcontractor's slight misplacement of a piece of air monitoring equipment.
2015	State of New York Office of General Service	H2M attended a show cause / responsibility meeting with, and submitted follow up materials to, NYS OGS concerning allegations of unsecured tools/documents at a correctional facility. The State's concerns were satisfied.

Response to #17

YEAR	PARTIES	SITUATION	DESCRIPTION	STATUS
2019	Kneeland Construction v. Mt. Pleasant School District v. H2M	Claim	Plaintiff (P) contractor sued H2M client (school district) for nonpayment of change orders on an elevator replacement project. District filed third-party action against H2M alleging lack of specificity in design documents as cause of construction change orders. H2M answered that docs were in sufficient detail and fine fitment is contractor's responsibility.	Case settled with no finding of fault against H2M.

21.	IN THE PAST FIVE (5) YEARS, HAS THE VENDOR OR ANY AFFILIATES[1] :	☐ Yes	☒ No
	a) defaulted or been terminated on, or had its surety called upon to complete, any contract (public or private) awarded;		
	Indicate if this is applicable to the submitting vendor or affiliate. Detail the situation(s) that gave rise to the negative action, any corrective action taken by the vendor and the name of the contracting agency.		

1 "Affiliate" meaning: (a) any entity in which the vendor owns more than 50% of the voting stock; (b) any individual, entity or group of principal owners or officers who own more than 50% of the voting stock of the vendor; or (c) any entity whose voting stock is more than 50% owned by the same individual, entity or group described in clause (b). In addition, if a vendor owns less than 50% of the voting stock of another entity, but directs or has the right to direct such entity's daily operations, that entity will be an "affiliate" for purposes of this questionnaire.

ALBANY COUNTY
VENDOR RESPONSIBILITY QUESTIONNAIRE

FEIN #

State of: New York)
) ss:
County of: Albany)

CERTIFICATION:

The undersigned: recognizes that this questionnaire is submitted for the express purpose of assisting the County of Albany in making a determination regarding an award of contract or approval of a subcontract; acknowledges that the County may in its discretion, by means which it may choose, verify the truth and accuracy of all statements made herein; acknowledges that intentional submission of false or misleading information may constitute a felony under Penal Law Section 210.40 or a misdemeanor under Penal Law Section 210.35 or Section 210.45, and may also be punishable by a fine and/or imprisonment of up to five years under 18 USC Section 1001 and may result in contract termination; and states that the information submitted in this questionnaire and any attached pages is true, accurate and complete.

The undersigned certifies that he/she:

- Has not altered the content of the questions in the questionnaire in any manner;
- Has read and understands all of the items contained in the questionnaire and any pages attached by the submitting vendor;
- Has supplied full and complete responses to each item therein to the best of his/her knowledge, information ad belief;
- Is knowledgeable about the submitting vendor's business and operations;
- Understands that Albany County will rely on the information supplied in the questionnaire when entering into a contract with the vendor;
- Is under duty to notify the Albany County Purchasing Division of any material changes to the vendor's responses.

Name of Business H2M architects + engineers

Address 3 Lear Jet Lane, Suite 205

City, State, Zip Latham, NY 12110

Signature of ~~Owner~~ VP

Printed Name of Signatory Dennis A. Ross, AIA

Title Vice President

Sworn before me this 26 day of Aug, 2020

Notary Public

PATRICIA C. BIANCHINI
Notary Public, State of New York
Registration #01BI6265321
Qualified In Albany County
Commission Expires July 9, 2024

Dennis A. Ross, AIA
Printed Name

Signature

8/26/2020
Date

Attachment "D"
Certification Pursuant to Section 103-g
Of the New York State
General Municipal Law

A. By submission of this bid/proposal, each bidder/proposer and each person signing on behalf of any bidder/proposer certifies, and in the case of a joint bid, each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each bidder is not on the list created pursuant to paragraph (b) of subdivision 3 of Section 165-a of the New York State Finance Law.

B. A Bid/Proposal shall not be considered for award, nor shall any award be made where the condition set forth in Paragraph A above has not been complied with; provided, however, that in any case the bidder/proposer cannot make the foregoing certification set forth in Paragraph A above, the bidder/proposer shall so state and shall furnish with the bid a signed statement which sets forth in detail the reasons therefor. Where Paragraph A above cannot be complied with, the Purchasing Unit to the political subdivision, public department, agency or official thereof to which the bid/proposal is made, or his designee, may award a bid/proposal, on a case by case business under the following circumstances:

1. The investment activities in Iran were made before April 12, 2012, the investment activities in Iran have not been expanded or renewed after April 12, 2012, and the Bidder/Proposer has adopted, publicized and is implementing a formal plan to cease the investment activities in Iran and to refrain from engaging in any new investments in Iran; or

2. The political subdivision makes a determination that the goods or services are necessary for the political subdivision to perform its functions and that, absent such an exemption, the political subdivision would be unable to obtain the goods or services for which the contract is offered. Such determination shall be made in writing and shall be a public document.

Dennis A. Ross, AIA
Signature

Vice President
Title

8/26/2020
Date

H2M architects + engineers
Company Name

Sheet MS4-1: Bidder/Proposer Certification Statement (to be used with Section 34 Part A – General Contracts)

As a bidder seeking to provide services on behalf of Albany County, I certify under penalty of law that I understand and agree to comply with the terms and conditions of the New York State Pollutant Discharge Elimination System ("SPDES") General Permit for Stormwater Discharges from Municipal Separate Storm Sewer Systems (MS4 Permit) and Albany County Local Law 7 of 2007, and agree to implement any Best Management Practices or corrective actions identified by Albany County or an authorized representative thereof as necessary to maintain compliance. I understand that Albany County must comply with the terms and conditions of the aforementioned MS4 Permit, and that it is unlawful for any person to directly or indirectly cause or contribute to a violation of water quality standards. I am also aware that County Local Law 7 of 2007 prohibits any activities that cause or contribute to a violation of the County's SPDES permit. Further, I understand that any non-compliance by Albany County will not diminish, eliminate or lessen my own liability.

Name of Third Party Entity: H2M architects + engineers

Address: 3 Lear Jet Lane, Suite 205, Latham, NY 12110

Phone Number(s): (518) 765-5105

Description of activities to be performed by your firm or organization within Albany County are related to the Albany County Storm Water Management Program (SWMP) (include any activities that have the potential to generate or prevent pollution and/or affect water quality):

None

Description of where the work is to be performed within Albany County facilities:

New Albany County Sheriff's E-911 Emergency Management Facility at their Clarksville Public Safety Campus

Signature

Dennis A. Ross, AIA

Printed Name

Vice President

Title

8/26/2020

Date

BORMANN

RFP #2020-098: NYS Licensed A/E to Provide Consulting, Design, and Construction Administration Services for the Design of the New ACSO E-911 Emergency Management Facility at their Clarksville Public Safety Campus

Proposal Rating Worksheet

Reviewer: Leon Bormann, Chief Deputy ACSO

		ANGERNAME			ARCHITECTURE +			ASHLEY McGRAW			C&S COMPANIES			CSARCH			C.T. MALE		
	Weight		Rate	Score		Rate	Score		Rate	Score		Rate	Score		Rate	Score		Rate	Score
Proposer's comprehension of the required (work) Scope of Services.	25%		4	1		4	1		3	0.75		4	1		4	1		4	1
Prior experience in similar building construction projects.	25%		3	0.75		3	0.75		3	0.75		3	0.75		3	0.75		4	1
Professional Qualifications	10%		3	0.3		4	0.4		3	0.3		3	0.3		4	0.4		4	0.4
Total proposed price which must include all expenses.(New E-911 Emergency Management Facility Project/Alternate Construction Management Fee)	30%	($529,900 / $330,000) $859,900	4	1.2	($595,000 / $172,750) $767,750	5	1.5	($1,274,113 / $176,000) $1,450,113	3	0.9	($559,856 / $330,000) $889,856	3	0.9	($541,600 / $304,000) $845,600	3	0.9	($796,960 / $575,800) $1,372,760	4	1.2
Client References.	10%		2	0.2		2	0.2		3	0.3		3	0.3		3	0.3		3	0.3
TOTALS:	100%			3.45			3.85			3			3.25			3.35			3.9

NOTES:

		H2M			LaBELLA			LOTHROP			MEMASI			WCGS		
	Weight		Rate	Score		Rate	Score		Rate	Score		Rate	Score		Rate	Score
Proposer's comprehension of the required (work) Scope of Services.	25%		5	1.25		4	1		3	0.75		5	1.25		4	1
Prior experience in similar building construction projects.	25%		5	1.25		3	0.75		3	0.75		4	1		3	0.75
Professional Qualifications	10%		4	0.4		4	0.4		3	0.3		3	0.3		4	0.4
Total proposed price which must include all expenses.(New E-911 Emergency Management Facility Project/Alternate Construction Management Fee)	30%	($638,250 / $175,000) $813,250	5	1.5	($686,000 / $225,000) $911,000	3	0.9	($774,900 / $450,000) $1,224,900	4	1.2	($630,435 / $176,000) $806,435	3	0.9	($774,700 / $444,800) $1,219,500	4	1.2
Client References.	10%		5	0.5		4	0.4		3	0.3		3	0.3		4	0.4
TOTALS:	100%			4.9			3.45			3.3			3.75			3.75

NOTES:

Memasi - Numerous items were not included in the pricing. Section V Compensation page 71 stated construction planned for 8 months with $22,000.00 for each additional month, this is estimated to be a 12 month project. Price did not include the cost for the Geotechnical exploration, site survey and hydrant flow test. They also indicated an additional fee for an Audio Visual consultant. We requested that all cost be included in the bid.

RFP #2020-098: NYS Licensed A/E to Provide Consulting, Design, and Construction Administration Services for the Design of the New ACSO E-911 Emergency Management Facility at their Clarksville Public Safety Campus

Proposal Rating Worksheet

Reviewer: MLM

		ANGERNAME			ARCHITECTURE +			ASHLEY McGRAW			C&S COMPANIES			CSARCH			C.T. MALE		
	Weight		Rate	Score		Rate	Score		Rate	Score		Rate	Score		Rate	Score		Rate	Score
Proposer's comprehension of the required (work) Scope of Services.	25%		4	1		3.5	0.875		4	1		4	1		5	1.25		4	1
Prior experience in similar building construction projects.	25%		3	0.75		4	1		4	1		3	0.75		5	1.25		4	1
Professional Qualifications	10%		4	0.4		5	0.5		4	0.4		4	0.4		5	0.5		4	0.4
Total proposed price which must include all expenses.(New E-911 Emergency Management Facility Project/Alternate Construction Management Fee)	30%	($539,900 / $330,000) $859,900	4	1.2	($595,008 / $172,750) $767,758	5	1.5	($1,274,113 / $176,000) $1,450,113	1	0.3	($559,956 / $330,000) $889,956	3.5	1.05	($541,400 / $304,000) $845,400	4	1.2	($796,560 / $575,800) $1,372,760	2	0.6
Client References.	10%		5	0.5		5	0.5		5	0.5		5	0.5		5	0.5		5	0.5
TOTALS:	100%			3.85			4.375			3.2			3.7			4.7			3.5

NOTES:

		B2M			LaBELLA			LOTHROP			MEMASI			WCGS		
	Weight		Rate	Score		Rate	Score		Rate	Score		Rate	Score		Rate	Score
Proposer's comprehension of the required (work) Scope of Services.	25%		5	1.25		4	1		4	1		3.5	0.875		5	1.25
Prior experience in similar building construction projects.	25%		5	1.25		4	1		3	0.75		5	1.25		4	1
Professional Qualifications	10%		4	0.4		4	0.4		4	0.4		4	0.4		5	0.5
Total proposed price which must include all expenses.(New E-911 Emergency Management Facility Project/Alternate Construction Management Fee)	30%	($638,250 / $175,000) $813,250	4	1.2	($486,000 / $225,000) $911,000	3.5	1.05	($774,900 / $450,000) $1,224,900	2	0.6	($630,435 / $176,000) $806,435	4	1.2	($774,700 / $444,800) $1,219,500	2	0.6
Client References.	10%		5	0.5		5	0.5		5	0.5		5	0.5		5	0.5
TOTALS:	100%			4.6			3.95			3.25			4.225			3.85

NOTES:

RFP #2020-098: NYS Licensed A/E to Provide Consulting, Design, and Construction Administration Services for the Design of the New ACSO E-911 Emergency Management Facility at their Clarksville Public Safety Campus

Proposal Rating Worksheet

Reviewer: John J. Neri

		ANGERNAME			ARCHITECTURE + 3			ASHLEY McGRAW			C&S COMPANIES			CSARCH 1			C.T. MALE		
	Weight		Rate	Score		Rate	Score		Rate	Score		Rate	Score		Rate	Score		Rate	Score
Proposer's comprehension of the required (work) Scope of Services.	25%		4	1		4	1		4	1		4	1		4	1		4	1
Prior experience in similar building construction projects.	25%		2	0.5		3	0.75		4	1		3	0.75		5	1.25		3	0.75
Professional Qualifications	10%		4	0.4		4	0.4		4	0.4		4	0.4		5	0.5		4	0.4
Total proposed price which must include all expenses.(New E-911 Emergency Management Facility Project/Alternate Construction Management Fee)	30%	($519,900 / $330,000) $859,900	4	1.2	($595,000 / $172,750) $767,750	5	1.5	($1,274,113 / $176,000) $1,450,113	1	0.3	($559,856 / $330,000) $889,856	4	1.2	($541,600 / $304,000) $845,600	4	1.2	($796,960 / $575,800) $1,372,760	2	0.6
Client References.	10%		3	0.3		3	0.3		3	0.3		3	0.3		3	0.3		3	0.3
TOTALS:	100%			3.4			3.95			3			3.65			4.25			3.05

NOTES:

		H2M 2			LaBELLA			LOTHROP			MEMASI			WCGS		
	Weight		Rate	Score		Rate	Score		Rate	Score		Rate	Score		Rate	Score
Proposer's comprehension of the required (work) Scope of Services.	25%		4	1		4	1		4	1		4	1		4	1
Prior experience in similar building construction projects.	25%		5	1.25		3	0.75		4	1		4	1		4	1
Professional Qualifications	10%		4	0.4		4	0.4		4	0.4		4	0.4		4	0.4
Total proposed price which must include all expenses.(New E-911 Emergency Management Facility Project/Alternate Construction Management Fee)	30%	($638,250 / $175,000) $813,250	4	1.2	($686,000 / $225,000) $911,000	4	1.2	($774,900 / $450,000) $1,224,900	2	0.6	($630,435 / $176,000) $806,435	4	1.2	($774,700 / $444,800) $1,219,590	2	0.6
Client References.	10%		3	0.3		3	0.3		3	0.3		3	0.3		3	0.3
TOTALS:	100%			4.15			3.65			3.3			3.9			3.3

NOTES:

August 2, 2019

Terracon GeoReport

SEI Design Group
187 Wolf Road, Suite 304
Albany, New York 12205

Attn: Mr. Russell Brady, RA
P: (518) 435-2467
E: rob@seidesigngroup.com

Re: Geotechnical Engineering Report
Vehicle Warehouse
Clarksville, New York
Terracon Project No. JB195182

Dear Mr. Brady:

We have completed the Geotechnical Engineering services for the above-referenced project. This study was performed in general accordance with Dente Group Proposal No. PJB195182 which was approved by your office on 7/15/19. This report presents the findings of the subsurface exploration and provides geotechnical recommendations concerning earthwork and the design and construction of foundations, floor slabs, and pavements for the proposed project.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning this report or if we may be of further service, please contact us.

