SCOPE OF WORK

Proposed Southern Region Medical Examiner's Office

TLC Building on Vineland Developmental Center West Campus
Vineland, Cumberland County, NJ

Project No. M1619-00

STATE OF NEW JERSEY

Honorable Philip D. Murphy, Governor
Honorable Tahesha L. Way, Lt. Governor

DEPARTMENT OF THE TREASURY

Elizabeth Maher Muoio, Treasurer

DIVISION OF PROPERTY MANAGEMENT AND CONSTRUCTION

Christopher Chianese, Director

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TABLE OF CONTENTS

SECTION **PAGE**

I. OBJECTIVE

The objective of this project is to repurpose (full renovation, small addition, and change of use) the existing Learning Center (TLC) building located on the Vineland Developmental Center (VDC) West Campus to accommodate the proposed Southern Region Medical Examiner's Office (full autopsy space, body refrigeration, laboratory, and office space). A current subdivision of the VDC property will enable this project to be separated from the remaining campus with utility infrastructure to support the new facility. See **Exhibit 'B'** for the project site location map.

II. CONSULTANT QUALIFICATIONS

A. CONSULTANT & SUB-CONSULTANT PRE-QUALIFICATIONS

The Consultant shall be a firm pre-qualified with the Division of Property Management & Construction (DPMC) in the following discipline(s):

- **P001 Architecture**

The Consultant shall also have in-house capabilities or Sub-Consultants pre-qualified with DPMC in:

- **P002 Electrical Engineering**
- **P003 HVAC Engineering**
- **P004 Plumbing Engineering**
- **P005 Civil Engineering**
- **P007 Structural Engineering**
- **P011 Environmental Engineering**
- **P025 Estimating/Cost Analysis**
- **P044 Fire Protection Systems**

As well as, **any and all** other Architectural, Engineering and Specialty Disciplines necessary to complete the project as described in this Scope of Work (SOW).

III. PROJECT BUDGET

A. CONSTRUCTION COST ESTIMATE (CCE)

The initial Construction Cost Estimate (CCE) for this project is $ **33,627,350.**

The Consultant shall review this Scope of Work and provide a narrative evaluation and analysis of the accuracy of the proposed project CCE in its technical proposal based on its professional experience and opinion.

B. CURRENT WORKING ESTIMATE (CWE)

The Current Working Estimate (CWE) for this project is $ **40,890,857.**

The CWE includes the construction cost estimate and all consulting, permitting and administrative fees.

The CWE is the client agency's financial budget based on this project Scope of Work and shall not be exceeded during the design and construction phases of the project unless DPMC approves the change in Scope of Work through a Contract amendment.

C. CONSULTANT'S FEES

The construction cost estimate for this project ***shall not*** be used as a basis for the Consultant's design and construction administration fees. The Consultant's fees shall be based on the information contained in this Scope of Work document and the observations made and/or the additional information received during the pre-proposal meeting.

IV. PROJECT SCHEDULE

A. SCOPE OF WORK DESIGN & CONSTRUCTION SCHEDULE

The following schedule identifies the estimated design and construction phases for this project and the estimated durations.

PROJECT PHASE	**ESTIMATED DURATION (Calendar Days)**
1. Site Access Approvals & Schedule Design Kick-off Meeting	**14**
2. Program Phase	**90**
• *Project Team & DPMC Plan/Code Unit Review & Comment*	14

3. Schematic Design Phase	**70**
• *Project Team & DPMC Plan/Code Unit Review & Comment*	14
4. Design Development Phase	**56**
• *Project Team & DPMC Plan/Code Unit Review & Comment*	30
5. Final Design Phase	**56**
• *Project Team & DPMC Plan/Code Unit Review & Approval*	30
6. Final Design Re-Submission to Address Comments	**7**
• *Project Team & DPMC Plan/Code Unit Review & Approval*	14
7. DCA Submission Plan Review	**30**
8. Permit Application Phase	**7**
• *Issue Plan Release*	
9. Bid Phase	**42**
10. Award Phase	**28**
11. Construction Phase	**500**
12. Project Close Out Phase	**30**

B. CONSULTANT'S PROPOSED DESIGN & CONSTRUCTION SCHEDULE

The Consultant shall submit a project design and construction schedule with its technical proposal that is similar in format and detail to the schedule depicted in **Exhibit 'A'**. The schedule developed by the Consultant shall reflect its recommended project phases, phase activities, activity durations.

A written narrative shall also be included with the technical proposal explaining the schedule submitted and the reasons why and how it can be completed in the time frame proposed by the Consultant.

This schedule and narrative will be reviewed by the Consultant Selection Committee as part of the evaluation process and will be assigned a score commensurate with clarity and comprehensiveness of the submission.

V. PROJECT SITE LOCATION & TEAM MEMBERS

A. PROJECT SITE ADDRESS

The location of the project site is:

Proposed Southern Region Medical Examiner's Office
Vineland Development Center – West Campus
1500 Almond Road
Vineland Township, Cumberland County, New Jersey 08630

See **Exhibit 'B'** for the project site location map.

B. PROJECT TEAM MEMBER DIRECTORY

The following are the names, addresses, and phone numbers of the Project Team members.

1. DPMC Representative:

Name:	Vijay Gandhi, Project Manager
Address:	Division of Property Management & Construction 20 West State Street, 3rd Floor Trenton, NJ 08608-1206
Phone No:	(609)-256-0031
E-Mail:	Vijay.Gandhi@treas.nj.gov

2. Proposed Southern Region Medical Examiner's Office Representatives:

Name:	Paul Ray, Director
Address:	Office of the Chief State Medical Examiner 120 South Stockton Street Trenton, NJ 08625
Phone No:	(609)-376-0565
E-Mail:	Paul.Ray@doh.nj.gov

3. Department of Health Representatives:

Name: Kevin Jennings, Director
Address: Department of Health
55 North Willow Street, Suite 1-003
PO Box: 360
Trenton, New Jersey 08618
Phone No: (609)-306-2462
E-Mail: Kevin.Jennings@doh.nj.gov

4. Department of Human Services Representatives:

Name: Christian Casteel, Director
Address: Department of Human Services
222 South Warren Street, PO Box 700
Trenton, New Jersey 08625
Phone No: (609) 475-5622
E-Mail: Christian.Casteel@dhs.nj.gov

VI. PROJECT DEFINITION

A. BACKGROUND

The Southern Region Medical Examiner's Office (SRMEO) is proposing to renovate an existing one-story building with two mezzanines that was constructed in the late 1970's. The facility is in the process of being deeded over to NJDOH from the New Jersey Department of Human Services (NJDHS) and is located on the VDC – West Campus in Vineland, NJ. The full renovation, a small addition, and "Change-of-Use" will convert the existing 45,000 square feet (SF) structure (currently referred to as "The Learning Center") into a medical examiner's facility with a full autopsy space, body refrigeration, laboratory, and office space. The previous use group was "Educational – Use Group E". A current subdivision of the VDC property will enable this project to be separated from the remaining campus with utility infrastructure to support the new facility. The subdivision does have a roadway easement to enable access to a cemetery which will remain the responsibility of NJDHS in perpetuity. The utilities have been maintained and are on-line, except that the structure and the surrounding site has not been occupied since 2012.

The NJ Department of Health (NJDOH) and the Office of the Chief State Medical Examiner (OCSME) have initiated several in-depth studies to evaluate the overall feasibility to convert the property, including the necessary space planning requirements and the evaluation of the existing mechanical, electrical and plumbing (MEP) infrastructure (including fire protection compliance).

The final feasibility report is attached and includes a potential space planning layout, identifies the "Change of Use" code analysis, and highlights interior and exterior systems and matters of importance. Also determined is that the renovation of the existing structure is the most feasible based on cost and construction timelines.

Environmental testing for potential ACM, lead-based paint/materials, or PCB impact has been performed and is included within the attached feasibility report. However, the agency (DOH) will address the removal of all identified "interior" environmental materials under a separate contract. Regarding the exterior materials, the agency (DOH) will environmentally sample all proposed materials impacted or scheduled to be removed and replaced (e.g., façade, roofing, window caulk, etc.), and if positive, will provide a specification to be incorporated within the main project for proper handling and disposal. If exterior building materials are identified as positive, environmental oversight will be provided by the DOH environmental consultant.

Pertaining to the attached feasibility report, as included herein, the OCSME will (as part of this project) require additional room/space layout options based upon cost efficiencies and best practice relating to previous project experience with similar projects. Therefore, the envisioned future of the SRMEO project shall include, but not be limited to, the advancement of laboratory diagnostic equipment for autopsy use, related programming updates and space planning reconfiguration, as applicable. Additionally, and although possibly mentioned in the feasibility study, the design consultant and their team shall reevaluate all matters identified within the feasibility and base their design efforts and draw their own conclusions regarding new systems, value engineering considerations, acoustics, odor control, and compliance with all regulatory agencies for Medical Examiner and autopsy compliance as outlined within the SOW. A new "Chief State Medical Examiner", along with their department staff, shall be consulted to evaluate new visions and room/space orientation which shall be incorporated as part of the Programing Phase interaction.

Although the feasibility report indicates a fire pump room, note that a sprinkler flow test (residual and static) was not performed.

B. FUNCTIONAL DESCRIPTION OF THE BUILDING

The Proposed Southern Region Medical Examiner's Office (SRMEO) is an existing 45,000 square foot one-story building (with a mezzanine for Mechanical Equipment) constructed in the late 1970's as an educational facility, which will now be converted to a full-service Medical Examiner's facility as a Change of Use project in accordance with the NJ Uniform Construction Code.

While a feasibility report is included, additional evaluation of potential space and location improvements is required. The vision of the current SRMEO staff and the new Chief State Medical Examiner also includes, and the Consultant should consider a possible re-location of the proposed loading dock addition, moving the dumpster to an outside location, moving some areas

around, including the X-ray room, and other spaces, as applicable. The Agency has provided a Feasibility Report based upon some earlier visions. However, and as noted previously, the Design Consultant shall evaluate site and interior space/room planning to benefit flow and budget. Parking and interior/exterior layout changes will also be involved, as well as hazardous chemical storage and specialized waste control storage areas. An inside "vehicle extraction" area will be eliminated, with the remaining area just earmarked for "Body Receiving". The Feasibility Report is shown in **Exhibit 'C'**.