Sincerely,
Terracon Consultants-NY, Inc.

Edward C. Gravelle, P.E.
Senior Engineer

Fred A. Dente, P.E.
Principal

REPORT TOPICS

Note: This report was originally delivered in a web-based format. **Orange Bold** text in the report indicates a referenced section heading. The PDF version also includes hyperlinks which direct the reader to that section and clicking on the ***GeoReport*** logo will bring you back to this page. For more interactive features, please view your project online at client.terracon.com.

ATTACHMENTS

Note: Refer to each individual Attachment for a listing of contents.

Geotechnical Engineering Report

Vehicle Warehouse
Albany County Sheriff Facility
Clarksville, New York

Terracon Project No. JB195182
August 2, 2019

INTRODUCTION

This report presents the results of our subsurface exploration and geotechnical engineering services performed for the proposed Vehicle Warehouse Building to be located at Albany County Sheriff Facility in Clarksville, New York. The purpose of these services is to provide information and geotechnical engineering recommendations relative to:

- Subsurface soil conditions
- Groundwater conditions
- Site preparation and earthwork
- Pavement design and construction
- Foundation design and construction
- Floor slab design and construction
- Seismic site classification per NYSBC
- Frost considerations

The geotechnical engineering Scope of Services for this project included the advancement of eight test borings to depths ranging from approximately 2.4 to 5.1 feet below existing site grades, site reconnaissance by a Geotechnical Engineer, and preparation of this report.

Maps showing the site and test boring locations are shown in the **Site Location and Exploration Plans** section.

SITE CONDITIONS

The Albany County Sheriff's facility is located on the site of the former Clarksville Elementary School at 58 Verda Avenue in Clarksville, New York. The new building is planned in the northeast corner of this site, north of an existing parking lot and immediately west of Graceland Avenue, in an area occupied by open lawns. The ground surface is relatively level to gently sloping with surface elevations in the approximate range of 197 to 199 feet.

The USDA Soil Survey of Albany County has mapped the surficial soils at the site as the Farmington silt loam. These soils are typically composed of silt loam to a depth of between 19 and 23 inches where unweathered bedrock should be present. On the Geologic Map of New York State, bedrock at the site is identified as Onondaga Limestone – Schoharie Formation Shale and Limestone.

We completed previous investigations for additions to the former Clarksville Elementary School and found various depths of fill material over native soils composed of clayey silt with trace to little sand and gravel. Bedrock was encountered at depths of 3.6 and 7.1 feet in two test borings. The rock was composed of Limestone with shale partings.

PROJECT DESCRIPTION

It is our understanding that the project will entail the construction of a pre-engineered steel building measuring about 80 by 130 feet in plan dimensions. An entrance road from Graceland Avenue will adjoin the north side of the building and access a new parking lot planned at the rear of the building. A smaller parking lot is also planned in front of the building along Graceland Avenue. We assume the pavements will be subject primarily to automobile traffic with occasional trucks.

The new building will be a single story, slab-on-grade structure with the ground floor elevation to be selected in the future after topographic surveys of the area are completed. For the purposes of this report, we have assumed that the floor elevation may be about 199 to 200 feet to set the building near to the elevation of Graceland Avenue. This will require the placement of nil to three feet of fill to establish the site grades.

No building load information was provided to us. For the purposes of this evaluation it has been assumed that column loads will be less than 150 kips and wall load less than 2 kips per foot.

GEOTECHNICAL CHARACTERIZATION

We have developed a general characterization of the subsurface conditions based upon our review of the subsurface exploration, geologic setting and our understanding of the project. This characterization, termed GeoModel, forms the basis of our geotechnical calculations and evaluation of site preparation and foundation options. Conditions encountered at each exploration point are indicated on the individual logs. The individual logs can be found in the **Exploration Results** and the GeoModel in the **Figures** sections of this report.

As part of our analyses, we identified the following model layers within the subsurface profile. For a more detailed view of the model layer depths at each boring location, refer to the GeoModel. Overall, these conditions were relatively similar to those expected based upon the USDA Albany County Soil Survey and our previous site explorations as discussed in the preceding section of this report.

Model Layer	Layer Name	General Description
1	**Surficial Materials**	Topsoil
2	**Native Soils**	Clayey Silt with varying amount sand and gravel
3	**Bedrock**	Shale or Limestone

The topsoil depths at the test locations were in the range of 2 to 6 inches. The underlying clayey silt layer extended to the surface of bedrock found at depths of 2.2 to 4.8 feet as tabulated below. The upper 12 to 24 inches of the clayey silt was of a soft consistency, and at greater depths the soils became medium stiff to very stiff consistency. The borings were ended when sample spoon and/or auger refusal was met at depths in the range of 2.4 to 5.1 feet. No coring was performed to determine the composition of the bedrock, however, based upon published geologic mapping the rock should be composed of limestone or shale.

Boring No.	Ground Surface El. (ft)	Bedrock Surface Depth (ft)	Bedrock Surface El. (ft)
B-1	199.2	2.2	197.0
B-2	198.6	3.0	195.6
B-3	198.4	4.8	193.6
B-4	198.3	3.0	195.3
B-5	198.0	3.5	194.5
B-6	197.4	3.0	194.4
B-7	197.7	4.7	193.0
B-8	197.2	3.0	194.2

Note: Elevations are referenced to the rim of a catch-basin southwest from the proposed building pad. A rim elevation equal to 195.24 feet was assumed based upon site plans provided to us.

Groundwater was present only in test boring B-1 where it appeared to be perched over the bedrock surface at a depth of 2.3 feet. No measurable groundwater or wet soil samples were found in the remaining test borings.

Fluctuations in groundwater level may occur because of seasonal variations in the amount of rainfall, runoff, and other factors that may differ from those present at the time the explorations were performed. Additionally, grade adjustments on and around the site, as well as surrounding drainage improvements, may affect the water table.

GEOTECHNICAL OVERVIEW

The site was found to be covered with about two to five feet of clayey silt overlying bedrock. Because nil to about three feet of fill may be placed to establish the ground floor elevation, conventional shallow spread foundations which are set at the standard frost depth may bear upon a combination of bedrock and native clayey silt soil up to a few feet thick. This condition should be acceptable provided that the foundations are designed for a soil bearing pressure, the bearing surfaces are prepared as recommended in the following report sections, and differential settlements up to about one-half inch between soil and rock bearing foundations can be tolerated.

It should be noted that the upper one or two feet of soil at this site may be very soft and unstable, particularly if wet weather conditions prevail prior to and/or during construction. Contingencies should be included in the project budgets for undercutting and replacement of soft subgrade soils. The

quantity of undercutting required can be reduced by planning for the site development during a seasonal dry period if this is possible. The soft subgrade conditions will also require a thicker than normal pavement section along with installation of edge drains and/or swales.

The following sections of this report provide more detailed recommendations to assist in planning for the geotechnical related aspects of the project. We should be provided with the opportunity to review plans and specifications prior to their release for bidding to confirm that our recommendations were properly understood and implemented, and to allow us to refine our recommendations, if warranted, based upon the final design. The **General Comments** section provides an understanding of the report limitations.

SEISMIC CONSIDERATIONS

The seismic design requirements for buildings and other structures are based on Seismic Design Category. Site Classification is required to determine the Seismic Design Category for a structure. The Site Classification is based on the upper 100 feet of the site profile defined by a weighted average value of either shear wave velocity, standard penetration resistance, or undrained shear strength in accordance with Section 20.4 of ASCE 7 and the International Building Code (IBC).

Seismic Site Classification

Based on the soil properties encountered at the site and as described on the exploration logs and the results of shear wave velocity testing completed in similar subsurface profiles in the general project area, it is our professional opinion that the **Seismic Site Classification is B**. Subsurface explorations at this site were extended to a maximum depth of about 5 feet. The site properties below the boring depth to 100 feet were estimated based on our experience and knowledge of geologic conditions of the general area.

Liquefaction

Liquefaction of the soils should not occur in response to earthquake motions.

EARTHWORK

Earthwork is anticipated to include stripping of topsoil, proof-rolling and stabilization of the subgrade surfaces, and associated fill and backfill work. The following sections provide recommendations for use in the preparation of specifications for the work. Recommendations include critical quality criteria, as necessary, to render the site in the state considered in our geotechnical engineering evaluation for foundations, floor slabs and pavements.

Construction site safety is the sole responsibility of the contractor who controls the means, methods, and sequencing of construction operations. Under no circumstances shall the

information provided herein be interpreted to mean Terracon is assuming responsibility for construction site safety, or the contractor's activities; such responsibility shall neither be implied nor inferred.

Site Preparation

If possible, site preparation should be planned during a seasonal dry period to reduce the adverse impacts of soft/wet subgrade conditions on the construction activities. The contractors should take precautions to maintain the subgrades in a relatively dry and firm condition. This may include sloping the subgrade surfaces to promote runoff away from the site, installation of interceptor trenches or drainage swales if necessary to divert surface runoff or perched groundwater away from the site, and restricting construction equipment from travelling directly over the subgrade soils when they are wet.

Site preparation should begin with clearing and stripping of the topsoil and surficial organic matter from the building pad and pavement areas. Prior to placing fills to raise site grades and/or after cuts are made to the plan subgrade elevations, the subgrades should be proof-rolled using a steel drum roller with a static weight of at least ten tons. The roller should operate in its non-vibratory mode, unless requested otherwise by the Geotechnical Engineer observing the work, and travel at a speed not exceeding three feet per second (two miles per hour). Soft areas identified by the proof-rolling should be investigated to determine the cause and stabilized accordingly.

It should be understood the subgrade soils were soft at the time of investigation and undercuts may be required and should be planned for to establish a more stable base for construction.

Fill Material Types

Imported Structural Fill should be used as fill and backfill within the proposed building pad and pavement areas. The imported fill should consist of bank-run sand and gravel which meets the limits of gradation given below. The imported materials should be free of recycled concrete, asphalt, bricks, glass, and pyritic shale rock.

IMPORTED STRUCTURAL FILL

Sieve Size	Percent Finer
3"	100
¼"	30 to 75
No. 40	5 to 40
No. 200	0 to 10

The on-site soils are not suitable for reuse and should be wasted off-site or in landscape areas only.

Fill Compaction Requirements

Fills beneath the building pad and pavements should be placed in uniform loose layers no more than about one-foot thick where heavy vibratory compaction equipment is used. Smaller lifts should be used where hand operated equipment is required for compaction. Each lift should be compacted to no less than 95 percent of the maximum dry density for the soil which is established by the Modified Proctor Compaction Test, ASTM D1557. In landscape areas, the compaction may be reduced to 90 percent of maximum dry density.

Temporary Excavation Slopes

As a minimum, temporary excavations should be performed in accordance with OSHA 29 CFR, Part 1926, Subpart P, "Excavations" and its appendices, for an OSHA Type B soil, and in accordance with any applicable local, and/or state regulations. The contractor should be aware that slope height, slope inclination, and excavation depth should in no instance exceed OSHA regulations. Steeper temporary slopes may be allowable if excavations are made into the bedrock. The allowable slope in rock should be determined by the Geotechnical Engineer based upon the conditions exposed in the excavations. OSHA regulations are strictly enforced and if they are not followed, the owner, contractor, and/or earthwork and utility subcontractor could be liable and subject to substantial penalties.

Construction Observation and Testing

The earthwork efforts should be monitored under the direction of the Geotechnical Engineer. Monitoring should include documentation of adequate removal of topsoil and unsuitable soils, proof-rolling, and mitigation of areas delineated by the proof-roll to require mitigation.

Each lift of compacted fill should be tested, evaluated, and reworked, as necessary, until approved by the Geotechnical Engineer prior to placement of additional lifts. Each lift of fill should be tested for density and water content at a frequency of at least one test for every 2,500 square feet of compacted fill in the building areas. One density and water content test should be performed for every 50 linear feet of compacted utility trench backfill.

Foundation bearing grades and subgrades for floor slabs and pavements should be evaluated under the direction of the Geotechnical Engineer. If unanticipated conditions are encountered, the Geotechnical Engineer should prescribe mitigation options.

It should be understood the actual subsurface conditions that exist will only be known when the site is excavated. The continuation of the Geotechnical Engineer into the construction phase of the project will allow for validation of the subsurface conditions assumed to exist for this study and the design recommended in this report, including assessing variations, providing recommendations and reviewing associated design changes.