The facility is in the process of being deeded over to NJDOH (from NJDHS) and is located on the Vineland Developmental Center (VDC) – West Campus in Vineland, NJ. The previous use of the structure was for education and the building was referred to as the Learning Center (TLC). Site improvements will include roadway improvements, additional parking, barrier free path of travel, and energy efficient lighting, storm water management, and a small loading dock addition will be required which will require Civil Engineering, Geotechnical and site planning services.

The existing TLC building occupancy classification and use group is an Educational group and the intended new use group will be considered a Business use group.

The proposed program is divided up into five main categories:
- Medical Examiner & Morgue including Mass Casualty storage area (to be located within the existing gymnasium utilizing the rack system which will require structural calculations), autopsy suites, body receiving, tissue storage, body storage, biosafety cabinets/lab hoods, X-ray room, locker rooms, conference rooms, private office space and open work area for morgue techs.
- Laboratory & Training Center include labs, lab storage, lab hoods, locker rooms, restrooms, storage room, private offices, open workspace for lab techs, and a multipurpose room to accommodate the training center. The inclusion of a small learning center/training room, separate and apart from conference room. The space is needed to convert quickly to a small command center accommodating multiple high speed data connections, 2/3 large monitors, 4 desktops with a total of 8 desktop monitors.
- Investigators includes conference rooms, high density file room, evidence room, private investigator office, open work area to accommodate investigator workstations, and space for clerk steno.
- General Public includes client restrooms and a lobby/reception area.
- Support Spaces consists of mechanical rooms, boiler room, electrical room, fire pump room (if required), janitor's closets, MDF closet/Voice/Data room, IT room, enclosed loading dock, exterior dumpster storage, electrical closets, break area, and storage rooms.

The new proposed use of the TLC building will require modifications to the interior space layout to accommodate the new programmatic spaces. The building has been off-line for more than 10 years and the change of use code will require that the interior materials be upgraded as needed to meet the code requirements for the interior finishes. The existing lighting system and fixtures are dated and will not meet building code or energy code requirements for light.

Upgrades to the existing envelope will need to occur to bring the building up to current energy codes, as economically feasible. To comply with the latest edition of the energy code, the existing windows will need to be replaced. All existing roof systems will be replaced in their entirety.

A Feasibility Study & Assessment Report completed by Lammey + Giorgio (LG) dated March 20, 2024 is shown in **Exhibit 'C'**. The proposed layout in the study is subject to change according to SRMEO staff and the new Chief State Medical Examiner.

VII. CONSULTANT DESIGN RESPONSIBILITIES

A. PROGRAM PHASE

The Consultant shall meet with the Project Team and review the building programmed space and supporting systems as outlined within the Feasibility Study, with the intent to evaluate alternate layouts and analysis, including cost efficiencies, as applicable.

The Consultant shall refine the programmed space, as necessary. The consultant shall also provide ideas and solutions based on their expertise with Medical Examiner's requirements and Laboratory compliance, as applicable.

The Consultant shall evaluate existing documentation, perform independent findings, and provide services that result in a final design and construction project that addresses, but is not limited to the following:

1. Main Autopsy (BSL2), Decomposition Autopsy (BSL2), and Decomposition Autopsy (BSL3) with Refrigerated Body Storage
2. Administrative Offices, including administrative spaces, a maintenance office space, hoteling and visiting executive space.
3. Laboratory services, including evaluation/inclusion of a waste neutralization system and a water purification system, as coordinated with SRMEO and municipal utility authority compliance requirements.
4. Emergency power generator equipment for 100% coverage for the new facility
5. Security upgrades at the new facility – Interior and Exterior.
6. Site improvements (roadways, storm water management, soil erosion, general dumpster area, visitor/staff parking, Mass Casualty trailer parking, and barrier free accessible route compliance). Main signage, road signage and striping, as required and coordinated with SRMEO staff.
7. Loading Dock addition and location.
8. Self-opening doors for body stretcher entrance/exit into the autopsy rooms, fencing improvements, gated exterior access w/ gate arms, etc. to be incorporated and coordinated w/ SRMEO staff. The intent will be to enable the remote control of gate arm(s) entry via access fobs or through direct communication (voice and video monitors) from a central security area inside

the facility. The entire site shall be secure with controlled access. Type of controls to be discussed and evaluated with SREMO.
9. Toilet and shower facilities for Autopsy Staff (men and woman) and potential laundry area.
10. Hazardous chemical handling, general storage, Mass Casualty storage (with racks), and hazards waste and chemical storage compliance areas to be evaluated, including applicable fire ratings, suppression, and ventilation compliance.
11. Fixed furniture and cube layout.
12. The house and garage will be demolished and removed by the Agency, as well as the environmental ACM and lead-containing chair rail as identified within the interior of the main structure.
13. The Consultant shall identify if any part of the Project's Scope of Work is compatible with New Jersey's Energy Master Plan (EMP). If so, the Consultant shall determine all construction means and methods to satisfy the goals of the EMP.

B. DESIGN REQUIREMENTS

1. Building Interior Finishes:

Refer to the Feasibility Study. Add insulation features, sound attenuation and other finishes, as necessary. Evaluation for proper wall finishes and chair rails to be evaluated for proper impact and liquid protection in and around the autopsy area and routes. Stainless steel "liquid tight" surfaces are essential in certain areas. Floor surfaces within the Autopsy areas and specialized spaces, including but not limited to the PPE and X-ray rooms, shall be coordinated with the SRMEO staff. At the North Region Medical Examiner's Office current Autopsy Project, epoxy flooring surfaces have been applied. Also, and from that project, several lessons learned examples will be shared with the awarded Consultant regarding stainless steel wall surfaces, flooring, types of autopsy tables, etc. to name a few. Where existing walls can be utilized to reduce the cost to demo/rebuild, considerations shall be presented at the programing stage, if and where significant cost savings are possible. There was some discussion that the existing "administrative offices" may accommodate future use considerations, with little or no wall movement or demolition.

2. Building Exterior Finishes:

Refer to the Feasibility Study. Add insulation features, high efficiency glass and energy enhancements as necessary. In some cases, and where applicable, fenestration reductions may be considered.

3. Building Footings/Foundations and Slabs on Grade:

Provide a footing/foundation design for the new Loading Dock addition based on the findings of the geotechnical investigation.

4. Structural Calculations:

While the Feasibility Study refers to a structural analysis of the entire building to support potential rooftop units (RTU's) on the sloped roof, the intent will be to not install RTU's on the sloped roofing sections. However, the consultant shall evaluate and include in their fee evaluation of existing roof and bearing walls for any structural issues, including reinforcement/replacement as required. The DPMC Fire Official has also indicated that the rack system utilized within the mass storage area requires structural calculations.

5. Roofing System:

Replace the entire roof (sloped and flat) with new roofing materials. Sheathing, sub-straight, etc. shall be evaluated and replaced where damaged.

The Agency (DOH), as stated previously, will be conducting environmental testing of the roofing systems to be removed/replaced, and if determined to be positive, will provide the Design Consultant for this project with a specification (for inclusion in the main project specification) to address proper removal and disposal requirements in accordance with Federal and State rules and regulations. Night seals, for ensuring the building remains watertight throughout construction, shall be incorporated into the project specifications.

6. Furniture:

Fixed furniture layout plans for the office and lab space shall be included, along with IT and electrical integration.

7. Data, Communication and Security Equipment:

The Consultant shall meet with appropriate representatives of SRMEO to determine the IT and security requirements, and the type of equipment to be specified, including within autopsy, laboratory and other sensitive areas. Exterior security systems are also to be incorporated.

Construction documents shall include required wiring circuits for all proposed data, communication and security equipment for the new buildings. Documents shall include the wire sizes, switch and panel schedules, conduits, panels, hangers, supports, mounting brackets, termination outlets, switches, and other related components for the equipment. The location, capacity, and space requirements for all of the equipment shall be indicated.

Attached **Exhibit 'E'** is an IT compliance list as sent from the OCSME to incorporate within the project SOW.

8. HVAC System:

As guided by the State's Energy Master Plan, provide new state of the art HVAC systems throughout in the required number of zones to address air quality, air flow/laminar flow and proper pressurization contingent on the room/area. Options are to be evaluated for autopsy ventilation across the autopsy tables and for body storage and laboratory areas. Lab hood shall be variable volume with system controls contingent on the use and hazard level.

Odor control (inside and outside) is required. In some cases, individual systems/zones and pressurization considerations shall be applied. Include ventilation schedules for all building spaces. The proposed capacity of the building air supply, return and exhaust air shall be verified with signed and sealed calculations. Provide an associated BMS system, based on the BACnet open control protocol, with controls and air monitoring sensors, as needed.

Conduct an assessment that includes a detailed analysis and final strategy that will allow the selection of the appropriate HVAC system(s) based on the special conditioned air requirements of the Autopsy Rooms, BSL-2 and BSL-3 areas, and loading dock areas. See **Exhibit 'D'** for a list of Biosafety Lab requirements from the Centers for Disease Control and Prevention.

HVAC system items to address shall include, but not be limited to: special filtration devices, ductwork and insulation, fume hoods, number of air exchanges, BSL3+ air requirements, negative pressures, once-pass air, special temperature and humidity requirements and controls, airlocks and pressurized lab rooms, safety alarm systems, controls and biological safety cabinet ventilation. All other related items not mentioned in this section shall be coordinated with SRMEO staff and incorporated.

Include an analysis of the air filtration options that results in features that address odor control and contaminant capturing and isolation, but not limited to high performing MERV-13 and above filters. Perform heating and cooling load calculations for all conditioned building spaces to determine the zones and capacity of the new building air supply, return and exhaust air of the HVAC system.

Design all associated HVAC controls necessary for the proper operation of the HVAC units, their related components, and the room temperature and humidity levels. Note that some rooms and areas will require different temperature and humidity levels.

Appropriate controls shall be tied into the new building management system (BMS) system. The BMS system shall have an electronic display of appropriate temperatures and relative humidity readings in all zones of the building. A modem shall be provided for remote operation of the systems. The Agency Team members shall approve the location of the BMS monitor and hardware.

Outside of this Consulting contract, the Agency will engage a separate consultant to conduct HVAC commissioning on the final system installation.