SHALLOW FOUNDATIONS

If the site has been prepared in accordance with the requirements noted previously in **Earthwork** and below under the **Foundation Construction Considerations**, the following design parameters may be assumed.

Design Parameters – Compressive Loads

Item	Description
Maximum Net Allowable Bearing Pressure [1, 2]	3,000 psf
Required Bearing Stratum [3]	Either bedrock or base of crushed stone placed over undisturbed native soils.
Minimum Foundation Dimensions	Columns: 36 inches Continuous: 18 inches
Ultimate Coefficient of Sliding Friction [4]	0.45 (crushed stone base on native soils) 0.70 (bedrock)
Minimum Embedment below Finished Grade [5]	Exterior footings: 48 inches Interior footings in heated areas: 24 inches [6] Interior footings in unheated areas: 48 inches
Estimated Total Settlement from Structural Loads [2]	Less than about one-half (1/2) inch for soil bearing Negligible for rock bearing
Estimated Differential Settlement [2, 7]	Less than about one-half (1/2) inch

1. The maximum net allowable bearing pressure is the pressure in excess of the minimum surrounding overburden pressure at the footing base elevation. An appropriate factor of safety has been applied.
2. Values provided are for maximum loads noted in **Project Description**. The settlements should occur relatively quickly as construction is completed and each load increment is applied.
3. The bearing grades should be prepared per the recommendations presented below in the **Foundation Construction Considerations**.
4. Can be used to compute sliding resistance where foundations are placed on suitable soil/materials. Should be neglected for foundations subject to net uplift conditions.
5. Embedment necessary to minimize the effects of frost and/or seasonal water content variations.
6. The 24" embedment depth for interior footings does not apply to thickened slabs supporting interior walls. The embedment depth for interior foundations must also comply with local building code regulations.
7. Differential settlements between rock and soil bearing foundations.

Foundation Construction Considerations

The foundation bearing grades should consist either of bedrock which is cleaned of loose soil, mud and rock, or a minimum 12-inch thick base of crushed stone placed over the undisturbed native soils. In the latter case, the native soils should be trimmed to final grade using a backhoe equipped with a smooth-edged bucket. A stabilization fabric (Mirafi 500X or equivalent) should be placed on the subgrade after it is approved by the Geotechnical Engineer. The crushed stone

should be an ASTM C33 Blend 57 aggregate. The stone may be placed as a single lift and its surface thoroughly compacted using a mechanical tamper or reversible plate. The thickness of the crushed stone base may be modified by the Geotechnical Engineer based upon the conditions encountered at the time of construction.

All final bearing grades should be relatively firm, stable, and free of loose soil, mud, water and frost.

The Geotechnical Engineer should approve the condition of the foundation bearing grades immediately prior to placement of the reinforcing steel and concrete.

FLOOR SLABS

Floor Slab Design Parameters

The floor slabs should be constructed upon a minimum 12-inch thick subbase of imported Structural Fill and 6-inch thick base of crushed stone (ASTM C33 Blend 57 aggregate). A vapor retarder, Stego Wrap 15 mil Class A or equivalent, should be placed per ACI 302 and/or ACI 360 guidelines if a moisture sensitive coating or covering will be placed on the slabs. If no moisture sensitive coatings or coverings are planned, the vapor retarder may be deleted, and the base course changed to a crusher-run stone meeting the requirements for NYSDOT Item #304.12.

A vertical modulus of subgrade reaction equal to 150 pounds per cubic inch (pci) at the top of the stone base layer may be assumed for the slab design purposes.

Floor Slab Construction Considerations

Even with the base course and fabric recommended above, we caution that the subgrades may not support repeated heavy construction traffic or lulls without suffering rutting and weaving that may be especially severe during wet seasons. If the grades are to be repeatedly traversed by these types of equipment, they should be reinforced as necessary to support them. Areas which become disturbed should be excavated and stabilized accordingly.

The Geotechnical Engineer should approve the condition of the floor slab subgrades immediately prior to placement of the floor slab support course, reinforcing steel, and concrete. Attention should be paid to high traffic areas that were rutted and disturbed earlier, and to areas where backfilled trenches are located.

PAVEMENTS

General Pavement Comments

Pavement designs are provided for the site assuming the traffic will generally consist of automobiles with occasional delivery type trucks. A critical aspect of pavement performance is site preparation. Pavement designs noted in this section must be applied to the site which has been prepared as recommended in the **Earthwork** section.

The pavement sections recommended below were developed before site grading plans were prepared. A modification of the pavement sections may be possible based upon our review of the grading plans when they are available.

Pavement Section Thicknesses

Assuming the pavements are subject primarily to automobile traffic with occasional light delivery trucks, we suggest the following flexible pavement sections for consideration. The Light Section may be used for automobile parking and Heavy Section for entrance lanes and area subject to repeated truck traffic.

Asphaltic Concrete Design			
Layer	NYSDOT Item Number [1]	Thickness (inches)	
		Light Duty	Heavy Duty
Asphaltic Concrete Top	#402.127303	1.0	1.5
Asphaltic Concrete Binder	#402.257903	2.0	2.5
Crusher-Run Stone Base	#304.12	12 [2]	18 [2]
Stabilization Fabric [3]	N/A	Single Ply	Single Ply

1. All materials should meet the current New York State Department of Transportation (NYSDOT) Standard Specifications for Construction and Materials.
2. The thickness of the base course may be reduced to 6" for Light Duty and 12" for Heavy Duty sections where it is underlain by at least 12" of Imported Structural Fill.
3. Stabilization Fabric should be Mirafi 500X or approved equivalent.

Pavement Drainage

Pavements should be sloped to provide rapid drainage of surface water. Water allowed to pond on or adjacent to the pavements could saturate the subgrade and contribute to premature pavement deterioration. Trench drains and/or swales should be provided along the pavement edges.

Pavement Maintenance

The pavement sections represent minimum recommended thicknesses and, as such, periodic maintenance should be anticipated. Therefore, preventive maintenance should be planned and provided for through an on-going pavement management program. Maintenance activities are intended to slow the rate of pavement deterioration and to preserve the pavement investment. Maintenance consists of both localized maintenance (e.g., crack and joint sealing and patching) and global maintenance (e.g., surface sealing).

Temporary Construction Access Roadways

The recommended pavement sections are not designed to support heavy construction traffic which may require thicker sections. The contractor shall construct temporary haul and construction roadways and routes on site as appropriate for the specific weather conditions and equipment anticipated at the site.

Frost Considerations

It should be understood that sidewalks and pavements constructed upon the site's soils will heave as frost seasonally penetrates the subgrades. The magnitude of the seasonal heave will vary with many factors and result in differential movements. As the frost leaves the ground, the sidewalks and pavements will settle back, but not entirely in all areas, and this may accentuate the differential movements across the pavement areas. Where curbs, walks, and storm drains meet these pavements, these differential heave and settlements may result in undesirable movements and create trip hazards. To limit the magnitude of heave and the creation of these uneven joints to generally tolerable magnitudes for most winters, a 16-inch thick crushed stone base course, composed of Blend 57 aggregate, may be placed beneath the sensitive sidewalk, drive, etc. areas. The stone layer must have an underdrain placed within it.

GENERAL COMMENTS

Our analysis and opinions are based upon our understanding of the project, the geotechnical conditions in the area, and the data obtained from our site exploration. Natural variations will occur between exploration point locations or due to the modifying effects of construction or weather. The nature and extent of such variations may not become evident until during or after construction. Terracon should be retained as the Geotechnical Engineer, where noted in this report, to provide observation and testing services during pertinent construction phases. If variations appear, we can provide further evaluation and supplemental recommendations. If variations are noted in the absence of our observation and testing services on-site, we should be immediately notified so that we can provide evaluation and supplemental recommendations.

Our Scope of Services does not include either specifically or by implication any environmental or biological (e.g., mold, fungi, bacteria) assessment of the site or identification or prevention of pollutants, hazardous materials or conditions. If the owner is concerned about the potential for such contamination or pollution, other studies should be undertaken.

Our services and any correspondence or collaboration through this system are intended for the sole benefit and exclusive use of our client for specific application to the project discussed and are accomplished in accordance with generally accepted geotechnical engineering practices with no third-party beneficiaries intended. Any third-party access to services or correspondence is solely for information purposes to support the services provided by Terracon to our client. Reliance upon the services and any work product is limited to our client and is not intended for third parties. Any use or reliance of the provided information by third parties is done solely at their own risk. No warranties, either express or implied, are intended or made.

Site characteristics as provided are for design purposes and not to estimate excavation cost. Any use of our report in that regard is done at the sole risk of the excavating cost estimator as there may be variations on the site that are not apparent in the data that could significantly impact excavation cost. Any parties charged with estimating excavation costs should seek their own site characterization for specific purposes to obtain the specific level of detail necessary for costing. Site safety, and cost estimating including, excavation support, and dewatering requirements and design are the responsibility of others. If changes in the nature, design, or location of the project are planned, our conclusions and recommendations shall not be considered valid unless we review the changes and either verify or modify our conclusions in writing.

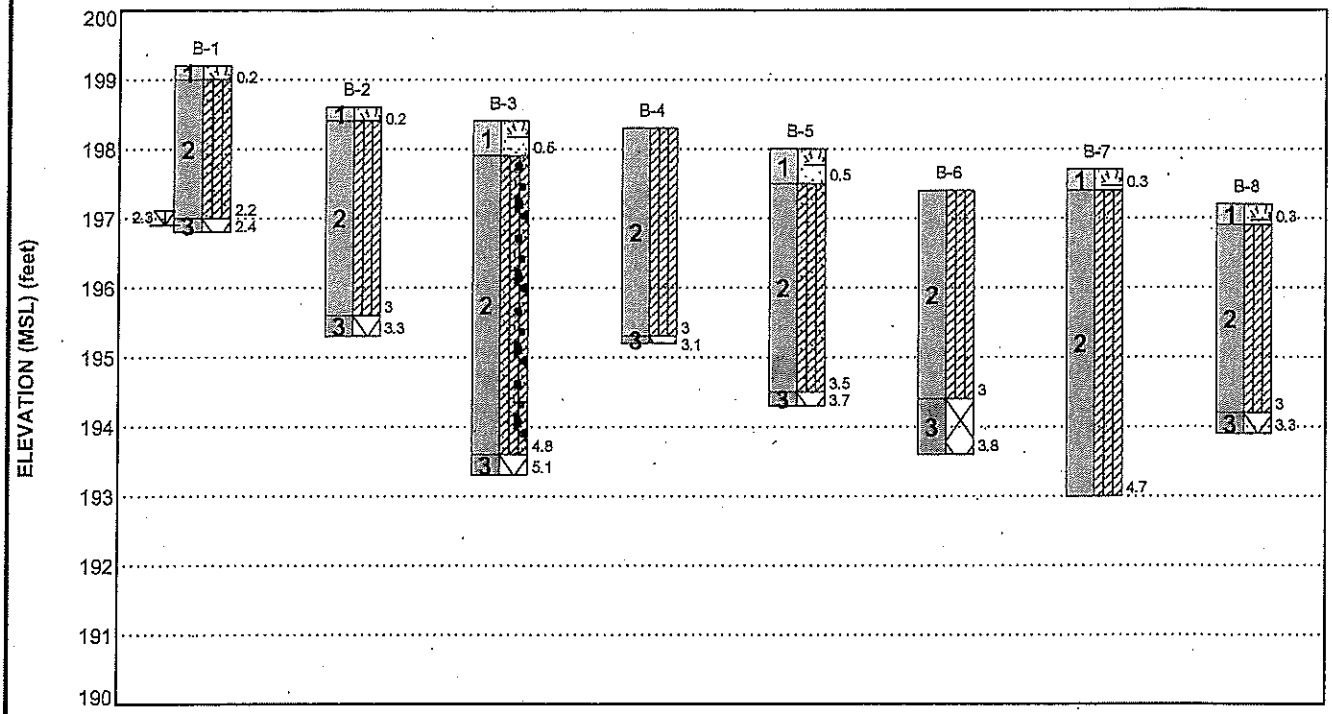
FIGURES

Contents:

GEOMODEL

Vehicle Warehouse ■ Clarksville, New York
Terracon Project No. JB195182

Terracon GeoReport



This is not a cross section. This is intended to display the Geotechnical Model only. See individual logs for more detailed conditions.

Model Layer	Layer Name	General Description
1	Surficial Materials	Topsoil
2	Native Soils	Clayey Silt with varying amount sand and gravel
3	Bedrock	Shale or Limestone

LEGEND

- Topsoil
- Sandy Silty Clay
- Weathered Rock
- Silty Clay
- Sandy Silty Clay with Gravel

▽ Second Water Observation

Groundwater levels are temporal. The levels shown are representative of the date and time of our exploration. Significant changes are possible over time. Water levels shown are as measured during and/or after drilling. In some cases, boring advancement methods mask the presence/absence of groundwater. See individual logs for details.

NOTES:
Layering shown on this figure has been developed by the geotechnical engineer for purposes of modeling the subsurface conditions as required for the subsequent geotechnical engineering for this project. Numbers adjacent to soil column indicate depth below ground surface.

ATTACHMENTS

EXPLORATION AND TESTING PROCEDURES

Field Exploration

Number of Borings	Boring Depth (feet)	Location
8	2.4 to 5.1	Building Pad

Boring Layout and Elevations: The test boring locations were established by Terracon relative to existing site features. Approximate ground surface elevations were obtained by Terracon using standard differential leveling techniques, referenced to a benchmark elevation 195.24 feet for the rim of a catch-basin in the lawn area southwest from the proposed building pad.

Test Boring Subsurface Exploration Procedures: The test borings were made using a standard rotary drill rig equipped with hollow stem augers. As the augers were advanced, the soils were sampled on a nearly continuous basis in accordance with the Standard Method for Penetration Test and Split-Barrel Sampling of Soils, ASTM D1586. In the split-barrel sampling procedure, a standard 2-inch outer diameter split-barrel sampling spoon was driven into the ground by a 140-pound automatic hammer falling a distance of 30-inches. The number of blows required to advance the sampling spoon the middle 12-inches of a normal 24-inch penetration is recorded as the Standard Penetration Test (SPT) resistance value. The SPT resistance values, also referred to as N-values, are indicated on the boring logs at the test depths. The borings were ended when sampling spoon and/or auger refusal was encountered. Upon completion of drilling the boreholes were backfilled with auger cuttings.