The consultant for this project shall provide demolition plan for old existing HVAC system and be responsible to review all associated air permitting requirements because of the odors, and to understand all requirements during design. Additionally, all associated NJDEP air permits shall be evaluated, including the new generator, existing and/or new boilers and water heaters, and the exterior Mass Casualty "diesel powered" refrigerated trailers which are required to run periodically each month to exercise the motors. All filing documentation, if required, shall be included.

9. Special Waste System:

Provisions will be made for the containment, conveying and/or disposal of special laboratory and autopsy waste materials as required by the SRMEO staff, and any required off-site disposal and contingent with BSL2, BSL3 and MUA compliance requirements. The Design Consultant shall program dedicated space(s) within the SRMEO structure and provide the required code approved storage media and systems for their containment until removed by authorized personnel.

Investigate and determine the type and quantity of laboratory waste and autopsy waste generated. From this information, design a MUA and NJUCC regulatory compliant waste system(s) that will convey the waste by a separate gravity waste line into a waste neutralization treatment system, or other approved and recognized means. The Consultant shall indicate compliance requirements and options at the initial design stage, as applicable and as approved by the MUA prior to leaving the building.

10. Generator and UPS System:

Provide a generator and UPS system(s) to provide continuous operation of the critical loads of the various technical areas and laboratory equipment to ensure that any laboratory operations are not disrupted by the 10 second delay when switching over to generator power. The nature, size, and locations of critical operations and lab functions shall be determined in the Program Phase of the project.

The UPS systems shall be sized per the load requirements plus a safety factor.

The UPS systems shall include all instruments and controls for proper system operation. The system status panel shall have an appropriate audio/visual alarm to alert operators of potential problems and shall be tied to all appropriate remote panels and the Central Monitoring system/BMS.

An above ground storage tank (AST) is required, and the location and fuel sizing (number of day's storage) shall be determined based on best practice and sizing options to incorporate the

emergency response needed for an outage, including refueling. The AST size and location shall be evaluated and coordinated with the OCSME.

11. Fire Detection:

Although the Feasibility Study identifies a newer fire alarm (FA) system, an entirely new "nonproprietary" FA system shall be installed. Include in the construction documents the requirement for the fire detection system to be tested after installation is complete by an independent Testing Lab hired by the Contractor. The tests must be witnessed and approved by the Department of Community Affairs (DCA). The Consultant shall provide a demolition plan for existing fire alarm system and ample notification time when arranging the test with DCA, DPMC, Contractor, and equipment manufacturers.

12. Fire Suppression System:

Consistent with the Change of Use evaluation, the structure shall be fully sprinklered. Although the Feasibility Study refers to a Fire Pump and Fire Pump Room, it shall be noted that no flow testing (residual and static) was done to verify/validate the need for a fire pump. The agency (DOH) will be securing a flow test from the nearest hydrant for use by the Design Consultant to determine if a fire pump and/or an upgraded fire service line (from the street to the facility) is required based upon a fully sprinklered building, and as the basis of design.

The water flow test will be conducted at the site to determine the available water pressure and flow for the proposed suppression system. The water flow test will be witnessed by DPMC's Plan Review Unit and the results/report will be provide to the consultant and the DPMC Plan Review Unit before the submission of the design drawings. Also reference section VII. G (SITE UTILITIES), Item 3 (Utility Upgrade Allowance).

The fire suppression system design shall include, but not be limited to, complete construction documents showing the layout and sizes of the sprinkler piping and locations of all sprinkler heads on the floor plans of the buildings. Signed and sealed hydraulic calculations, and water pressure data for the fire suppression sprinkler system shall be submitted to the DPMC Plan Review Unit.

Fire suppression system/sprinkler shop drawings shall be submitted to DPMC's Plan Review Unit for approval prior to fabrication and installation of the systems.

Include in the construction documents the requirement for the fire suppression system to be tested after installation is complete by an independent Testing Lab hired by the Contractor. The tests must be witnessed and approved by the Department of Community Affairs (DCA). The Consultant shall provide ample notification time when arranging the test with DCA, DPMC, Contractor, and equipment manufacturers.

13. Plumbing:

Consultant shall provide demolition plan for any not used existing fixtures and piping. If existing piping and fixtures are used for this project, Consultant should make sure that they meet the latest plumbing code requirements.
Construction documents shall include the location of all equipment associated with plumbing requirements for the autopsy, body storage, laboratory and related piping components. Verify tie-in points to the existing piping systems, including any neutralization, backflow and storage systems. Coordinate with the MUA to determine discharge requirements. Separate riser diagrams shall be shown for gas service, sanitary drain and vent system, hot and cold water distribution system and storm drainage system. Equipment connections shall be identified on all schematic and riser diagrams. Include a fixture schedule on the drawings listing each fixture, description, trap & vent sizes, values, and hot and cold water connection pipe sizes. Hands free controls and new plumbing fixtures shall be evaluated for inclusion (budget dependent). All work shall be in accordance with the NJUCC Rehabilitation Subcode (NJAC 5:23), including Barrier Free compliance.

Include all design details and information required for the proper fire stopping for all floor and wall penetrations of building elements (walls, partitions, etc.).

14. Electrical:

Based on the Feasibility Study, the current transformer requires relocation and additional electrical service is required. Coordinate the design requirements with the local utility, as applicable. Verify "Will Serve" compliance for required load increases.

Consultant shall prepare demolition plan for any not used existing light fixtures, conduits, wires, electrical panels, etc. If existing light fixtures, wire, conduits, electrical panels, etc. are used for this project than consultant should make sure that they meet the latest electrical code requirements.

Electrical drawings shall include all supply service equipment, lighting, power, communications, fire alarm, security, and specialized systems. Riser diagrams, showing service equipment, feeders and panels, branch circuits must be shown. Wire sizes, switch and panel schedules shall be provided. Location, capacity, space requirements of all major items or equipment must be indicated.

Lighting features must indicate typical lighting arrangements, types of fixtures, proposed light intensities, emergency and egress lighting. All lighting specified shall be energy efficient and have occupancy sensors where applicable.

15. Security:

Construction documents shall include wiring, outlet/power connections, support brackets and shelving for security cameras and card readers. Consultant shall determine the location of security cameras and card readers to be installed at all required interior and exterior rooms and locations. Camera and controlled "ingress" shall be located to enable security to determine access via door interface with camera and voice interaction.

Construction documents shall include security systems and outside security gates. The OCSME requires that all access points to the facility are secured with fence and gates. As mentioned by the DPMC Plan Reviewer, coordination with the Fire Department/EMS is required and proper access controls/Knox Boxes shall be incorporated.

16. Signage:

Construction documents shall include interior signage in accordance with the NJ Uniform Construction Code requirements.

Interior signage shall include, but is not limited to, identification of functional areas, services, directional, room numbers and names.

17. Locks and Keys:

Provide a "master" key system for all door locks of the new buildings.

18. Autopsy Suite:

In addition to a BSL2 Decomposition Autopsy Room and a BSL2 main Autopsy Room, there shall also be a BSL3 Decomposition Autopsy Room, all of which shall be separate spaces/rooms. Program space planning discussions with OCSME and options shall be provided, including a separate space within the BSL2/BSL3 Decomposition Autopsy rooms to enable packaging of biohazards/toxins. All 3 spaces shall have laboratory hoods, separate HVAC/exhaust systems, 100% outside air and controls to maintain the proper air pressures, odor control and integration with the HVAC and laboratory hoods/Biosafety cabinets. As utilized at the Northern Regional Medical Examiner's Office, laminar flow air across the autopsy area shall be incorporated, and proper humidification/dehumidification compliance as determined by applicable autopsy standards, including ASHRAE and other regulatory authorities. BSL3 registration shall be evaluated and compliance with the CDC, NAME (National Association of Medical Examiners), etc. shall be incorporated. Evaluate a potential autoclave and pass through for the BSL3 Decomposition Room with potential options at the program phase to incorporate the 3 BLS rooms. Space limitations, if applicable, shall be evaluated. The Mass Casualty inside storage area

(i.e., gym) may be reduced in size, to accommodate any additional area needs associated with the adding of an additional Autopsy Room. Additionally, and at the program phase, provide an option (with applicable details) to combine the two (2) Decomposition Room into a Hybrid "single room" capable and designed to accommodate both BSLs.

The 2 Decomposition Rooms shall each have a separate refrigeration cooler for decedents (size to be coordinated) and 1 main body cooler for the main facility.

All spaces throughout the project shall comply with CDC, NAME (National Association of Medical Examiner's), and all other regulatory agencies regarding autopsy, Medical Examiner's and Toxicology laboratory compliance. The types of procedures, testing and equipment types shall be evaluated with staff for proper functionality arrangement, including electrical, security systems, cameras and IT functionality.

If registration with CDC is required, assist the OCSME and SRMEO staff to file and register the autopsy space and/or the BSL3 space.

19. Toxicology Laboratory:

The Toxicology Laboratory area shall incorporate a specimen drop-off area for the Law Enforcement Drug Testing (LEDT) program. Space planning and layout shall be coordinated with the OCSME/SRMEO staff. Coordination with the staff shall also include hazardous storage compliance requirements, radiation containment, etc. for lab compliance.

The Design Consultant shall evaluate Biosafety class requirements and the location and number of the lab hoods in relationship to the functioning layout of the lab services.

In discussion with Dr. Jackson, Executive Director of the State Toxicology Lab, it was determined that the highest level of inclusion for labs include:
A small BSL level 3 tissue/bodily fluids prep space is needed within or immediately adjacent to the BSL level 3 autopsy suite. Engineering and design expertise and experience with BSL standards is required. A standard Histology prep space in close proximity to the autopsy suite is required. A Law Enforcement Drug Testing (LEDT) urine specimen collection and short-term storage space, including lab quality refrigeration for specimens is required. Include LEDT lab - Additional lab requirements are included in this SOW and attached instrument list.
Include reservation of space for a future Post Mortem satellite lab. Method for reservation of the Post Mortem Lab space will be determined during the programming phase. Instrument needs for LEDT only and full lab are attached.

LEDT lab and BSL 3 spaces will need appropriately rated hood vents and cabinets. The laboratory shall include regulatory compliance NAME (National Association of Medical Examiners), CDC (Centers for Disease Control and Prevention), CAP (College of American Pathologists) and ANAB (ANSI National Accreditation Board) standards. Discussion regarding other areas to be considered, including a post-mortem lab, shall occur as part of the program phase.
A Right to Know list is attached and included within **Exhibit 'F'**.
Attached, **Exhibit 'G'**, is a laboratory scenario document that identifies the full toxicology lab (Scenario 3) that shall be incorporated and laid out as part of the main design, with a scaled back option (Scenario 1 – LEDT only) should the budgeting cost be prohibitive for Option 3. Both designs shall be incorporated, with a deduct alternate included for Option 1, if necessary.

20. Learning/Training Center:

Include a small learning center/training room, separate and apart from conference room. The room requires the ability to convert quickly to a small command center accommodating multiple high speed data connections, 2/3 large monitors, 4 desktops with total 8 desktop monitors.

C. SITE WORK

1. Parking Lots & Roadways:

Construction documents shall include repairing/paving or replacement of existing roadways and parking lots as needed and based on budgetary considerations. Consultant shall, as part of the Program Phase, evaluate and estimate the cost of each repair proposed and provide a written report to the Project Team.

Parking lot and roadway surfaces shall be bituminous concrete and shall have appropriate stripping, signage and lighting. Concrete curbing shall be installed along the edge of all new roadways and around the perimeter and islands of the parking lots. Handicap curb cuts shall be included at appropriate locations. All grading shall provide appropriate slopes for storm water runoff to curbs, gutters and inlets tied into the existing site drainage system.

All existing parking stripping and roadway traffic lines, including those not impacted by construction, shall be repainted.

All costs associated with evaluating, estimating, preparing written reports and providing design services for repairing and stripping parking lots and roadways shall be included in the consultant's lump sum fee proposal.

2. Sidewalk:

Evaluate the existing path of travel, and any new areas requiring access (i.e., Mass Casualty Trailer area, Loading Dock, new parking areas, etc). Construction documents shall include concrete sidewalks from the parking lot(s) to the SRMEO buildings and other areas of the site requiring pedestrian or staff access. Incorporate barrier free access ramps and curb cuts, wherever the barrier free path of travel is required.

3. Signage:

Construction documents shall include exterior site signage.

Site signage shall include, but is not limited to, directions, information, travel paths, entrances, use restrictions, handicap parking spaces, speed restrictions, and similar directives.
Signage – propose specs for clearly visible sign from roadway. Must have enhanced visibility at night. Directional signage on property directing visitors, deliveries, LEDT (Law Enforcement Drug Testing) drop off, Funeral home pick-ups, etc. shall be clearly delineated. The exterior signage at the street, shall be illuminated and of a size/shape as determined by the OCSME.

4. Site Lighting:

Pole mounted site lighting shall be integrated into the architectural and landscape design for the parking areas, paths, pedestrian sidewalks, stairs, roadways, and other areas or equipment requiring proper illumination for visibility, surveillance and personnel safety. Spacing and heights of the light poles shall ensure proper coverage of the areas illuminated. Lighting levels shall comply with approved design standards in accordance with the Illuminating Engineering Society (IEC) and shall be sufficient to support areas of CCTV surveillance. Lamps shall be high efficiency type and have photocell dusk to dawn operational features. Evaluate re-use of existing site lighting and add/replace where new roadways, parking lots (including exterior trailer parking), and walkways are added. Cost to replace vs cost to upgrade shall be considered.

5. Gate and Secure Fencing:

Construction documents shall include secure fencing with motorized security gates at one location to be controlled from the interior of the building. The gate will require a KnoxBox to allow for fire department access.

The agency will evaluate if barbed wire fencing is necessary. The Feasibility Study does indicate some fencing issues that shall be evaluated with the Agency as to the corrective work required. The gate and fencing can be decorative as well as secure.

The OCSME requires that all access points to the facility are secured with fence and gates. It is desired that someone visiting the cemetery via the easement road shall not have direct access into the proposed SRMEO facility. Evaluate and provide options and solutions at the Program Phase.

6. Landscaping and Tree Removal Requirements:

Construction documents shall include a landscaping plan to include, but not limited to, all required seeding, sod, shrubs, bushes, trees, and buffering with adjacent properties where required. With the removal of trees within the proposed parking areas, the below "No Net Loss Reforestation Act" shall be adhered to if applicable:

No Net Loss Reforestation Act:

The proposed location of the Mass Casualty and general parking areas may require the removal of mature trees. On January 29, 2002 the Department of Environmental Protection issued the NJ No Net Loss Reforestation Act P.L. 1993, c.106 (C.13:1L-14.2), as amended, that requires all State entities that deforest a half-acre or more of forested land will fall under the act and reforestation plans will be mandatory. The Consultant shall address the No Net Loss Reforestation Act in the design documents of this project if required.

7. Storm Water Management:

An existing retention basin is identified in the Feasibility Study and may require expansion, as contingent on adding impervious surfaces. The Consultant shall evaluate surfaces considered pervious, or semi-pervious, for the exterior Mass Casualty trailers. There is reference in the Feasibility Study to evaluate overgrowth within the existing retention area. If necessary, expand the existing retention basin or augment with a new storm water management design, with detention, infiltration, and water quality measures incorporated if required. Storm water management measures for water quality for the project shall meet the requirements of N.J.A.C.7:8 Storm Water Management. Where possible and beneficial, utilization of pervious surfaces shall be a consideration. The playground surface may be removed.

Existing storm water drainage infrastructure shall be modified as required to be in compliance with N.J.A.C.7:8 Storm Water Management.

Specific to this site and subdivision, include analysis for whether a DEP MS4 public complex storm water permit is needed. If required, provide assistance to prepare and file with the NJDEP regulatory authority

D. SITE GEOTECHNICAL ALLOWANCE

The Consultant shall analyze the soils conditions in the locations of the new "loading dock" addition to determine the soil classification and engineering properties. This information shall be used in the design of footings/foundations and slabs.
All soil boring/test pit data obtained shall be included in the construction documents for Contractor reference.

Consultant shall estimate the costs to analyze the soils and include that amount in the **"Site Geotechnical Allowance",** refer to paragraph X.E.

All costs associated with managing, coordinating, and administrating sub consultants providing soil testing services shall be included in the consultant's lump sum fee proposal.

E. SITE PLAN

1. Existing Information:

The subdivision drawing is included with the Feasibility Study. Additional drawings from the original construction from the 1970's will be provided to the Consultant.
Consultant shall obtain all additional field measurements and record all data necessary to provide an accurate site survey of the existing conditions. Items shall include, but not limited to, any new site roadways, sidewalks, curbing, parking lots and islands, storm drainage inlets, utility manhole covers, fences, trees, rock formations, site lighting, signage, and other relevant physical landscape features.

2. Site Survey Drawing:

Consultant shall provide a scaled survey drawing that depicts the dimensioned locations of the hardscape, landscape, and landmark features that are to remain, those that are to be removed, and those that are to be constructed.

Identify the property boundary lines on the drawing. Include adjoining highways and streets outside the property lines where appropriate for ingress and egress information. The subdivision drawing is included with the Feasibility Study.

All horizontal control shall be on the New Jersey State Plane Coordinate System (NAD 83) and vertical datum shall be the North American Vertical Datum of 1988 (NAVD 88).

3. Topographic Survey:

Consultant shall obtain all field measurements and record all data necessary to provide an accurate topographic survey of the facility. Surface features shall include, but not be limited to the public streets, alleys, roadways, parking lot surface area, sidewalks and curbing, utility rims, and other appropriate objects.

Consultant shall provide a topographic survey drawing that depicts the location and elevation of the existing and new surface features of the construction site. Contours shall be accurately plotted to an acceptable scale and labeled with spot elevations at high, low, and critical points. Property lines shall be indicated within the construction site, and base lines or random traverse points shall be tied to the existing structures where appropriate. Show datum, benchmark, and north arrow in relation to the property lines. Benchmarks must be well defined and described.

4. Wetlands:

Consultant shall, prior to initiating any site design work, determine if any portion of the site is classified as wetlands. Consultant shall comply with N.J.A.C. 7:7A, Freshwater Wetlands Protection Act. Consultant shall prepare "Wetlands Delineation" plan identifying potential wetlands areas and submit to NJDEP to secure a "Letter of Interpretation" (LOI). All site work shall comply with the LOI.

5. Temporary Construction Site:

Construction documents shall provide information on the appropriate drawing(s) that locate all temporary site construction roads, construction office trailer(s), dumpsters, material and equipment storage trailers and Contractor parking areas.
Construction documents shall include requirements for a fence with lockable gates and construction site lighting as applicable.

Temporary utilities shall be provided for the trailers installed by the Contractors.

F. SITE SOIL EROSION AND SEDIMENT CONTROL

Consultant shall submit the Application for Soil Erosion and Sediment Control Plan Certification to the local County Soil Conservation District Office. The submission and design requirements, documentation, drawings, calculations, meetings, etc. required for the application shall conform with the guidelines and procedures published by that District Office.

All costs associated with the preparation of the Application for Soil Erosion and Sediment Control Plan Certification shall be included in the Consultant's lump sum fee proposal. Consultant shall estimate the fees required to be paid to the Soil Conservation District and include that amount in the **Plan Review and Permit Fee Allowance.**

All application fees paid to the Soil Conservation District shall be paid by the Consultant who shall be reimbursed from the **Plan Review and Permit Fee Allowance** provided for this project, refer to paragraph X.A.3.

G. SITE UTILITIES

1. Underground Utilities:

Construction documents shall identify the size and location of all underground utility lines, both existing and new. The utility line sizes, locations and elevations shall be shown on the design drawings for Contractor reference.

Provide a design to relocate or realign any existing utility line that may interfere with the installation of any new construction. The feasibility study identifies transformer relocation work that shall be reviewed and verified.

2. Utilities Capacities:

Consultant shall survey all existing site utilities to determine their capacity for expansion to meet the requirements of this project. Develop a table that identifies the maximum capacity rating of each existing utility, the available capacity remaining based on present usage of the existing utilities and the capacities anticipated for the new facility utilities.

Provide the most cost effective design to provide the required utilities to the new buildings based on the repair, replacement, upgrades, and extension costs of existing utilities versus the installation of all new utilities that will originate from the main supply lines.