Our exploration team prepared field boring logs as part of the drilling operations. These field logs included visual classifications of the materials encountered during drilling and our interpretation of the subsurface conditions between samples. The sampling depths, penetration distances, and other sampling information was recorded on the field boring logs.

The soil samples were placed in appropriate containers and taken to our soil laboratory for classification by a Geotechnical Engineer. Final boring logs were prepared, and they represent the Geotechnical Engineer's interpretation of the field logs and include modifications based on observations and of the samples in our laboratory.

SITE LOCATION AND EXPLORATION PLANS

Contents:

Site Location Plan
Exploration Plan

Note: All attachments are one page unless noted above.

SITE LOCATION
Vehicle Warehouse ■ Clarksville, New York
August 2, 2019 ■ Terracon Project No. JB195182

Terracon GeoReport

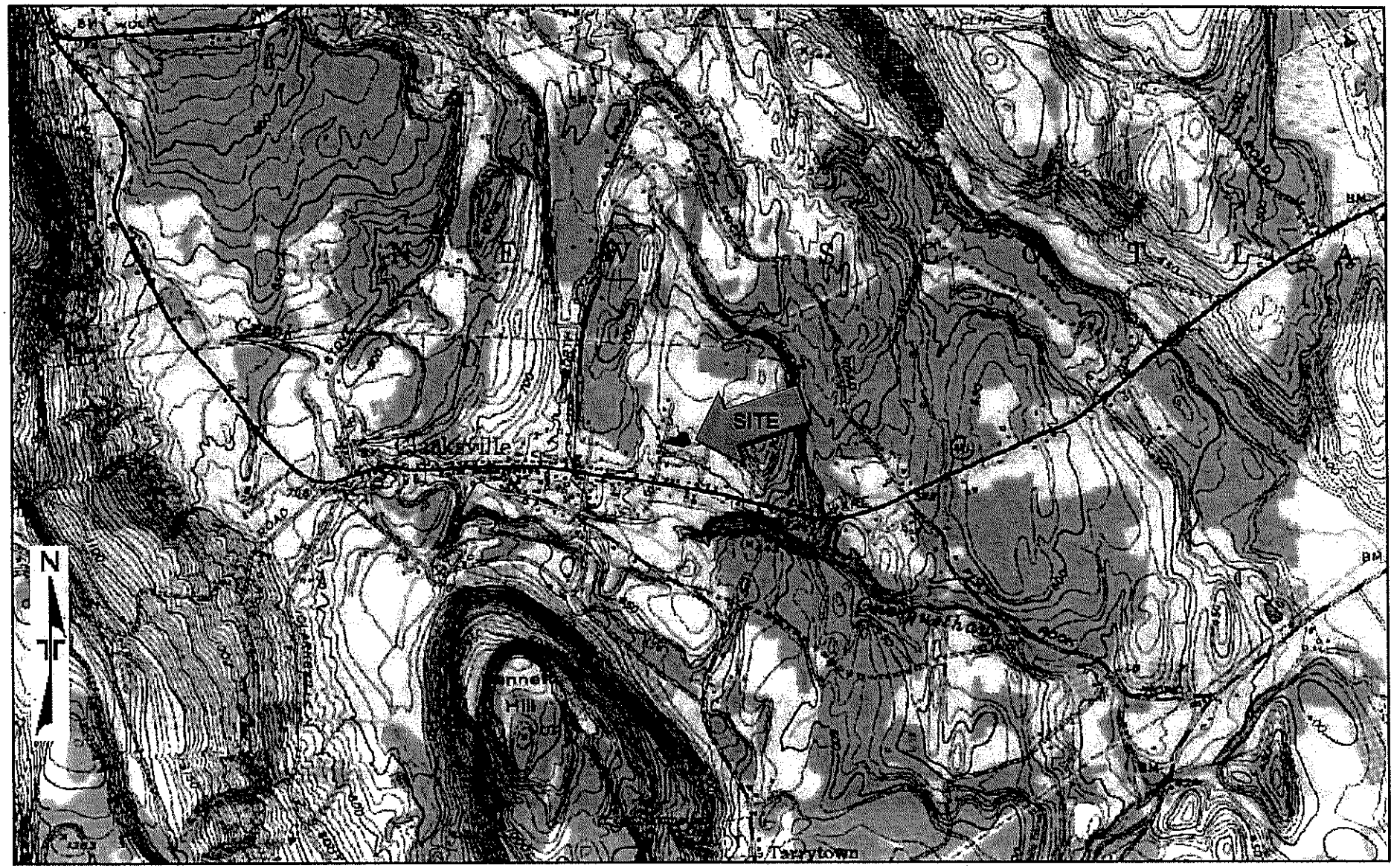


DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

TOPOGRAPHIC MAP IMAGE COURTESY OF THE U.S. GEOLOGICAL SURVEY QUADRANGLES INCLUDE: CLARKSVILLE, NY (1/1/1980).

EXPLORATION PLAN
Vehicle Warehouse ■ Clarksville, New York
August 2, 2019 ■ Terracon Project No. JB195182

Terracon GeoReport

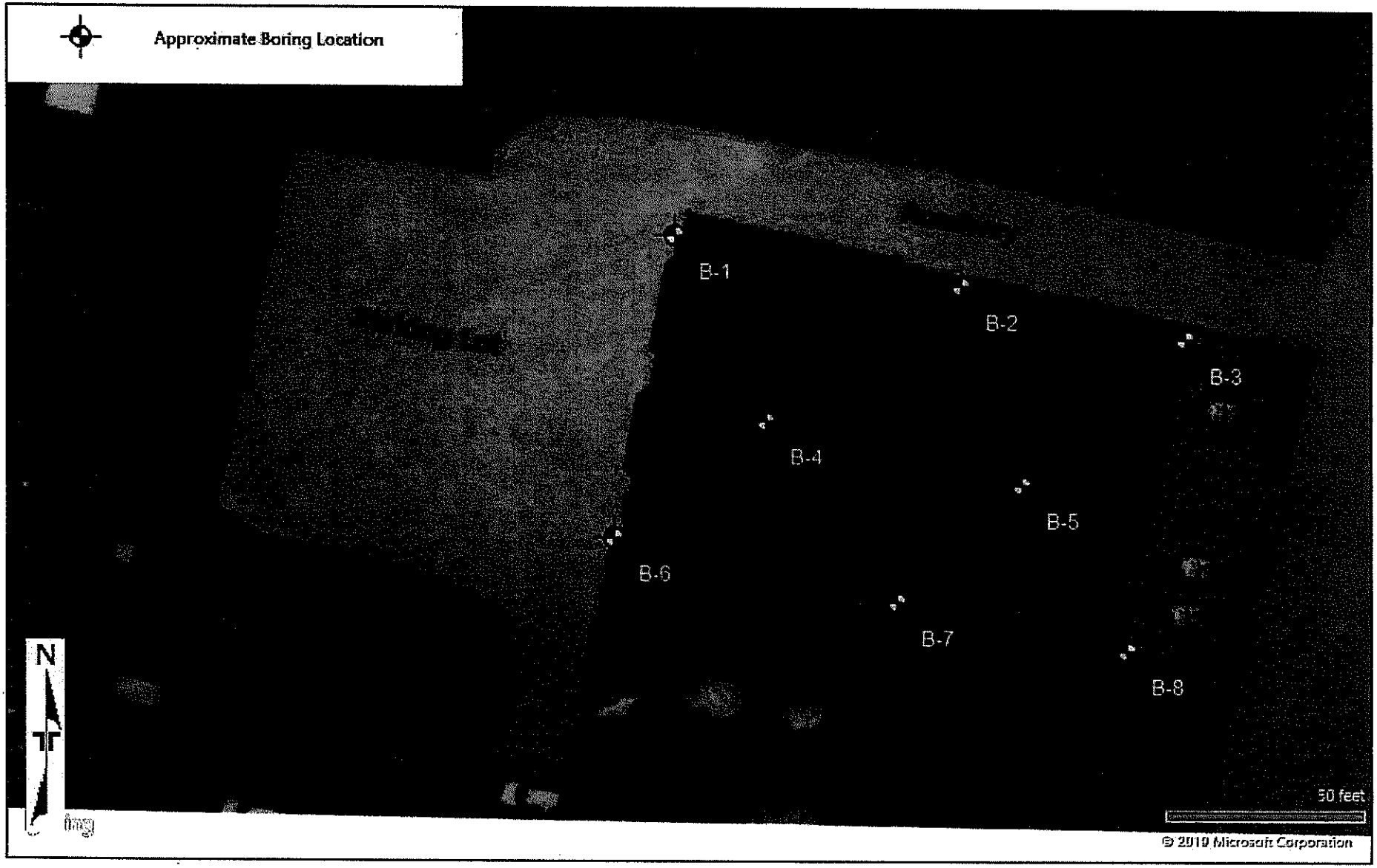


DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

BASED ON AERIAL PHOTOGRAPHY PROVIDED BY MICROSOFT BING MAPS AND THE PROVIDED SITE DEVELOPMENT PLAN.

EXPLORATION RESULTS

Contents:

Boring Logs (B-1 through B-8) (8 pages)

Note: All attachments are one page unless noted above.

BORING LOG NO. B-1

PROJECT: Vehicle Warehouse

CLIENT: SEI Design Group
Albany, New York

SITE: 58 Verda Avenue
Clarksville, New York

MODEL LAYER	GRAPHIC LOG	LOCATION See Exploration Plan Latitude: 42.5773° Longitude: -73.9539° DEPTH	DEPTH (FL)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (in.)	FIELD TEST RESULTS
2		0.2 TOPSOIL CLAYEY SANDY SILT (CL-ML), trace gravel, mottled, brown to gray, moist to wet, medium-stiff				22	1-2-3-4 N=5
		2.2		▽		4	50/4"
3		2.4 SHALE FRAGMENTS, gray, very dense *Sampler Refusal on Bedrock at 2.4 Feet*					

Stratification lines are approximate. In-situ, the transition may be gradual.

Hammer Type: Automatic

Advancement Method:
3 1/4" ID HSA

Abandonment Method:
Boring backfilled with soil cuttings upon completion.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Notes:

WATER LEVEL OBSERVATIONS

▽ *2.3 feet after boring completion*

Terracon
594 Broadway
Watervliet, NY

Boring Started: 07-25-2019	Boring Completed: 07-25-2019
Drill Rig: CME 45	Driller: S. Loiselle
Project No.: JB195182	

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. GEO SMART LOG-NO WELL JB195182 ALBANY CO. SHERIF.GPJ TERRACON_DATATEMPLATE.GDT 8/2/19

BORING LOG NO. B-2

PROJECT: Vehicle Warehouse

CLIENT: SEI Design Group
Albany, New York

SITE: 58 Verda Avenue
Clarksville, New York

MODEL LAYER	GRAPHIC LOG	LOCATION See Exploration Plan Latitude: 42.5772° Longitude: -73.9536° DEPTH	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (in.)	FIELD TEST RESULTS
1		0.2 TOPSOIL					
2		CLAYEY SILT (CL-ML), trace sand and gravel, mottled, brown to gray, moist, soft				12	2-2-2-3 N=4
		3.0				16	3-4-50/3"
3		3.3 SHALE FRAGMENTS, gray, very dense *Sampler Refusal on Bedrock at 3.3 Feet*					

Stratification lines are approximate. In-situ, the transition may be gradual.

Hammer Type: Automatic

Advancement Method:
3 1/4" ID HSA

Abandonment Method:
Boring backfilled with soil cuttings upon completion.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Notes:

WATER LEVEL OBSERVATIONS

No free water observed

Terracon
594 Broadway
Watervliet, NY

Boring Started: 07-25-2019 | Boring Completed: 07-25-2019

Drill Rig: CME 45 | Driller: S. Loiselle

Project No.: JB195182

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. GEO SMART LOG-NO WELL JB195182 ALBANY CO. SHERIF.GPJ TERRACON_DATATEMPLATE.GDT 8/2/19

BORING LOG NO. B-3

PROJECT: Vehicle Warehouse

CLIENT: SEI Design Group
Albany, New York

SITE: 58 Verda Avenue
Clarksville, New York

MODEL LAYER	GRAPHIC LOG	LOCATION See Exploration Plan Latitude: 42.5772° Longitude: -73.9534° DEPTH	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (In.)	FIELD TEST RESULTS
1		0.5 TOPSOIL					
2		CLAYEY SILT WITH SAND AND GRAVEL (CL-ML), mottled, brown to gray, moist, soft to very stiff				19	WH-1-2-4 N=3
						19	3-10-10-12 N=20
		4.8					
3		5.1 SHALE FRAGMENTS, gray, very dense	5			1	50/1"
		Sampler Refusal on Bedrock at 5.1 Feet					

Stratification lines are approximate. In-situ, the transition may be gradual.

Hammer Type: Automatic

Advancement Method:
3 1/4" ID HSA

Abandonment Method:
Boring backfilled with soil cuttings upon completion.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Notes:
WH = Weight of Hammer

WATER LEVEL OBSERVATIONS

No free water observed

Terracon
594 Broadway
Watervliet, NY

Boring Started: 07-25-2019	Boring Completed: 07-25-2019
Drill Rig: CME 45	Driller: S. Loiselle
Project No.: JB195182	

BORING LOG NO. B-4

PROJECT: Vehicle Warehouse

CLIENT: SEI Design Group
Albany, New York

SITE: 58 Verda Avenue
Clarksville, New York

MODEL LAYER	GRAPHIC LOG	LOCATION See Exploration Plan Latitude: 42.5772° Longitude: -73.9538° DEPTH	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (In.)	FIELD TEST RESULTS
2		CLAYEY SILT (CL-ML), trace sand and gravel, mottled, brown to gray, moist, soft			X	22	WH/12"-2-3 N=2
					X	13	3-6-50/1"
3		3.0 3.1 SHALE FRAGMENTS, gray, very dense *Sampler Refusal on Bedrock at 3.1 Feet*					

Stratification lines are approximate. In-situ, the transition may be gradual.