3. Utility Upgrade Allowance:

The Consultant shall estimate all design and construction administration costs associated with the potential upgrades to the utilities serving the site, including a larger fire line and design provisions for a possible fire pump, and include that amount in their fee proposal line item entitled **"Utility Upgrade Allowance".** Refer to paragraph X.C.

While it was mentioned that the subdivision included new utilities off of Almond Road, DOH/OCSME have not been successful in locating site utility drawings and documents from the Department of Treasury directly associated with the subdivision. Therefore, and also to be included in this allowance, shall be ground penetrating radar (GPR) and utility sizing verification for all site utilities serving the facility. Also include additional allowance costs to scope and test the existing/current underground sanitary and storm drainage systems for integrity, both inside and outside. Additionally, and due to the age of the structure, the storm drain leaders and drainage systems associated with the flat roof shall also be scoped and water tested as part of the allowance, and also to ensure that existing roof drains are properly functioning via 30-minute test time w/ ¾" hose. Due to the critical nature of the services to be provided, it is essential to verify these existing storm and sanitary utility systems.

4. Utility Verification Letter:

As applicable, the Consultant shall obtain written verification from all appropriate utility authorities certifying they can provide adequate capacity for the new buildings. Letters pertaining to water, sanitary, gas, electrical and telephone service must be obtained which confirm adequate pressures, flows, specific consumption or loads and approximate date of service.

Identify the extent of work to be done by the utility provider, the utility approvals required for the connection points, available rebates, meters and pit requirements, and whether there will be any fees to be paid by the Contractor to the Utility Company. All termination and/or tie-in fees required by the affected Utility Companies shall be covered by an allowance within the construction documents.

5. Electric:

Construction documents shall provide adequate electrical service to the renovated and Change of Use building, and shall include details for tie-in to the main electrical supply line and equipment. Include schematic drawings of the electric distribution system of the facility indicating all components of the distribution system including, but not limited to, panels, subpanels, breakers, transformers, meters and lines. Consultant shall coordinate with the electrical utility company representatives as required for service improvements. The Feasibility Study indicates electrical improvements are necessary.

6. Sanitary Sewer or Septic System:

Construction documents shall include any outside work as applicable. There is a sanitary manhole that is undermined that will need construction work. Evaluate and incorporate design details to address any site sanitary issues as identified. The feasibility study indicates that the existing sanitary mains will support the renovation project.

7. Gas Supply and Distribution System:

The Consultant shall determine if gas supply to the new building is compatible with the State's Energy Master Plan. If so, construction documents shall provide adequate gas service, if available, to the new buildings including details for tie-in to new equipment. Include schematic drawings indicating the size and location of all gas line components including, but not limited to, piping, valves and meters. Consultant shall coordinate with Gas Utility representatives as required for service improvements.

Consultant shall determine, and include in the construction documents, any requirements for the construction contractor to coordinate with the gas utility including, but not limited to, inspections, termination and/or tie-in fees, construction contract limit lines, material and equipment to be provided by both parties.

8. Water Service:

Construction documents shall provide adequate water service to the facility for domestic and fire protection purposes. While the feasibility study indicates that the domestic water line is adequate for the renovation project, the fire service line shall be evaluated based on the required "fully suppressed" project. Design and upgrade as necessary, including details for tie-in to the new fire protection system. Consultant shall coordinate with water utility representatives as required for service improvements.

Consultant shall determine, and include in the construction documents, any requirements for the construction contractor to coordinate with the water utility including, but not limited to, inspections, termination and/or tie-in fees, construction contract limit lines, material and equipment to be provided by both parties.

H. BUILDING DEMOLITION & SITE EVALUATION

1. Building Demolition:

The building and site are currently not occupied. A dwelling structure and a detached garage structure will be demolished by the Agency and are not included in this project scope.

2. Site Evaluation:

Any grading or site improvements to address trailer parking for Mass Casualty and general parking (staff/visitors) shall address any grading changes and soil erosion/storm water management compliance, as required. The number of Mass Casualty trailer and parking lot improvements shall be coordinated with the SRMEO at the initial design stages. The number of trailers and visitor/staff parking amounts as reflected in the Feasibility Study will possibly be scaled back. The Mass Casualty parking area will require the required set-back from the building, as well as fire protection improvements (i.e., lighting, fire extinguishers, environmental spill protection controls if there is an oil spill, etc.). These shall be coordinated with SRMEO and the Mass Casualty Supervisor. The DPMC Fire Official has also indicated that these items shall be provided.

Drawings and specifications will be reviewed by the DPMC Plan Review Unit and the bid clearance form will be signed stating that the permit will be issued upon receipt of all prior approvals and permit applications from the Contractor. Plans and specifications will be held for stamping until such time that the permits are granted. The project will be bid and awarded without stamped documents from the DPMC Plan Review Unit.

I. DESIGN MEETINGS & PRESENTATIONS

1. Design Meetings:

Conduct the appropriate number of review meetings with the Project Team members during each design phase of the project so they may determine if the project meets their requirements, question any aspect of the contract deliverables, and make changes where appropriate. The Consultant shall describe the philosophy and process used in the development of the design criteria and the various alternatives considered to meet the project objectives. Selected studies, sketches, cost estimates, schedules, and other relevant information shall be presented to support the design solutions proposed. Special considerations shall also be addressed such as: Contractor site access limitations, utility shutdowns and switchover coordination, phased construction and schedule requirements, security restrictions, available swing space, material and equipment delivery dates, etc.
It shall also be the responsibility of the Consultant to arrange and require all critical Sub-Consultants to be in attendance at the design review meetings.

Record the minutes of each design meeting and distribute within three (3) calendar days to all attendees and those persons specified to be on the distribution list by the Project Manager.

2. Design Presentations:

The minimum number of design presentations required for each phase of this project is identified below for reference:

Program Phase: One (1) oral presentation at phase completion.

One (1) working meeting halfway through phase.

One (1) oral presentation at phase completion.

Schematic Phase: One (1) oral presentation at phase completion.

One (1) working meeting halfway through phase.

One (1) oral presentation at phase completion.

Design Development Phase: One (1) oral presentation at phase completion.

One (1) working meeting halfway through phase.

One (1) oral presentation at phase completion.

Final Design Phase: One (1) oral presentation at phase completion.

One (1) working meeting halfway through phase.

One (1) oral presentation at phase completion.

J. EXISTING DOCUMENTATION

Copies of the following documents will be provided to each Consulting firm at the pre-proposal meeting to assist in the bidding process.

- New School Facility, October, 1977, Eckert Gatarz Architect Planners
- Site Utilities, March 1982, Architects Chartered
- Almond Road Floor Plan
- M1291-00: Fire Suppression Retrofit, As-Built 9/10/00, STV Incorporated
- Feasibility Study & Assessment Report, March 20, 2024, Lammey + Giorgio
- Vineland Development Center - West Campus Minor Subdivision, 4/3/2023, Remington & Vernick Engineers

Review these documents and any additional information that may be provided at a later date such as reports, studies, surveys, equipment manuals, as-built drawings, etc. The State does not attest to the accuracy of the information provided and accepts no responsibility for the consequences of errors by the use of any information and material contained in the documentation provided. It shall be the responsibility of the Consultant to verify the contents and assume full responsibility for any determination or conclusion drawn from the material used. If the information provided is insufficient, the Consultant shall take the appropriate actions necessary to obtain the additional information required.

All original documentation shall be returned to the provider at the completion of the project.

VIII. PERMITS & APPROVALS

A. NJ UNIFORM CONSTRUCTION CODE PLAN REVIEW AND PERMIT

The project construction documents must comply with the latest adopted edition of the NJ Uniform Construction Code (NJUCC).

The latest NJUCC Adopted Codes and Standards can be found at:

http://www.state.nj.us/dca/divisions/codes/codreg/

1. NJ Uniform Construction Code (NJUCC) Plan Review

Consultant shall estimate the cost of the NJUCC Plan Review by DCA and include that amount in their fee proposal line item entitled **"Plan Review and Permit Fee Allowance"**, refer to paragraph X.A.

Upon approval of the Final Design Phase Submission by DPMC, the Consultant shall submit the construction documents to the Department of Community Affairs (DCA), Bureau of Construction Project Review to secure a complete plan release.

As of July 25, 2022, the Department of Community Affairs (DCA) is only accepting digital signatures and seals issued from a third party certificate authority.

Procedures for submission to the DCA Plan Review Unit can be found at:

https://www.state.nj.us/dca/divisions/codes/forms/pdf_bcpr/pr_app_guide.pdf

Consultant shall complete the "Project Review Application" and include the following on Block 5 as the "Owner's Designated Agent Name":

Joyce Spitale, DPMC
PO Box 235
Trenton, NJ 08625-0235
Joyce.Spitale@treas.nj.gov 609-943-5193

The Consultant shall complete the NJUCC "Plan Review Fee Schedule", determine the fee due and pay the NJUCC Plan Review fees, refer to Paragraph X.A.

The NJUCC "Plan Review Fee Schedule" can be found at:

http://www.state.nj.us/dca/divisions/codes/forms/pdf_bcpr/pr_fees.pdf

2. NJ Uniform Construction Code Permit

Upon receipt of a complete plan release from the DCA Bureau of Construction Project Review, the Consultant shall complete the NJUCC permit application and all applicable technical sub-code sections. The "Agent Section" of the application and certification section of the building sub-code section shall be signed. These documents, with **six (6) sets of DCA approved, signed and sealed construction documents** shall be forwarded to the DPMC Project Manager.

The Consultant may obtain copies of all NJUCC permit applications at the following website:

https://www.nj.gov/dca/divisions/codes/resources/constructionpermitforms.html

All other required project permits shall be obtained and paid for by the Consultant in accordance with the procedures described in Paragraph VIII.B.

3. Prior Approval Certification Letters:

The issuance of a construction permit for this project may be contingent upon acquiring various "prior approvals" as defined by N.J.A.C. 5:23-1.4. It is the Consultant's responsibility to determine which prior approvals, if any, are required. The Consultant shall submit a general certification letter to the DPMC Plan & Code Review Unit Manager during the Permit Phase of this project that certifies all required prior approvals have been obtained.