Hammer Type: Automatic

Advancement Method:
3 1/4" ID HSA

Abandonment Method:
Boring backfilled with soil cuttings upon completion.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Notes:
WH = Weight of Hammer

WATER LEVEL OBSERVATIONS

No free water observed

Terracon
594 Broadway
Watervliet, NY

Boring Started: 07-25-2019 | Boring Completed: 07-25-2019

Drill Rig: CME 45 | Driller: S. Loiselle

Project No.: JB195182

BORING LOG NO. B-5

PROJECT: Vehicle Warehouse

CLIENT: SEI Design Group
Albany, New York

SITE: 58 Verda Avenue
Clarksville, New York

MODEL LAYER	GRAPHIC LOG	LOCATION See Exploration Plan Latitude: 42.5771° Longitude: -73.9536° DEPTH	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (in.)	FIELD TEST RESULTS
1		0.5 **TOPSOIL**					
2		**CLAYEY SANDY SILT (CL-ML)**, trace gravel, brown, moist, medium-stiff				8	WH-2-4-6 N=6
						6	5-5-18-50/2" N=23
3		3.5 3.7 **SHALE FRAGMENTS**, gray, very dense ***Sampler Refusal on Bedrock at 3.7 Feet***					

Stratification lines are approximate. In-situ, the transition may be gradual.

Hammer Type: Automatic

Advancement Method:
3 1/4" ID HSA

Abandonment Method:
Boring backfilled with soil cuttings upon completion.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Notes:
WH = Weight of Hammer

WATER LEVEL OBSERVATIONS

No free water observed

Terracon
594 Broadway
Watervliet, NY

Boring Started: 07-25-2019 | Boring Completed: 07-25-2019

Drill Rig: CME 45 | Driller: S. Loiselle

Project No.: JB195182

BORING LOG NO. B-6

PROJECT: Vehicle Warehouse

CLIENT: SEI Design Group
Albany, New York

SITE: 58 Verda Avenue
Clarksville, New York

LOCATION See Exploration Plan

Latitude: 42.5771° Longitude: -73.9539°

MODEL LAYER	GRAPHIC LOG	DEPTH	DEPTH (FL)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (In.)	FIELD TEST RESULTS
2		CLAYEY SILT (CL-ML), brown, moist, soft				10	1-2-2-4 N=4
		3.0				5	1-4-50/4"
3		SHALE FRAGMENTS, gray, very dense 3.8					
		Auger and Sampler Refusal on Bedrock at 3.8 Feet				0	50/0"

Stratification lines are approximate. In-situ, the transition may be gradual.

Hammer Type: Automatic

Advancement Method:
3 1/4" ID HSA

Abandonment Method:
Boring backfilled with soil cuttings upon completion.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Notes:

WATER LEVEL OBSERVATIONS

No free water observed

Terracon
594 Broadway
Watervliet, NY

Boring Started: 07-25-2019 | Boring Completed: 07-25-2019

Drill Rig: CME 45 | Driller: S. Loiselle

Project No.: JB195182

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. GEO SMART LOG-NO WELL JB195182 ALBANY CO. SHERIF.GPJ TERRACON_DATATEMPLATE.GDT 8/2/19

BORING LOG NO. B-7

PROJECT: Vehicle Warehouse

CLIENT: SEI Design Group
Albany, New York

SITE: 58 Verda Avenue
Clarksville, New York

MODEL LAYER	GRAPHIC LOG	LOCATION See Exploration Plan Latitude: 42.577° Longitude: -73.9537° DEPTH	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (In.)	FIELD TEST RESULTS
		0.3 TOPSOIL					
		CLAYEY SILT (CL-ML), trace sand and gravel, mottled, brown to brown, moist, soft to very stiff				19	1-2-2-4 N=4
						20	3-6-17-9 N=23
		4.7				0	50/0"
		No sample recovery at 4.7 feet *Auger and Sampler Refusal on Bedrock at 4.7 Feet*					

Stratification lines are approximate. In-situ, the transition may be gradual.

Hammer Type: Automatic

Advancement Method:
3 1/4" ID HSA

Abandonment Method:
Boring backfilled with soil cuttings upon completion.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Notes:

WATER LEVEL OBSERVATIONS

No free water observed

Terracon
594 Broadway
Watervliet, NY

Boring Started: 07-25-2019 | Boring Completed: 07-25-2019

Drill Rig: CME 45 | Driller: S. Loiselle

Project No.: JB195182

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. GEO SMART LOG-NO WELL JB195182 ALBANY CO. SHERIF.GPJ TERRACON_DATATEMPLATE.GDT 8/2/19

BORING LOG NO. B-8

PROJECT: Vehicle Warehouse

CLIENT: SEI Design Group
Albany, New York

SITE: 58 Verda Avenue
Clarksville, New York

LOCATION See Exploration Plan

Latitude: 42.577° Longitude: -73.9535°

MODEL LAYER	GRAPHIC LOG	DEPTH		DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (In.)	FIELD TEST RESULTS
1		0.3	TOPSOIL					
2			CLAYEY SILT (CL-ML), trace sand and gravel, mottled, brown to gray, moist, soft				14	WH/12"-2-3 N=2
		3.0					14	5-6-50/3"
3		3.3	SHALE FRAGMENTS, gray, very dense					
			Sampler Refusal on Bedrock at 3.3 Feet					

Stratification lines are approximate. In-situ, the transition may be gradual.

Hammer Type: Automatic

Advancement Method:
3 1/4" ID HSA

Abandonment Method:
Boring backfilled with soil cuttings upon completion.

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Notes:
WH = Weight of Hammer

WATER LEVEL OBSERVATIONS

No free water observed

Terracon
594 Broadway
Watervliet, NY

Boring Started: 07-25-2019 | Boring Completed: 07-25-2019

Drill Rig: CME 45 | Driller: S. Loiselle

Project No.: JB195182

SUPPORTING INFORMATION

Contents:

Note: All attachments are one page unless noted above.

GENERAL NOTES

DESCRIPTION OF SYMBOLS AND ABBREVIATIONS

Vehicle Warehouse ■ Clarksville, New York

Terracon Project No. JB195182

Terracon GeoReport

SAMPLING	WATER LEVEL	FIELD TESTS
Split Spoon	Water Initially Encountered Water Level After a Specified Period of Time Water Level After a Specified Period of Time Water levels indicated on the soil boring logs are the levels measured in the borehole at the times indicated. Groundwater level variations will occur over time. In low permeability soils, accurate determination of groundwater levels is not possible with short term water level observations.	N Standard Penetration Test Resistance (Blows/Ft.) (HP) Hand Penetrometer (T) Torvane (DCP) Dynamic Cone Penetrometer UC Unconfined Compressive Strength (PID) Photo-Ionization Detector (OVA) Organic Vapor Analyzer

DESCRIPTIVE SOIL CLASSIFICATION

Soil classification is based on the Unified Soil Classification System. Coarse Grained Soils have more than 50% of their dry weight retained on a #200 sieve; their principal descriptors are: boulders, cobbles, gravel or sand. Fine Grained Soils have less than 50% of their dry weight retained on a #200 sieve; they are principally described as clays if they are plastic, and silts if they are slightly plastic or non-plastic. Major constituents may be added as modifiers and minor constituents may be added according to the relative proportions based on grain size. In addition to gradation, coarse-grained soils are defined on the basis of their in-place relative density and fine-grained soils on the basis of their consistency.

LOCATION AND ELEVATION NOTES

Unless otherwise noted, Latitude and Longitude are approximately determined using a hand-held GPS device. The accuracy of such devices is variable. Surface elevation data annotated with +/- indicates that no actual topographical survey was conducted to confirm the surface elevation. Instead, the surface elevation was approximately determined from topographic maps of the area.

STRENGTH TERMS

RELATIVE DENSITY OF COARSE-GRAINED SOILS (More than 50% retained on No. 200 sieve.) Density determined by Standard Penetration Resistance		CONSISTENCY OF FINE-GRAINED SOILS (50% or more passing the No. 200 sieve.) Consistency determined by laboratory shear strength testing, field visual-manual procedures or standard penetration resistance		
Descriptive Term (Density)	Standard Penetration or N-Value Blows/Ft.	Descriptive Term (Consistency)	Unconfined Compressive Strength Qu, (tsf)	Standard Penetration or N-Value Blows/Ft.
Very Loose	0 - 3	Very Soft	less than 0.25	0 - 1
Loose	4 - 9	Soft	0.25 to 0.50	2 - 4
Medium Dense	10 - 29	Medium Stiff	0.50 to 1.00	4 - 8
Dense	30 - 50	Stiff	1.00 to 2.00	8 - 15
Very Dense	> 50	Very Stiff	2.00 to 4.00	15 - 30
		Hard	> 4.00	> 30

RELATIVE PROPORTIONS OF SAND AND GRAVEL		RELATIVE PROPORTIONS OF FINES	
Descriptive Term(s) of other constituents	Percent of Dry Weight	Descriptive Term(s) of other constituents	Percent of Dry Weight
Trace	<15	Trace	<5
With	15-29	With	5-12
Modifier	>30	Modifier	>12
GRAIN SIZE TERMINOLOGY		**PLASTICITY DESCRIPTION**	
Major Component of Sample	Particle Size	Term	Plasticity Index
Boulders	Over 12 in. (300 mm)	Non-plastic	0
Cobbles	12 in. to 3 in. (300mm to 75mm)	Low	1 - 10
Gravel	3 in. to #4 sieve (75mm to 4.75 mm)	Medium	11 - 30
Sand	#4 to #200 sieve (4.75mm to 0.075mm	High	> 30
Silt or Clay	Passing #200 sieve (0.075mm)		

UNIFIED SOIL CLASSIFICATION SYSTEM

Terracon GeoReport

Criteria for Assigning Group Symbols and Group Names Using Laboratory Tests [A]					Soil Classification	
					Group Symbol	Group Name [B]
Coarse-Grained Soils: More than 50% retained on No. 200 sieve	**Gravels:** More than 50% of coarse fraction retained on No. 4 sieve	**Clean Gravels:** Less than 5% fines [C]	$Cu \geq 4$ and $1 \leq Cc \leq 3$ [E]		GW	Well-graded gravel [F]
			$Cu < 4$ and/or [$Cc<1$ or $Cc>3.0$] [E]		GP	Poorly graded gravel [F]
		Gravels with Fines: More than 12% fines [C]	Fines classify as ML or MH		GM	Silty gravel [F, G, H]
			Fines classify as CL or CH		GC	Clayey gravel [F, G, H]
	Sands: 50% or more of coarse fraction passes No. 4 sieve	**Clean Sands:** Less than 5% fines [D]	$Cu \geq 6$ and $1 \leq Cc \leq 3$ [E]		SW	Well-graded sand [I]
			$Cu < 6$ and/or [$Cc<1$ or $Cc>3.0$] [E]		SP	Poorly graded sand [I]
		Sands with Fines: More than 12% fines [D]	Fines classify as ML or MH		SM	Silty sand [G, H, I]
			Fines classify as CL or CH		SC	Clayey sand [G, H, I]
Fine-Grained Soils: 50% or more passes the No. 200 sieve	**Silts and Clays:** Liquid limit less than 50	**Inorganic:**	PI > 7 and plots on or above "A"		CL	Lean clay [K, L, M]
			PI < 4 or plots below "A" line [J]		ML	Silt [K, L, M]
		Organic:	Liquid limit - oven dried / Liquid limit - not dried	< 0.75	OL	Organic clay [K, L, M, N] / Organic silt [K, L, M, O]
	Silts and Clays: Liquid limit 50 or more	**Inorganic:**	PI plots on or above "A" line		CH	Fat clay [K, L, M]
			PI plots below "A" line		MH	Elastic Silt [K, L, M]
		Organic:	Liquid limit - oven dried / Liquid limit - not dried	< 0.75	OH	Organic clay [K, L, M, P] / Organic silt [K, L, M, Q]
Highly organic soils:	Primarily organic matter, dark in color, and organic odor				PT	Peat

[A] Based on the material passing the 3-inch (75-mm) sieve.

[B] If field sample contained cobbles or boulders, or both, add "with cobbles or boulders, or both" to group name.

[C] Gravels with 5 to 12% fines require dual symbols: GW-GM well-graded gravel with silt, GW-GC well-graded gravel with clay, GP-GM poorly graded gravel with silt, GP-GC poorly graded gravel with clay.

[D] Sands with 5 to 12% fines require dual symbols: SW-SM well-graded sand with silt, SW-SC well-graded sand with clay, SP-SM poorly graded sand with silt, SP-SC poorly graded sand with clay.

[E] $Cu = D_{60}/D_{10}$ $\quad Cc = \dfrac{(D_{30})^2}{D_{10} \times D_{60}}$

[F] If soil contains ≥ 15% sand, add "with sand" to group name.

[G] If fines classify as CL-ML, use dual symbol GC-GM, or SC-SM.

[H] If fines are organic, add "with organic fines" to group name.

[I] If soil contains ≥ 15% gravel, add "with gravel" to group name.

[J] If Atterberg limits plot in shaded area, soil is a CL-ML, silty clay.

[K] If soil contains 15 to 29% plus No. 200, add "with sand" or "with gravel," whichever is predominant.

[L] If soil contains ≥ 30% plus No. 200 predominantly sand, add "sandy" to group name.