In addition to the general certification letter discussed above, the following specific prior approval certification letters, where applicable, shall be submitted by the Consultant to the DPMC Plan & Code Review Unit Manager: Soil Erosion & Sediment Control, Water & Sewer Treatment Works Approval, Coastal Areas Facilities Review, Compliance of Underground Storage Tank Systems with N.J.A.C. 7:14B, Pinelands Commission, Highlands Council, Well Construction and Maintenance; Sealing of Abandoned Wells with N.J.A.C. 7:9D, Certification that all utilities have been disconnected from structures to be demolished, Board of Health Approval for Potable Water Wells, Health Department Approval for Septic Systems. It shall be noted that in accordance with N.J.A.C. 5:23-2.15(a)5, a permit cannot be issued until the letter(s) of certification is received.

4. Multi-building or Multi-site Permits:

A project that involves many buildings and/or sites requires that a separate permit shall be issued for each building or site. The Consultant must determine the construction cost estimate for *each* building and/or site location and submit that amount where indicated on the permit application.

5. Special Inspections:

In accordance with the requirements of the New Jersey Uniform Construction Code N.J.A.C. 5:23-2.20(b), Bulletin 03-5 and Chapter 17 of the International Building Code, the Consultant shall be responsible for the coordination of all special inspections during the construction phase of the project.

Bulletin 03-5 can be found at:

http://www.state.nj.us/dca/divisions/codes/publications/pdf_bulletins/b_03_5.pdf

a. Definition:

Special inspections are defined as an independent verification by a certified special inspector for **Class I buildings and smoke control systems in any class building**. The special inspector is to

be independent from the Contractor and responsible to the Consultant so that there is no possible conflict of interest.

Special inspectors shall be certified in accordance with the requirements in the New Jersey Uniform Construction Code.

b. Responsibilities:

The Consultant shall submit with the permit application, a list of special inspections and the agencies or special inspectors that will be responsible to carry out the inspections required for the project. The list shall be a separate document, on letter head, signed and sealed.

B. OTHER REGULATORY AGENCY PERMITS, CERTIFICATES AND APPROVALS

The Consultant shall identify and obtain all other State Regulatory Agency permits, certificates, and approvals that will govern and affect the work described in this Scope of Work. An itemized list of these permits, certificates, and approvals shall be included with the Consultant's Technical Proposal and the total amount of the application fees should be entered in the Fee Proposal line item entitled, **"Permit Fee Allowance."**

The Consultant may refer to the Division of Property Management and Construction "Procedures for Architects and Engineers Manual", Paragraph "**9. REGULATORY AGENCY APPROVALS"** which presents a compendium of State permits, certificates, and approvals that may be required for this project.

The Consultant shall determine the appropriate phase of the project to submit the permit application(s) in order to meet the approved project milestone dates.

Where reference to an established industry standard is made, it shall be understood to mean the most recent edition of the standard unless otherwise noted. If an industry standard is found to be revoked, or should the standard have undergone substantial change or revision from the time that the Scope of Work was developed, the Consultant shall comply with the most recent edition of the standard.

IX. ENERGY REBATE AND INCENTIVE PROGRAMS

The Consultant shall review any and all programs on the State and Federal level to determine if any proposed upgrades to the mechanical and/or electrical equipment and systems for this project qualify for approved rebates and incentives.

The Consultant shall review the programs available on the "New Jersey's Clean Energy Program" website at: http://www.njcleanenergy.com as well as federal websites and New Jersey electric and gas utility websites to determine if and how they can be applied to this project.

The Consultant shall identify all applicable rebates and incentives in their technical proposal and throughout the design phase.

The Consultant shall be responsible to complete the appropriate registration forms and applications, provide any applicable worksheets, manufacturer's specification sheets, calculations, attend meetings, and participate in all activities with designated representatives of the programs and utility companies to obtain the entitled financial incentives and rebates for this project.

All costs associated with this work shall be estimated by the Consultant and the amount included in the base bid of its fee proposal.

X. ALLOWANCES

A. PLAN REVIEW AND PERMIT FEE ALLOWANCE

The Consultant shall obtain and pay for all of the project permits in accordance with the guidelines identified below.

1. Permits:

The Consultant shall determine the various permits, certificates, and approvals required to complete this project.

2. Permit Costs:

The Consultant shall estimate the application fee costs for all of the required project permits, certificates, and approvals (excluding the NJ Uniform Construction Code permit) and include that amount in its fee proposal line item entitled **"Plan Review and Permit Fee Allowance"**. A breakdown of each permit and application fee shall be attached to the fee proposal for reference.

NOTE: The NJ Uniform Construction Code permit is excluded since it will be paid for by the State.

3. Applications:

The Consultant shall complete and submit all permit applications to the appropriate permitting authorities and the costs shall be paid from the Consultant's permit fee allowance. A copy of the application(s) and the original permit(s) obtained by the Consultant shall be given to the DPMC Project Manager for distribution during construction.

4. Consultant Fee:

The Consultant shall determine what is required to complete and submit the permit applications, obtain supporting documentation, attend meetings, etc., and include the total cost in the base bid of its fee proposal under the "Permit Phase" column.

Any funds remaining in the permit allowance will be returned to the State at the close of the project.

B. SITE GEOTECHNICAL ALLOWANCE

Consultant shall estimate the costs to complete the soils analysis and soils contamination testing and include that amount on their fee proposal line item entitled **"Site Geotechnical Allowance",** refer to paragraph VII.D.

Consultant shall attach a detailed cost breakdown sheet for use by DPMC during the proposal review and potential fee negotiations. The cost breakdown sheet shall include a description of the tasks to be performed and the estimated cost of each task.

Any funds remaining in the Site Geotechnical Allowance will be returned to the State at the close of the project.

C. UTILITY UPGRADE ALLOWANCE

Consultant shall estimate the costs to provide design and construction administration services for the potential upgrades to the utilities serving the site and include that amount on their fee proposal line item entitled **"Utility Upgrade Allowance",** refer to paragraph VII.G.3.

Consultant shall attach a detailed cost breakdown sheet for use by DPMC during the proposal review and potential fee negotiations. The cost breakdown sheet shall include a description of the tasks to be performed and the estimated cost of each task.

Any funds remaining in the Utility Upgrade Allowance will be returned to the State at the close of the project.

XI. SOW SIGNATURE APPROVAL SHEET

This Scope of Work shall not be considered a valid document unless all signatures appear in each designated area below.

The client agency approval signature on this page indicates that they have reviewed the design criteria and construction schedule described in this project Scope of Work (including the subsequent contract deliverables and exhibits) and verifies that the work will not conflict with the existing or future construction activities of other projects at the site.

SOW PREPARED BY: _____

CECILE GUIRGUIS, PROJECT MANAGER DATE
DPMC PROJECT PLANNING & INITIATION

SOW APPROVED BY: _____

JAMES WRIGHT, MANAGER DATE
DPMC PROJECT PLANNING & INITIATION

SOW APPROVED BY: _____

PAUL RAY, DIRECTOR DATE
OFFICE OF THE CHIEF STATE MEDICAL EXAMINER

SOW APPROVED BY: _____

KEVIN JENNINGS, DIRECTOR DATE
DEPARTMENT OF HEALTH REPRESENTATIVE

SOW APPROVED BY: _____

CHRISTIAN CASTEEL, DIRECTOR DATE
DEPARTMENT OF HUMAN SERVICES REPRESENTATIVE

SOW APPROVED BY: _____

VIJAY GANDHI, PROJECT MANAGER DATE
DPMC PROJECT MANAGEMENT GROUP

SOW APPROVED BY: _____

JEANETTE BARNARD, DEPUTY DIRECTOR DATE
CONTRACTS ADMINISTRATION

XII. CONTRACT DELIVERABLES

The following are checklists listing the Contract Deliverables that are required at the completion of each phase of this project. The Consultant shall refer to the DPMC publication entitled "Procedures for Architects and Engineers," 3.0 Edition, dated September 2022 available at https://www.nj.gov/treasury/dpmc/Assets/Files/ProceduresforArchitectsandEngineers.pdf for a detailed description of the deliverables required for each submission item listed. References to the applicable paragraphs of the "Procedures for Architects and Engineers" are provided.

Note that the Deliverables Checklist may include submission items that are "S.O.W. Specific Requirements". These requirements will be defined in the project specific scope of work and included on the deliverables checklist.

This project includes the following phases with the deliverables noted as "Required by S.O.W" on the Deliverables Checklist:

- **PROGRAM PHASE**
- **SCHEMATIC DESIGN PHASE**
- **DESIGN DEVELOPMENT PHASE**
- **FINAL DESIGN PHASE**
- **PERMIT APPLICATION PHASE**
- **BIDDING AND CONTRACT AWARD**
- **CONSTRUCTION PHASE**
- **PROJECT CLOSE-OUT PHASE**

XIII. EXHIBITS

A. SAMPLE PROJECT SCHEDULE FORMAT
B. PROJECT SITE LOCATION MAP
C. FEASIBILITY STUDY & ASSESSMENT REPORT
D. BIOSAFETY LAB LEVELS
E. IT COMPLIANCE LIST
F. RIGHT TO KNOW SURVEY
G. LABORATORY SCENARIO

END OF SCOPE OF WORK

Deliverables Checklist
Program Phase

A/E Name: _____

A/E Manual Reference	Submission Item	Required by S.O.W.		Previously Submitted		Enclosed	
		Yes	No	Yes	No	Yes	No
12.3.1.	A/E Statement of Site Visit						
12.3.2.	Narrative Description of Project						
12.3.3.	Building Code Information Questionnaire						
12.3.4.	Space Analysis						
12.3.5.	Special Features						
12.3.6.	Catalog Cuts						
12.3.7.	Site Evaluation						
12.3.8.	Subsurface Investigation						
12.3.9.	Surveys						
12.3.10.	Fine Arts Inclusion						
12.3.11.	Design Rendering						
12.3.12.	Regulatory Approvals						
12.3.13.	Utility Availability						
12.3.14.	Diagrammatic Sketches/Drawings (6 Sets)						
12.3.15.	Specifications (6 Sets)						
12.3.16.	Current Working Estimate/Cost Analysis						
12.3.17.	Project Schedule						
12.3.18.	Formal Presentation						
12.3.19.	Scope of Work Compliance Statement						
12.3.20.	Program Phase Deliverables Checklist						
S.O.W. Reference	**S.O.W. Specific Requirements**						

This checklist shall be completed by the Design Consultant and included as the cover sheet of this submission to document to the DPMC the status of all the deliverables required by the project specific Scope of Work.