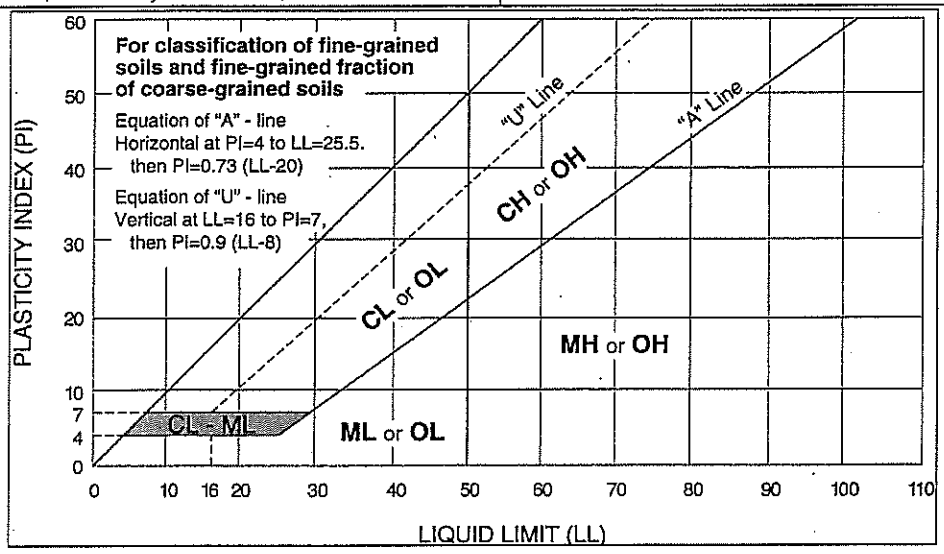
[M] If soil contains ≥ 30% plus No. 200, predominantly gravel, add "gravelly" to group name.

[N] PI ≥ 4 and plots on or above "A" line.

[O] PI < 4 or plots below "A" line.

[P] PI plots on or above "A" line.

[Q] PI plots below "A" line.



COUNTY OF ALBANY

PROPOSAL FORM

PROPOSAL IDENTIFICATION:

Title: **NEW YORK STATE LICENSED ARCHITECT/ENGINEER TO PROVIDE CONSULTING, DESIGN AND CONSTRUCTION ADMINISTRATION SERVICES FOR THE DESIGN OF THE NEW ALBANY COUNTY SHERIFF'S E-911 EMERGENCY MANAGEMENT FACILITY AT THEIR CLARKSVILLE PUBLIC SAFETY CAMPUS**

RFP Number: **2020-098**

THIS PROPOSAL IS SUBMITTED TO:

Karen A. Storm, Purchasing Agent
Albany County Department of General Services
Purchasing Division
112 State Street, Room 1000
Albany, NY 12207

1. The undersigned Proposer proposes and agrees, if this Proposal is accepted, to enter into a Contract with the owner in the form included in the Contract Documents to complete all Work as specified or indicated in the Contract Documents for the Contract Price and within the Contract Time indicated in this Proposal and in accordance with the Contract Documents.

2. Proposer accepts all of the terms and conditions of the Instructions to Proposers, including without limitation those dealing with the Disposition of Proposal Security. This Proposal may remain open for ninety (90) days after the day of Proposal opening. Proposer will sign the Contract and submit the Contract Security and other documents required by the Contract Documents within fifteen days after the date of County's Notice of Award.

3. In submitting this Proposal, Proposer represents, as more fully set forth in this Contract, that:

   (a) Proposer has examined copies of all the Contract Documents and of the following addenda: (If none, so state)

   Date Number

   (receipt of all of which is hereby acknowledges) and also copies of the Notice to Proposers and the Instructions to Proposers;

   (b) Proposer has examined the site and locality where the Work is to be performed, the legal requirements (federal, state and local laws, ordinances, rules and regulations) and the conditions affecting cost, progress or performance of the

Work and has made such independent investigations as Proposer deems necessary;

(c) This Proposal is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; Proposer has not directly or indirectly induced or solicited any other Proposer to submit a false or sham Proposal; PROPOSER has not solicited or induced any person, firm or a corporation to refrain from Proposing; and Proposer has not sought by collusion to obtain for himself any advantage over any other Proposer or over the owner.

4. Proposer will complete the Work for the following prices(s): (Attach Proposal)

5. Proposer agrees to commence the Work within the number of calendar days or by the specific date indicated in the Contract. Proposer agrees that the Work will be completed within the number of Calendar days or by the specific date indicated in the contract.

6. The following documents are attached to and made a condition of this Proposal:

(a) Non-Collusive Bidding Certificate (Attachment "A")

(b) Acknowledgment by Bidder (Attachment "B")

(c) Vendor Responsibility Questionnaire (Attachment "C")

(d) Iranian Energy Divestment Certification (Attachment "D")

7. Communication concerning this Proposal shall be addressed to:

_____

_____

_____

Phone: _____

8. Terms used in this Proposal have the meanings assigned to them in the Contract and General Provisions.

COUNTY OF ALBANY

COST PROPOSAL FORM

PROPOSAL IDENTIFICATION:
Title: **NEW YORK STATE LICENSED ARCHITECT/ENGINEER TO PROVIDE CONSULTING, DESIGN AND CONSTRUCTION ADMINISTRATION SERVICES FOR THE DESIGN OF THE NEW ALBANY COUNTY SHERIFF'S E-911 EMERGENCY MANAGEMENT FACILITY AT THEIR CLARKSVILLE PUBLIC SAFETY CAMPUS**

RFP Number: **2020-098**
New E-911 Emergency Management Facility Project

a. Design Development Phase $_____

b. Construction Document Phase $_____

c. Bidding and Contract Negotiation phase $_____

d. Contract Administration Phase $_____

NOT TO EXCEED TOTAL LUMP SUM FEE (a+b+c+d)
$_____
(All reimbursable expenses must be included in total lump sum fee)

e. **Alternate Fee – Construction Management Phase** $_____

COMPANY: _____

ADDRESS: _____

CITY, STATE, ZIP: _____

TEL. NO.: _____

FEDERAL TAX ID NO.: _____

REPRESENTATIVE: _____

E-MAIL: _____

SIGNATURE AND TITLE _____

DATE: _____

ATTACHMENT "A"
NON-COLLUSIVE BIDDING CERTIFICATE PURSUANT TO SECTION 103-D OF THE NEW YORK STATE GENERAL MUNICIPAL LAW

A. By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid, each party thereto certifies as to its own organizations, under penalty of perjury, that to the best of knowledge and belief:

(1) The prices in this bid have been arrived at independently without collusion, consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor.

(2) Unless otherwise required by law, the prices which have been quoted in this bid have not knowingly been disclosed by the bidder and will not knowingly be disclosed by the bidder, directly or indirectly, prior to opening, to any bidder or to any competitor.

(3) No attempt has been made or will be made by the bidder to induce any other person, partnership or corporation to submit or not to submit a bid for the purpose of restricting competition.

A bid shall not be considered for award nor shall any award be made where (1), (2), and (3) above have not been complied with; provided, however, that in any case the bidder cannot make the foregoing certification, the bidder shall so state and shall furnish with the bid a signed statement which sets forth in detail the reasons thereof. Where (1), (2), and (3) above have not been complied with, the bid shall not be considered for any award nor shall any award be made unless the head of the Purchasing Unit to the political subdivision, public department , agency or official thereof to which the bid is made, or his designee, determines that such disclosure was not made for the purpose of restricting competition.

The fact that a bidder (a) has published price lists, rates, or tariffs covering items being procured, (b) has informed prospective customer of proposed or pending publication of new or revised price lists for such items, or (c) has sold the same items to other customers at the same prices being bid, does not constitute, without more, a disclosure within the meaning of paragraph "A" above.

B. Any bid hereafter made to any political subdivision of the state or any public department, agency or official thereof by a corporate bidder for work or services performed or to be performed or goods sold or to be sold, where competitive bidding is required by statute, rule, regulation, local law, and where such bid contains the certification referred to in paragraph "A" of this section, shall be deemed to have been authorized by the Board of Directors of the bidder, and such authorization shall be deemed to include the submission of the bid and the inclusion therein of the certificate as to non-collusion as the act and deed of the corporation

_____
Signature

_____
Title

_____
Date

_____
Company Name

ATTACHMENT "B"
ACKNOWLEDGMENT BY PROPOSER

If Individual or Individuals:

STATE OF _____)
COUNTY OF _____) **SS.:**

On this _____day of _____, 20____, before me personally appeared _____ to me known and known to me to be the same person(s) described in and who executed the within instrument, and he (or they severally) acknowledged to me that he (or they) executed the same.

_____

Notary Public, State of _____

Qualified in _____

Commission Expires _____

If Corporation:

STATE OF _____)
COUNTY OF _____) **SS.:**

On this _____day of _____, 20____, before me personally appeared _____ to me known, who, being by me sworn, did say that he resides at (give address) _____; that he is the (give title) _____ of the (name of corporation) _____, the corporation described in and which executed the above instrument; that he knows the seal of the corporation, and that the seal affixed to the instrument is such corporate seal; that it was so affixed by order of the board of directors of the corporation, and that he signed his name thereto by like order.

_____

Notary Public, State of _____

Qualified in _____

Commission Expires _____

If Partnership:

STATE OF _____)
COUNTY OF _____) **SS.:**

On the_____day of_____, 20___, before me personally came_____ _____, to me known to be the individual who executed the foregoing, and who, being duly sworn, did depose and say that he / she is a partner of the firm of_____ and that he / she has the authority to sign the same, and acknowledged that he / she executed the same as the act and deed of said partnership.

_____

Notary Public, State of _____

Qualified in _____

Commission Expires _____

ATTACHMENT "C"
ALBANY COUNTY
VENDOR RESPONSIBILITY QUESTIONNAIRE

1. VENDOR IS: ☐ PRIME CONTRACTOR		
2. VENDOR'S LEGAL BUSINESS NAME	3. IDENTIFICATION NUMBERS a) FEIN # b) DUNS #	
4. D/B/A – Doing Business As (if applicable) & COUNTY FIELD:	5. WEBSITE ADDRESS (if applicable)	
6. ADDRESS OF PRIMARY PLACE OF BUSINESS/EXECUTIVE OFFICE	7. TELEPHONE NUMBER	8. FAX NUMBER
9. ADDRESS OF PRIMARY PLACE OF BUSINESS/EXECCUTIVE OFFICE *IN NEW YORK STATE, if different from above*	10. TELEPHONE NUMBER	11. FAX NUMBER
12. AUTHORIZED CONTACT FOR THIE QUESTIONNAIRE Name Title Telephone Number Fax Number e-mail		

13. LIST ALL OF THE VENDOR'S PRINCIPAL OWNERS.

a) NAME	TITLE	b) NAME	TITLE
c) NAME	TITLE	d) NAME	TITLE

A DETAILED EXPLANATION IS REQUIRED FOR EACH QUESTION ANSWERED WITH A "YES," AND MUST BE PROVIDED AS AN ATTACHMENT TO THE COMPLETED QUESTIONNAIRE. YOU MUST PROVIDE ADEQUATE DETAILS OR DOCUMENTS TO AID THE COUNTY IN MAKING A DETERMINATION OF VENDOR RESPONSIBILITY. PLEASE NUMBER EACH RESPONSE TO MATCH THE QUESTION NUMBER.

14. DOES THE VENDOR USE, OR HAS IT USED IN THE PAST FIVE (5) YEARS, ANY OTHER BUSINESS NAME, FEIN, or D/B/A OTHER THAN THOSE LISTED IN ITEMS 2-4 ABOVE? List all other business name(s), Federal Employer Identification Number(s) or any D/B/A names and the dates that these names or numbers were/are in use. Explain the relationship to the vendor. ☐ Yes ☐ No

15. ARE THERE ANY INDIVIDUALS NOW SERVING IN A MANAGERIAL OR CONSULTING CAPACITY TO THE VENDOR, INCLUDING PRICIPAL OWNERS AND OFFICERS, WHO NOW SERVE OR IN THE PAST ONE (1) YEARS HAVE SERVED AS:

a) An elected or appointed public official or officer? ☐ Yes ☐ No
List each individual's name, business title, the name of the organization and position elected or appointed to, and dates of service

b) An officer of any political party organization in Albany County, whether paid or unpaid? ☐ Yes ☐ No
List each individuals name, business title or consulting capacity and the official political position held with applicable service dates.

16. WITHIN THE PAST (5) YEARS, HAS THE VENDOR, ANY INDIVIDUALS SERVING IN MANAGERIAL OR CONSULTING CAPACITY, PRINCIPAL OWNERS, OFFICERS, MAJOR STOCKHOLDER(S) (10% OR MORE OF THE VOTING SHARES FOR PUBLICLY TRADED COMPANIES, 25% OR MORE OF THE SHARES FOR ALL OTHER COMPANIES), AFFLITIATE OR ANY PERSON INVOLVED IN THE BIDDING OR CONTRACTING PROCESS:

a) 1. been suspended, debarred or terminated by a local, state or federal authority in connection with a contract or contracting process; ☐ Yes ☐ No

2. been disqualified for cause as a bidder on any permit, license, concession franchise or lease;

3. entered into an agreement to a voluntary exclusion from bidding/contracting;

4. had a bid rejected on an Albany County contract for failure to comply with the MacBride Fair Employment Principles;

5. had a low bid rejected on a local, state or federal contract for failure to meet statutory affirmative action or M/WBE requirements on a previously held contract;

6. had status as a Women's Business Enterprise, Minority Business Enterprise or Disadvantaged Business Enterprise, de-certified, revoked or forfeited;

7. been subject to an administrative proceeding or civil action seeking specific performance or restitution in connection with any local, state or federal government contract;

8. been denied an award of a local, state or federal government contract, had a contract suspended or had a contract terminated for non-responsibility; or

9. had a local, state or federal government contract suspended or terminated for cause prior to the completion of the term of the contract.

b) been indicted, convicted, received a judgment against them or a grant of immunity for any business-related conduct constituting a crime under local, state or federal law including but not limited to, fraud extortion, bribery, racketeering, price-fixing, bid collusion or any crime related to truthfulness and/or business conduct? ☐ Yes ☐ No

c) been issued a citation, notice, violation order, or are pending an administrative hearing or proceeding or determination of violations of: ☐ Yes ☐ No

1. federal, state or local health laws, rules or regulations.

17. IN THE PAST THREE (3) YEARS, HAS THE VENDOR OR ITS AFFILIATES 1 HAD ANY CLAIMS, JUDGMENTS, INJUNCTIONS, LIENS, FINES OR PENALTIES SECURED BY ANY GOVERNMENTAL AGENCY? ☐ Yes ☐ No
Indicate if this is applicable to the submitting vendor or affiliate. State whether the situation(s) was a claim, judgment, injunction, lien or other with an explanation. Provide the name(s) and address(es) of the agency, the amount of the original obligation and outstanding balance. If any of these items are open, unsatisfied, indicate the status of each item as "open" or "unsatisfied."

18. DURING THE PAST THREE (3) YEARS, HAS THE VENDOR FAILED TO:

a) file returns or pay any applicable federal, state or city taxes? ☐ Yes ☐ No
Identify the taxing jurisdiction, type of tax, liability year(s), and tax liability amount the vendor failed to file/pay and the current status of the liability.

b) file returns or pay New York State unemployment insurance? ☐ Yes ☐ No
Indicate the years the vendor failed to file/pay the insurance and the current status of the liability.

c) Property Tax ☐ Yes ☐ No
Indicate the years the vendor failed to file.

19. HAVE ANY BANKRUPTCY PROCEEDINGS BEEN INITIATED BY OR AGAINST THE VENDOR OR ITS AFFILIATES 1 WITHIN THE PAST SEVEN (7) YEARS (WHETHER OR NOT CLOSED) OR IS ANY BANKRUPTCY PROCEEDING PENDING BY OR AGAINST THE VENDOR OR ITS AFFILIATES REGARDLESS OR THE DATE OF FILING? ☐ Yes ☐ No
Indicate if this is applicable to the submitting vendor or affiliate. If it is an affiliate, include the affiliate's name and FEIN. Provide the court name, address and docket number. Indicate if the proceedings have been initiated, remain pending or have been closed. If closed, provide the date closed.

20. IS THE VENDOR CURRENTLY INSOLVENT, OR DOES VENDOR CURRENTLY HAVE REASON TO BELIEVE THAT AN INVOLUNTARY BANKRUPTCY PROCEEDING MAY BE BROUGHT AGAINST IT? Provide financial information to support the vendor's current position, for example, Current Ration, Debt Ration, Age of Accounts Payable, Cash Flow and any documents that will provide the agency with an understanding of the vendor's situation. ☐ Yes ☐ No

21.	IN THE PAST FIVE (5) YEARS, HAS THE VENDOR OR ANY AFFILIATES[1] :	☐ Yes ☐ No
	a) defaulted or been terminated on, or had its surety called upon to complete, any contract (public or private) awarded;	
	Indicate if this is applicable to the submitting vendor or affiliate. Detail the situation(s) that gave rise to the negative action, any corrective action taken by the vendor and the name of the contracting agency.	

1 "Affiliate" meaning: (a) any entity in which the vendor owns more than 50% of the voting stock; (b) any individual, entity or group of principal owners or officers who own more than 50% of the voting stock of the vendor; or (c) any entity whose voting stock is more than 50% owned by the same individual, entity or group described in clause (b). In addition, if a vendor owns less than 50% of the voting stock of another entity, but directs or has the right to direct such entity's daily operations, that entity will be an "affiliate" for purposes of this questionnaire.

ALBANY COUNTY
VENDOR RESPONSIBILITY QUESTIONNAIRE

FEIN #

State of:)
) ss:
County of:)

CERTIFICATION:

The undersigned: recognizes that this questionnaire is submitted for the express purpose of assisting the County of Albany in making a determination regarding an award of contract or approval of a subcontract; acknowledges that the County may in its discretion, by means which it may choose, verify the truth and accuracy of all statements made herein; acknowledges that intentional submission of false or misleading information may constitute a felony under Penal Law Section 210.40 or a misdemeanor under Penal Law Section 210.35 or Section 210.45, and may also be punishable by a fine and/or imprisonment of up to five years under 18 USC Section 1001 and may result in contract termination; and states that the information submitted in this questionnaire and any attached pages is true, accurate and complete.

The undersigned certifies that he/she:

- Has not altered the content of the questions in the questionnaire in any manner;
- Has read and understands all of the items contained in the questionnaire and any pages attached by the submitting vendor;
- Has supplied full and complete responses to each item therein to the best of his/her knowledge, information ad belief;
- Is knowledgeable about the submitting vendor's business and operations;
- Understands that Albany County will rely on the information supplied in the questionnaire when entering into a contract with the vendor;
- Is under duty to notify the Albany County Purchasing Division of any material changes to the vendor's responses.

Name of Business

Address

City, State, Zip

Signature of Owner _____

Printed Name of Signatory _____

Title

Sworn before me this _____ day of _____, 20___;

_____
Notary Public

_____
Printed Name

_____
Signature

_____
Date

Attachment "D"
Certification Pursuant to Section 103-g
Of the New York State
General Municipal Law

A. By submission of this bid/proposal, each bidder/proposer and each person signing on behalf of any bidder/proposer certifies, and in the case of a joint bid, each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each bidder is not on the list created pursuant to paragraph (b) of subdivision 3 of Section 165-a of the New York State Finance Law.

B. A Bid/Proposal shall not be considered for award, nor shall any award be made where the condition set forth in Paragraph A above has not been complied with; provided, however, that in any case the bidder/proposer cannot make the foregoing certification set forth in Paragraph A above, the bidder/proposer shall so state and shall furnish with the bid a signed statement which sets forth in detail the reasons therefor. Where Paragraph A above cannot be complied with, the Purchasing Unit to the political subdivision, public department, agency or official thereof to which the bid/proposal is made, or his designee, may award a bid/proposal, on a case by case business under the following circumstances:

1. The investment activities in Iran were made before April 12, 2012, the investment activities in Iran have not been expanded or renewed after April 12, 2012, and the Bidder/Proposer has adopted, publicized and is implementing a formal plan to cease the investment activities in Iran and to refrain from engaging in any new investments in Iran; or

2. The political subdivision makes a determination that the goods or services are necessary for the political subdivision to perform its functions and that, absent such an exemption, the political subdivision would be unable to obtain the goods or services for which the contract is offered. Such determination shall be made in writing and shall be a public document.

_____
Signature

_____
Title

_____
Date

_____
Company Name

Sheet MS4-1: Bidder/Proposer Certification Statement (to be used with Section 34 Part A – General Contracts)

As a bidder seeking to provide services on behalf of Albany County, I certify under penalty of law that I understand and agree to comply with the terms and conditions of the New York State Pollutant Discharge Elimination System ("SPDES") General Permit for Stormwater Discharges from Municipal Separate Storm Sewer Systems (MS4 Permit) and Albany County Local Law 7 of 2007, and agree to implement any Best Management Practices or corrective actions identified by Albany County or an authorized representative thereof as necessary to maintain compliance. I understand that Albany County must comply with the terms and conditions of the aforementioned MS4 Permit, and that it is unlawful for any person to directly or indirectly cause or contribute to a violation of water quality standards. I am also aware that County Local Law 7 of 2007 prohibits any activities that cause or contribute to a violation of the County's SPDES permit. Further, I understand that any non-compliance by Albany County will not diminish, eliminate or lessen my own liability.

Name of Third Party Entity: _____

Address: _____

_____

Phone Number(s): _____

Description of activities to be performed by your firm or organization within Albany County are related to the Albany County Storm Water Management Program (SWMP) (include any activities that have the potential to generate or prevent pollution and/or affect water quality):

_____

_____

Description of where the work is to be performed within Albany County facilities:

_____

_____
Signature

_____
Printed Name

_____
Title

_____
Date

H2M architects + engineers
3 Lear Jet Lane, Ste 205
Latham, NY 12110 | tel 518.765.5105

September 11, 2020

Karen A. Storm
Albany County Purchasing Agent
112 State Street, Room 1000
Albany, NY 12207

Request for Proposal – RFP 2020-098, Albany County Sheriff E-911 Emergency Management Facility

Dear Selection Committee,

Thank you for asking **H2M architects + engineers** to submit our proposal for this important new facility. We attended the walk-through at the site and have acknowledged receipt of the Addenda. **Why should the County, Sheriff's Department and end users trust its project to H2M?**

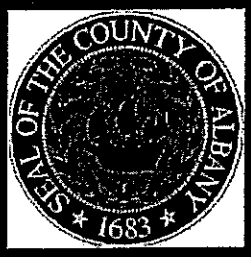
- **Specific Local Expertise for your needs: H2M is a nationally recognized leader in 911 and EOC design.** We have successfully completed other PSAP, EOC and Emergency Management facilities, including the recently opened, state-of-the-art, NFPA 1221 designed Saratoga County Public Safety Facility. Additionally, we are currently designing two other public safety facilities with these same components.

- **Team Dynamics:** H2M has assembled the **same team of professionals** that just completed the Saratoga County Public Safety Facility (SCPSF). We propose to work with **Chazen Companies** for Civil Engineering, landscaping, survey, SEQRA and other site related tasks: **Spring Line Design** (NYS-WBE) Structural Engineering: **Ken A. Hipsky P.E. and RZ Design** Mechanical, Electrical Plumbing (MEP) Fire Protection Engineering, security and data/communications: **Daniel Loucks, P.E.** Geotechnical Engineer: **Fusion Systems Engineering,** Commissioning Agent. As an addition to our team, we propose to include **DACK Consulting Solutions, Inc.** (MBE/WBE) for Cost Estimating. The professionals on our team have completed numerous projects together. Our collaboration is based on mutual respect and a proven ability to work side-by-side focusing on our Client's best interests.

- **CM Services:** Should the County elect to have H2M work directly with a firm for enhanced construction administration, we propose to utilize **AKW Consulting Inc.** AKW worked for H2M and performed on-site coordination of the Owner's vendors, five prime contractors, handled daily construction observation and assisted in punch out and closeout services for SCPSF.

- **Communication:** We steadfastly believe in our Team's ability to listen, garner feedback and respond positively to the County and Sheriff's Department concerns on the layouts, budgets, regulatory requirements, resiliency, flexibility for growth and state-of-the-art equipment.

- **Expertise:** David J. Pacheco, VP and senior designer, was appointed to the ASTM Homeland Security Committee-Emergency Operations Center (EOC) Standards Committee. Mr. Ross is a member of the NFPA Technical Committee for Responder Occupational Health charged with creating the new Standard 1585 which will incorporate all other NFPA health and safety guidelines. Both will bring their knowledge and critical thinking to the benefit of the County and facility.



Proposal for

New York State Licensed Architect/Engineer to Provide Consulting, Design, and Construction Administration Services for the Design of the New Albany County Sheriff's E-911 Emergency Management Facility at their Clarksville Public Safety Campus | RFP No. 2020-098

09.11.2020

Contact

Dennis A. Ross, AIA
Market Director of Emergency Services | Vice President

H2M architects + engineers
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Latham, NY 12110

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518.765.5107

dross@h2m.com

Title Page & Table of Contents

TAB 2

H2M was organized in 1933 and founded on the principles of professional excellence, hard work, and integrity.

Practical Approach. Creative Results.

H2M is a multi-disciplined professional consulting and design firm, proud of our long history of client service and consistent ability to meet tough architectural, engineering, and environmental challenges head-on. Since 1933, H2M has helped plan, design, and build many of our local communities: from firehouses to water treatment facilities, schools to road reconstruction, and Environmental Site Assessments (ESAs) to groundwater remediation. Since our early roots, our focus has remained steadfast: to provide quality service with sound judgment and serve our clients as an honest and professional resource. We offer a practical approach with creative results.

Our Staff

H2M prides itself on the breadth of its comprehensive in-house service capabilities. With a diverse staff of over 470 architects, engineers, surveyors, scientists, planners, landscape architects, and technical support specialists, we offer our clients the benefit of a full "under one roof" consulting network.

- 66 Registered Architects
- 92 Professional Engineers
- 36 LEED Accredited Professionals
- 02 Registered Landscape Architects
- 06 Professional Planners
- 14 LEED Green Associates
- 08 Professional Geologists
- 02 Professional Land Surveyors
- 05 Licensed Site Remediation Professionals

Operating Philosophy

The operating philosophy at H2M is based on the following core values:

Respect
We respect each other's ideas and contributions and are committed to open, honest communication.

Dedication
We are responsive to our clients' needs and go above and beyond to get the job done.

Integrity
We are honest and ethical in our business practices and build trust with our clients and staff.

Teamwork
We cooperate, collaborate and work together as part of a team.

Community
We are committed to the health of our local communities and our legacy.

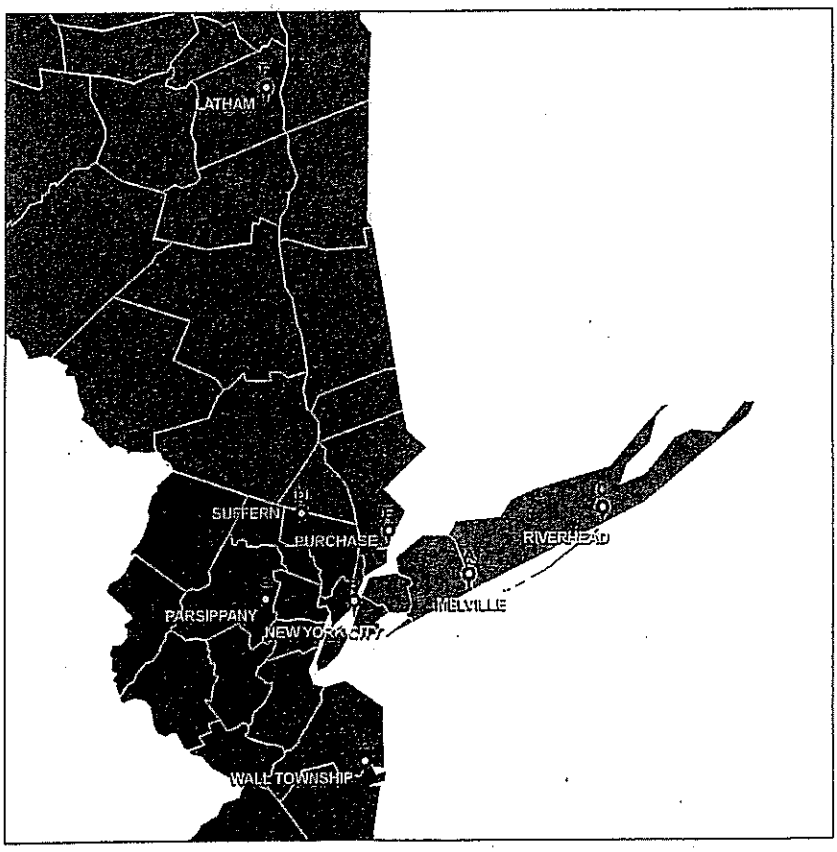
Creativity
We believe in the importance of innovation and seek new, creative, and sustainable project solutions.