_____ _____

Consultant Signature Date

DPMC Project No.: M1619-00

Deliverables Checklist
Schematic Design Phase

A/E Name: _____

A/E Manual Reference	Submission Item	Required by S.O.W.		Previously Submitted		Enclosed	
		Yes	No	Yes	No	Yes	No
13.4.1.	A/E Statement of Site Visit						
13.4.2.	Narrative Description of Project						
13.4.3.	Building Code Information Questionnaire						
13.4.4.	Space Analysis						
13.4.5.	Special Features						
13.4.6.	Catalog Cuts						
13.4.7.	Site Evaluation						
13.4.8.	Subsurface Investigation						
13.4.9.	Surveys						
13.4.10.	Arts Inclusion						
13.4.11.	Design Rendering						
13.4.12.	Regulatory Approvals						
13.4.13.	Utility Availability						
13.4.14.	Drawings (6 Sets)						
13.4.15.	Specifications (6 Sets)						
13.4.16.	Current Working Estimate/Cost Analysis						
13.4.17.	Project Schedule						
13.4.18.	Formal Presentation						
13.4.19.	Scope of Work Compliance Statement						
13.4.20.	Schematic Design Phase Deliverables Checklist						
S.O.W. Reference	**S.O.W. Specific Requirements**						

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_____ _____

Consultant Signature Date

DPMC Project No.: M1619-00

Deliverables Checklist
Design Development Phase

A/E Name: _____

A/E Manual Reference	Submission Item	Required by S.O.W.		Previously Submitted		Enclosed	
		Yes	No	Yes	No	Yes	No
14.4.1.	A/E Statement of Site Visit						
14.4.2.	Narrative Description of Project						
14.4.3.	Building Code Information Questionnaire						
14.4.4.	Space Analysis						
14.4.5.	Special Features						
14.4.6.	Catalog Cuts						
14.4.7.	Site Evaluation						
14.4.8.	Subsurface Investigation						
14.4.9.	Surveys						
14.4.10.	Arts Inclusion						
14.4.11.	Design Rendering						
14.4.12.	Regulatory Approvals						
14.4.13.	Utility Availability						
14.4.14.	Drawings (6 Sets)						
14.4.15.	Specifications (6 Sets)						
14.4.16.	Current Working Estimate/Cost Analysis						
14.4.17.	Project Schedule						
14.4.18.	Formal Presentation						
14.4.19.	Plan Review/Scope of Work Compliance Statement						
14.4.20.	Design development Phase Deliverables Checklist						
S.O.W. Reference	**S.O.W. Specific Requirements**						

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_____ _____

Consultant Signature Date

DPMC Project No.: M1619-00

Deliverables Checklist
Final Design Phase

A/E Name: _____

A/E Manual Reference	Submission Item	Required by S.O.W.		Previously Submitted		Enclosed	
		Yes	No	Yes	No	Yes	No
15.4.1.	A/E Statement of Site Visit						
15.4.2.	Narrative Description of Project						
15.4.3.	Building Code Information Questionnaire						
15.4.4.	Space Analysis						
15.4.5.	Special Features						
15.4.6.	Catalog Cuts						
15.4.7.	Site Evaluation						
15.4.8.	Subsurface Investigation						
15.4.9.	Surveys						
15.4.10.	Arts Inclusion						
15.4.11.	Design Rendering						
15.4.12.	Regulatory Approvals						
15.4.13.	Utility Availability						
15.4.14.	Drawings (6 Sets)						
15.4.15.	Specifications (6 Sets)						
15.4.16.	Current Working Estimate/Cost Analysis						
15.4.17.	Project Schedule						
15.4.18.	Formal Presentation						
15.4.19.	Plan Review/Scope of Work Compliance Statement						
15.4.20.	Final Design Phase Deliverables Checklist						
S.O.W. Reference	**S.O.W. Specific Requirements**						

This checklist shall be completed by the Design Consultant and included as the cover sheet of this submission to document to the DPMC the status of all the deliverables required by the project specific Scope of Work.

_____ _____

Consultant Signature Date

DPMC Project No.: M1619-00

Deliverables Checklist
Permit Application Phase

A/E Name: _____

A/E Manual Reference	Submission Item	Required by S.O.W.		Previously Submitted		Enclosed	
		Yes	No	Yes	No	Yes	No
16.1.	N.J. UCC Permit Application						
16.4.	Drawings, Signed and Sealed (6 Sets)						
16.5.	Specifications, Signed and Sealed (6 Sets)						
16.6.	Current Working Estimate/Cost Analysis						
16.7.	Project Schedule						
16.8.	Plan Review/Scope of Work Compliance Statement						
16.9.	Permit Application Phase Deliverables Checklist						
S.O.W. Reference	**S.O.W. Specific Requirements**						

This checklist shall be completed by the Design Consultant and included as the cover sheet of this submission to document to the DPMC Project Manager the status of all the deliverables required by the project specific Scope of Work.

_____ _____

Consultant Signature Date

DPMC Project No.: M1619-00

Deliverables Checklist
Bidding and Contract Award Phase

A/E Name: _____

A/E Manual Reference	Submission Item	Required by S.O.W.		Previously Submitted		Enclosed	
		Yes	No	Yes	No	Yes	No
17.1.1.	Notice of Advertising						
17.1.2.	Bid Proposal Form						
17.1.3.	Bid Clearance Form						
17.1.4.	Drawings (6 Sets)						
17.1.5.	Specifications (6 Sets)						
17.1.6.	Construction Schedule						
17.3	Pre-Bid Conference/Mandatory Site Visit						
17.3.1.	Meeting Minutes						
17.4	Bulletins						
17.5	Post Bid Meeting						
17.6.	Contract Award "Letter of Recommendation"						
17.8.	Bid Protests - Hearings						
17.9.	Bidding and Contract Award Phase Deliverables Checklist						
S.O.W. Reference	**S.O.W. Specific Requirements**						

This checklist shall be completed by the Design Consultant and included as the cover sheet of this submission to document to the DPMC the status of all the deliverables required by the project specific Scope of Work.

_____ _____

Consultant Signature Date

DPMC Project No.: M1619-00

Deliverables Checklist
Construction Phase

A/E Name: _____

A/E Manual Reference	Submission Item	Required by S.O.W.		Previously Submitted		Enclosed	
		Yes	No	Yes	No	Yes	No
18.2.	Pre-Construction Meeting						
18.3.	Submittal Log						
18.4.	Construction Schedule						
18.5.	Project Progress Meetings						
18.7.	Contractor's Invoicing and Payment Process						
18.8.	Contractor Submittals						
18.10.	Testing						
18.11.	Shop Drawings (6 Sets)						
18.12.	As-Built & Record Set Drawings (6 Sets)						
18.13.	Change Orders						
18.14.	Construction Photographs						
18.15.	Field Observations						
18.17.	Construction Phase Deliverables Checklist						
S.O.W. Reference	**S.O.W. Specific Requirements**						

This checklist shall be completed by the Design Consultant and included as the cover sheet of this submission to document to the DPMC the status of all the deliverables required by the project specific Scope of Work.

_____ _____

Consultant Signature Date

DPMC Project No.: M1619-00

Deliverables Checklist
Project Close-Out Phase

A/E Name: _____

A/E Manual Reference	Submission Item	Required by S.O.W.		Previously Submitted		Enclosed	
		Yes	No	Yes	No	Yes	No
19.3.	Development of Punch List and Inspection Reports						
19.5.	Determination of Substantial Completion						
19.6.	Correction/Completion of Punch List						
19.7.	Submission of Close-Out Documentation						
19.7.1.	As-Built and Record Sets of Drawing (6 Sets)						
19.8.	Final Payment						
19.9.1.	Contractors Final Payment						
19.9.2.	A/E's Final Payment						
19.10.	Project Close-Out Phase Deliverables Checklist						
S.O.W. Reference	**S.O.W. Specific Requirements**						

This checklist shall be completed by the Design Consultant and included as the cover sheet of this submission to document to the DPMC the status of all the deliverables required by the project specific Scope of Work.

_____ _____

Consultant Signature Date

XI. SOW SIGNATURE APPROVAL SHEET

This Scope of Work shall not be considered a valid document unless all signatures appear in each designated area below.

The client agency approval signature on this page indicates that they have reviewed the design criteria and construction schedule described in this project Scope of Work (including the subsequent contract deliverables and exhibits) and verifies that the work will not conflict with the existing or future construction activities of other projects at the site.

SOW PREPARED BY: Cecile Guirguis 06-05-2024
CECILE GUIRGUIS, PROJECT MANAGER DATE
DPMC PROJECT PLANNING & INITIATION

SOW APPROVED BY: James Wright 6/5/2024
JAMES WRIGHT, MANAGER DATE
DPMC PROJECT PLANNING & INITIATION

SOW APPROVED BY: 6/5/2024
PAUL RAY, DIRECTOR DATE
OFFICE OF THE CHIEF STATE MEDICAL EXAMINER

SOW APPROVED BY: 6-6-24
KEVIN JENNINGS, DIRECTOR DATE
DEPARTMENT OF HEALTH REPRESENTATIVE

SOW APPROVED BY: 6/6/24
CHRISTIAN CASTEEL, DIRECTOR DATE
DEPARTMENT OF HUMAN SERVICES REPRESENTATIVE

SOW APPROVED BY: Vijay Gandhi 06/11/2024
VIJAY GANDHI, PROJECT MANAGER DATE
DPMC PROJECT MANAGEMENT GROUP

Type text here

SOW APPROVED BY: Jeanette M Barnard 6.12.24
JEANETTE BARNARD, DEPUTY DIRECTOR DATE
CONTRACTS ADMINISTRATION

XII. CONTRACT DELIVERABLES

The following are checklists listing the Contract Deliverables that are required at the completion of each phase of this project. The Consultant shall refer to the DPMC publication entitled "Procedures for Architects and Engineers," 3.0 Edition, dated September 2022 available at https://www.nj.gov/treasury/dpmc/Assets/Files/ProceduresforArchitectsandEngineers.pdf for a detailed description of the deliverables required for each submission item listed. References to the applicable paragraphs of the "Procedures for Architects and Engineers" are provided.