Practicality
We are dedicated to providing efficient, cost-effective solutions to our clients' problems.

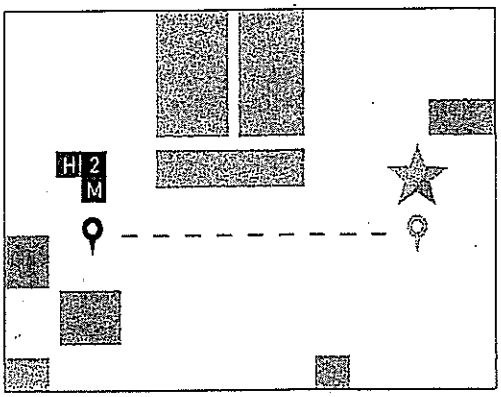
Opportunity
Our success begins with our people. We value organic growth, empowering our employees, and fostering their development.

Office Locations

H2M serves the municipalities, public agencies, private utilities, and industries of the New York/New Jersey Metro Region, with eight office locations.



Distance from our Latham, NY, office to the Clarksville Public Safety Campus: **20 miles**



A 538 Broad Hollow Road, 4th Floor East
Melville, NY 11747

B 132 West 31st St, Suite 604,
New York, NY 10001

C 737 Roanoke Avenue,
Riverhead, NY 11701

D 2 Executive Boulevard, Suite 401,
Suffern, NY 10901

E 2700 Westchester Avenue, Suite 415,
Purchase, NY 10577

F **3 Lear Jet Lane, Suite 205,**
Latham, NY 12110

G 119 Cherry Hill Road, Suite 110,
Parsippany, NJ 07054

H 4810 Belmar Boulevard
Wall Township, NJ 07753

Emergency Services Clients

Albertson H. &L.E.& H. Co.1, Inc.
Atlantic Beach Fire District
Baldwin Fire District
Bayport Fire District
Bay Shore Fire District
Bellmore Fire District
Bellmore-Merrick Volunteer Ambulance Company
Bethpage Fire District
Bohemia Fire District
Brentwood Fire District
Brentwood Legion Ambulance Service
Brookhaven Fire District
Cardinal Joint Fire District, OH
Center Moriches Fire District
Centereach Fire District
Central Islip Fire District
City of Greenfield, MA
City of Lethbridge, AB
City of Lincoln, NE
City of New Rochelle Fire Department
City of New York (FDNY)
City of Norwalk, CT
City of Poughkeepsie
City of Pueblo, CO
City of Jersey City Fire Department, NJ
City of Schenectady
City of Stamford Fire Rescue, CT
Cold Spring Harbor Fire District
Colmar Fire Company, PA
County of Fairfax, VA
County of Saratoga
Copiague Fire District
Cortez Fire Protection District, CO
East Islip Fire District
East Meadow Fire District
East Northport Fire District
Elmont Fire District
Exchange Ambulance of the Islips
Fair Harbor Fire District
Floral Park Fire Department
Fort Washington Fire Company, PA
Franklin Square & Munson Fire District
Garden City Park Fire District
Glenwood Fire Company
Great Barrington Fire Department, MA
Greenlawn Fire District
Guilderland Fire District
Hagerman Fire District
Hampton Bays Fire District
Hauppauge Fire District
Hicksville Fire District
Horsham Township Battalions 1 & 2, PA
Huntington Community First Aid Squad
Huntington Fire District
Huntington Manor Fire District
Islip Fire District
Jericho Fire District
Keene Fire District
Kings Park Fire District
Kingston Fire Department, PA
Lehighton Fire Department, PA
Levittown Fire District
Manhasset-Lakeville Fire District
Manorville Community Ambulance
Manorville Fire District
Massapequa Fire District
Mastic Beach Ambulance Company
Mastic Fire District
Mastic Volunteer Ambulance
Meadowmere Fire District
Melville Fire District
Metuchen Fire Department, NJ
Middle Island Fire District
Mill Creek Fire Company, DE
Millstone Township Fire Company, NJ
Moon Township, PA
Mount Sinai Fire District
Municipality of Bethel Park, PA
New Hyde Park Fire District
New York Air National Guard
Niskayuna Fire District #1
North Amityville Fire Company
North Massapequa Fire District
North Merrick Fire District
North Sea Fire District
Oceanside Fire District
Village of Ocean Beach Fire Department
Perth Amboy Fire Department, NJ
Plainview Volunteer Fire Department
Princeton First Aid & Rescue Squad, NJ
Ridge Fire District
Riverhead Volunteer Ambulance Corp.
Riverhead Fire District
River Oaks Fire & Rescue Squad, VA
Roosevelt Fire District
Roslyn Highlands Hook & Ladder, Engine & Nose Fire Company
Roslyn Rescue Fire Company
Saltaire Fire Department
Seaford Fire District
Setauket Fire Department
Silver Lake Fire District
Sound Beach Fire District
South Farmingdale Fire District
Somerville Fire Department, NJ
Suffolk County Department of Public Works
Suffolk County Sheriff's Department
Stony Brook Fire District
Thompsonville Fire District #2, CT
Ticonderoga Fire District #1 & Town of Ticonderoga Police
Town of Brookhaven
Town of Lexington, MA
Town of Natick, MA
Town of Riverhead
Town of Wilbraham, MA
Uniondale Fire District
Village of Bellerose
Village of Colonie
Village of Farmingdale
Village of Fayetteville
Village of Mamaroneck
Village of Manlius
Village of Rockville Centre
Village of Sea Cliff
Village of Valley Stream
Village of Waterford
Walden Fire District
Westbury Fire District
Westhampton Beach Fire District
Woodmere Fire District
William P. Faist Ambulance Corps.

Bold Clients - Within 50 miles of Albany County

Combination Facilities

Saratoga County, NY – Public Safety Facility

A new 64,000 sq. ft. critical essential service facility combining County Emergency Services, EOC, 911 Call Center, Sheriff, Public Health, and Probation Departments under one roof for efficiencies in space, coordination, communication, emergency power, community training and outreach.

Lethbridge, AB Canada – Fire Headquarters

A new four story 35,500 sq. ft. fire headquarters housing city-wide IT center, regional EOC and PSAP. This NFPA 1221 compliant PSAP with three levels of security covers a large, diverse geographic area. PSAP is self-contained including training pods, main floor, kitchen, restrooms, quiet room and balcony. EOC includes main response floor, tactical breakout, conference space, press briefing and support spaces. PRA was the design architect with Ferrari, Westwood, Babits, Architects in Lethbridge as the local architect of record. PRA programmed, designed, coordinated specialty equipment, security, furniture, systems and assisted in planning the live cut-over.

Town of Charlton, MA – Public Safety Facility

New Municipal 38,000 sq. ft., $25 million Public Safety Facility for Fire and Police, Emergency Management, PSAP and EOC. Construction/design documents will be completed fall of 2020

City of Norwalk, CT - Fire Headquarters

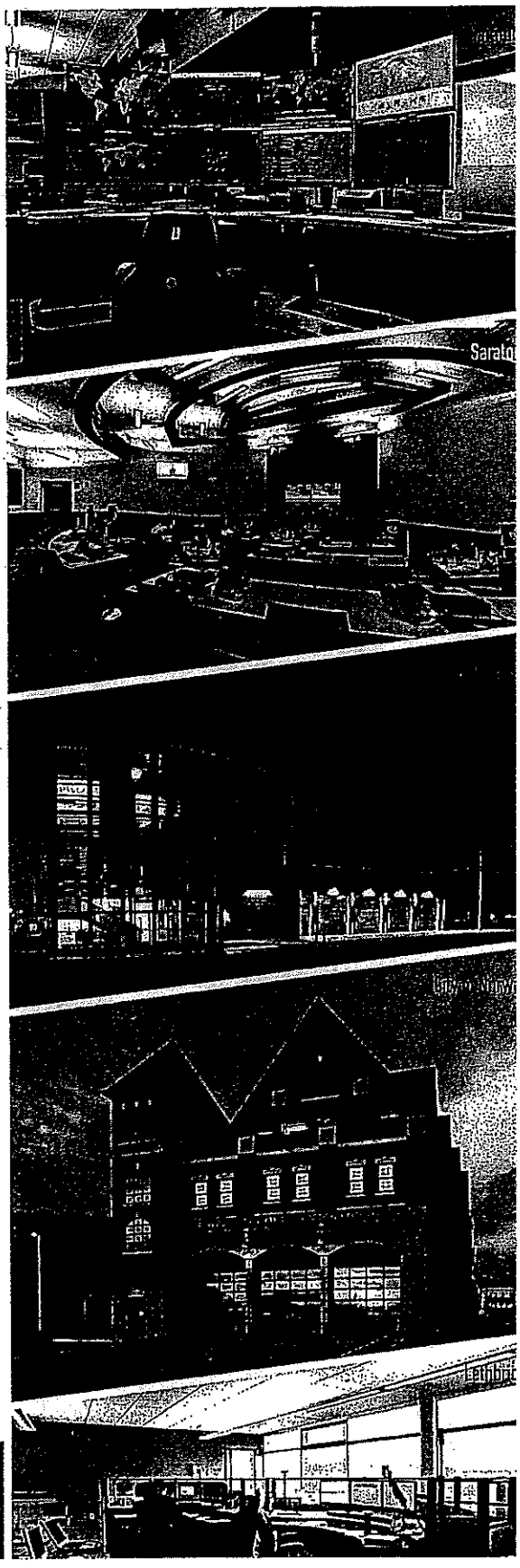
A new three story 35,000 sq. ft. facility housing a regional EOC that interacts directly with Hartford, CT and NYC emergency coverage. EOC includes main response floor, tactical breakout space, press briefing room and classroom. FM-200 city-wide IT center, emergency management department, fire department, fire administration, extensive training requirements and fire marshal offices.

Town of Auburn, MA – Public Safety Facility

New Municipal 45,000 sq. ft., $27.5 million, Safety Facility for Fire, Police and EOC. Programming, multiple site test fits, conceptual design.

City of Mount Vernon, NY

A Federal grant funded EOC. Adaptive retrofit of portions of an existing fire station into a state-of-the-art shelter in place EOC facility. A 5,000 sq. ft. building including a main response floor, tactical breakout rooms, conference space, offices, press briefing room/classroom, IT room radio communications room and support spaces. Utilized ASTM EOC Development standards written in part by David J. Pacheco.



Awards + Honors

Gold Medal

2019 Station Design Award, Firehouse Magazine: Setauket Fire District
2015 Station Design Award, Firehouse Magazine: City of Norwalk Fire HQ. LEED Gold
2013 Station Design Award, Fire Chief Magazine: Fort Washington Fire Company
2012 Station Design Award, Fire Chief Magazine: Niskayuna Fire District #1
2012 Station Design Award, Fire Chief Magazine: City of Lethbridge Fire HQ

Silver Medal

2016 Station Design Award: Mill Creek Fire Company Station #21
2011 Station Design Award, Fire Chief Magazine: Fayetteville Fire Department, LEED

Bronze Medal

2017 Station Design Award, Firehouse Magazine: Guilderland Fire District
2013 Station Design Award, Chief Magazine: Silver Lake District
2010 Station Design Award, Chief Magazine: Great Barrington Fire Station
2007 Station Design Award, Chief Magazine: City of Poughkeepsie Public Safety Facility
2006 Station Design Award, Chief Magazine: Stillwater Fire District

Honor and Merit Awards

2019 FIREHOUSE Notable Design: Cortez Fire Protection District
2018 FIREHOUSE Notable Design: Bethel Park Volunteer Fire Company
2016 F.I.E.R.O. Honor Award, Design Excellence & People's Choice: Norwalk Fire HQ
2015 CT Green Building and LEED-Gold: City of Norwalk Fire HQ
2014 Build CT Honor Award: New Construction – City of Norwalk Fire HQ
2012 F.I.E.R.O. Merit Award, Design Excellence: Village of Fayetteville
2011 ACI Excellence in Masonry Design and Installation: Fayetteville Fire Station
2010 Notable Design: River Oaks Fire and Rescue Station #23
2009 Notable Design: Orangeburg Fire District
2009 Town of DeWitt/East Syracuse FD
2008 Notable Design: Kent Island Volunteer Fire Department
2008 Notable Design: North Amityville Fire Department
2007 Notable Design: Horsham Battalion #2
2007 ACI Excellence in Masonry Design and Installation: Fayetteville Fire Station
Service and Professionalism: Recognized by Mill Creek Fire Company Station #21

Architect of Record: Mitchell-Ross Associates Architects, P.C.

2006 City of Hudson Fire Station – Gold Medal
2005 North Castle Fire District #2, Fire Station – Gold Medal
2003 Cayuga Heights Fire Department – Gold Medal
2002 Verdoy Volunteer Fire Department – Silver Medal
2008 Notable Design: North Amityville Fire Company
2007 Notable Design: Chestertown Volunteer Fire District
2005 Notable Design: Horsham Battalion #1
2004 Notable Design: Herman Volunteer Fire Department