Note that the Deliverables Checklist may include submission items that are "S.O.W. Specific Requirements". These requirements will be defined in the project specific scope of work and included on the deliverables checklist.

This project includes the following phases with the deliverables noted as "Required by S.O.W" on the Deliverables Checklist:

- **PROGRAM PHASE**
- **SCHEMATIC DESIGN PHASE**
- **DESIGN DEVELOPMENT PHASE**
- **FINAL DESIGN PHASE**
- **PERMIT APPLICATION PHASE**
- **BIDDING AND CONTRACT AWARD**
- **CONSTRUCTION PHASE**
- **PROJECT CLOSE-OUT PHASE**

XIII. EXHIBITS

A. SAMPLE PROJECT SCHEDULE FORMAT
B. PROJECT SITE LOCATION MAP
C. FEASIBILITY STUDY & ASSESSMENT REPORT
D. BIOSAFETY LAB LEVELS
E. IT COMPLIANCE LIST
F. RIGHT TO KNOW SURVEY
G. LABORATORY SCENARIO

END OF SCOPE OF WORK

Deliverables Checklist
Program Phase

A/E Name: _____

A/E Manual Reference	Submission Item	Required by S.O.W.		Previously Submitted		Enclosed	
		Yes	No	Yes	No	Yes	No
12.3.1.	A/E Statement of Site Visit						
12.3.2.	Narrative Description of Project						
12.3.3.	Building Code Information Questionnaire						
12.3.4.	Space Analysis						
12.3.5.	Special Features						
12.3.6.	Catalog Cuts						
12.3.7.	Site Evaluation						
12.3.8.	Subsurface Investigation						
12.3.9.	Surveys						
12.3.10.	Fine Arts Inclusion						
12.3.11.	Design Rendering						
12.3.12.	Regulatory Approvals						
12.3.13.	Utility Availability						
12.3.14.	Diagrammatic Sketches/Drawings (6 Sets)						
12.3.15.	Specifications (6 Sets)						
12.3.16.	Current Working Estimate/Cost Analysis						
12.3.17.	Project Schedule						
12.3.18.	Formal Presentation						
12.3.19.	Scope of Work Compliance Statement						
12.3.20.	Program Phase Deliverables Checklist						
S.O.W. Reference	**S.O.W. Specific Requirements**						

This checklist shall be completed by the Design Consultant and included as the cover sheet of this submission to document to the DPMC the status of all the deliverables required by the project specific Scope of Work.

_____ _____

Consultant Signature Date

DPMC Project No.: M1619-00

Deliverables Checklist
Schematic Design Phase

A/E Name: _____

A/E Manual Reference	Submission Item	Required by S.O.W.		Previously Submitted		Enclosed	
		Yes	No	Yes	No	Yes	No
13.4.1.	A/E Statement of Site Visit						
13.4.2.	Narrative Description of Project						
13.4.3.	Building Code Information Questionnaire						
13.4.4.	Space Analysis						
13.4.5.	Special Features						
13.4.6.	Catalog Cuts						
13.4.7.	Site Evaluation						
13.4.8.	Subsurface Investigation						
13.4.9.	Surveys						
13.4.10.	Arts Inclusion						
13.4.11.	Design Rendering						
13.4.12.	Regulatory Approvals						
13.4.13.	Utility Availability						
13.4.14.	Drawings (6 Sets)						
13.4.15.	Specifications (6 Sets)						
13.4.16.	Current Working Estimate/Cost Analysis						
13.4.17.	Project Schedule						
13.4.18.	Formal Presentation						
13.4.19.	Scope of Work Compliance Statement						
13.4.20.	Schematic Design Phase Deliverables Checklist						
S.O.W. Reference	**S.O.W. Specific Requirements**						

This checklist shall be completed by the Design Consultant and included as the cover sheet of this submission to document to the DPMC the status of all the deliverables required by the project specific Scope of Work.

_____ _____

Consultant Signature Date

DPMC Project No.: M1619-00

Deliverables Checklist
Design Development Phase

A/E Name: _____

A/E Manual Reference	Submission Item	Required by S.O.W.		Previously Submitted		Enclosed	
		Yes	No	Yes	No	Yes	No
14.4.1.	A/E Statement of Site Visit						
14.4.2.	Narrative Description of Project						
14.4.3.	Building Code Information Questionnaire						
14.4.4.	Space Analysis						
14.4.5.	Special Features						
14.4.6.	Catalog Cuts						
14.4.7.	Site Evaluation						
14.4.8.	Subsurface Investigation						
14.4.9.	Surveys						
14.4.10.	Arts Inclusion						
14.4.11.	Design Rendering						
14.4.12.	Regulatory Approvals						
14.4.13.	Utility Availability						
14.4.14.	Drawings (6 Sets)						
14.4.15.	Specifications (6 Sets)						
14.4.16.	Current Working Estimate/Cost Analysis						
14.4.17.	Project Schedule						
14.4.18.	Formal Presentation						
14.4.19.	Plan Review/Scope of Work Compliance Statement						
14.4.20.	Design development Phase Deliverables Checklist						
S.O.W. Reference	**S.O.W. Specific Requirements**						

This checklist shall be completed by the Design Consultant and included as the cover sheet of this submission to document to the DPMC the status of all the deliverables required by the project specific Scope of Work.

_____ _____

Consultant Signature Date

DPMC Project No.: M1619-00

Deliverables Checklist
Final Design Phase

A/E Name: _____

A/E Manual Reference	Submission Item	Required by S.O.W.		Previously Submitted		Enclosed	
		Yes	No	Yes	No	Yes	No
15.4.1.	A/E Statement of Site Visit						
15.4.2.	Narrative Description of Project						
15.4.3.	Building Code Information Questionnaire						
15.4.4.	Space Analysis						
15.4.5.	Special Features						
15.4.6.	Catalog Cuts						
15.4.7.	Site Evaluation						
15.4.8.	Subsurface Investigation						
15.4.9.	Surveys						
15.4.10.	Arts Inclusion						
15.4.11.	Design Rendering						
15.4.12.	Regulatory Approvals						
15.4.13.	Utility Availability						
15.4.14.	Drawings (6 Sets)						
15.4.15.	Specifications (6 Sets)						
15.4.16.	Current Working Estimate/Cost Analysis						
15.4.17.	Project Schedule						
15.4.18.	Formal Presentation						
15.4.19.	Plan Review/Scope of Work Compliance Statement						
15.4.20.	Final Design Phase Deliverables Checklist						
S.O.W. Reference	**S.O.W. Specific Requirements**						

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_____ _____

Consultant Signature Date

DPMC Project No.: M1619-00

Deliverables Checklist
Permit Application Phase

A/E Name: _____

A/E Manual Reference	Submission Item	Required by S.O.W.		Previously Submitted		Enclosed	
		Yes	No	Yes	No	Yes	No
16.1.	N.J. UCC Permit Application						
16.4.	Drawings, Signed and Sealed (6 Sets)						
16.5.	Specifications, Signed and Sealed (6 Sets)						
16.6.	Current Working Estimate/Cost Analysis						
16.7.	Project Schedule						
16.8.	Plan Review/Scope of Work Compliance Statement						
16.9.	Permit Application Phase Deliverables Checklist						
S.O.W. Reference	**S.O.W. Specific Requirements**						

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_____ _____

Consultant Signature Date

DPMC Project No.: M1619-00

Deliverables Checklist
Bidding and Contract Award Phase

A/E Name: _____

A/E Manual Reference	Submission Item	Required by S.O.W.		Previously Submitted		Enclosed	
		Yes	No	Yes	No	Yes	No
17.1.1.	Notice of Advertising						
17.1.2.	Bid Proposal Form						
17.1.3.	Bid Clearance Form						
17.1.4.	Drawings (6 Sets)						
17.1.5.	Specifications (6 Sets)						
17.1.6.	Construction Schedule						
17.3	Pre-Bid Conference/Mandatory Site Visit						
17.3.1.	Meeting Minutes						
17.4	Bulletins						
17.5	Post Bid Meeting						
17.6.	Contract Award "Letter of Recommendation"						
17.8.	Bid Protests - Hearings						
17.9.	Bidding and Contract Award Phase Deliverables Checklist						
S.O.W. Reference	**S.O.W. Specific Requirements**						

This checklist shall be completed by the Design Consultant and included as the cover sheet of this submission to document to the DPMC the status of all the deliverables required by the project specific Scope of Work.

_____ _____

Consultant Signature Date

DPMC Project No.: M1619-00

Deliverables Checklist
Construction Phase

A/E Name: _____

A/E Manual Reference	Submission Item	Required by S.O.W.		Previously Submitted		Enclosed	
		Yes	No	Yes	No	Yes	No
18.2.	Pre-Construction Meeting						
18.3.	Submittal Log						
18.4.	Construction Schedule						
18.5.	Project Progress Meetings						
18.7.	Contractor's Invoicing and Payment Process						
18.8.	Contractor Submittals						
18.10.	Testing						
18.11.	Shop Drawings (6 Sets)						
18.12.	As-Built & Record Set Drawings (6 Sets)						
18.13.	Change Orders						
18.14.	Construction Photographs						
18.15.	Field Observations						
18.17.	Construction Phase Deliverables Checklist						
S.O.W. Reference	**S.O.W. Specific Requirements**						

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_____ _____

Consultant Signature Date

DPMC Project No.: M1619-00

Deliverables Checklist
Project Close-Out Phase

A/E Name: _____

A/E Manual Reference	Submission Item	Required by S.O.W.		Previously Submitted		Enclosed	
		Yes	No	Yes	No	Yes	No
19.3.	Development of Punch List and Inspection Reports						
19.5.	Determination of Substantial Completion						
19.6.	Correction/Completion of Punch List						
19.7.	Submission of Close-Out Documentation						
19.7.1.	As-Built and Record Sets of Drawing (6 Sets)						
19.8.	Final Payment						
19.9.1.	Contractors Final Payment						
19.9.2.	A/E's Final Payment						
19.10.	Project Close-Out Phase Deliverables Checklist						
S.O.W. Reference	**S.O.W. Specific Requirements**						

This checklist shall be completed by the Design Consultant and included as the cover sheet of this submission to document to the DPMC the status of all the deliverables required by the project specific Scope of Work.

_____ _____

Consultant Signature Date

February 7, 1997
Rev.: January 29, 2002

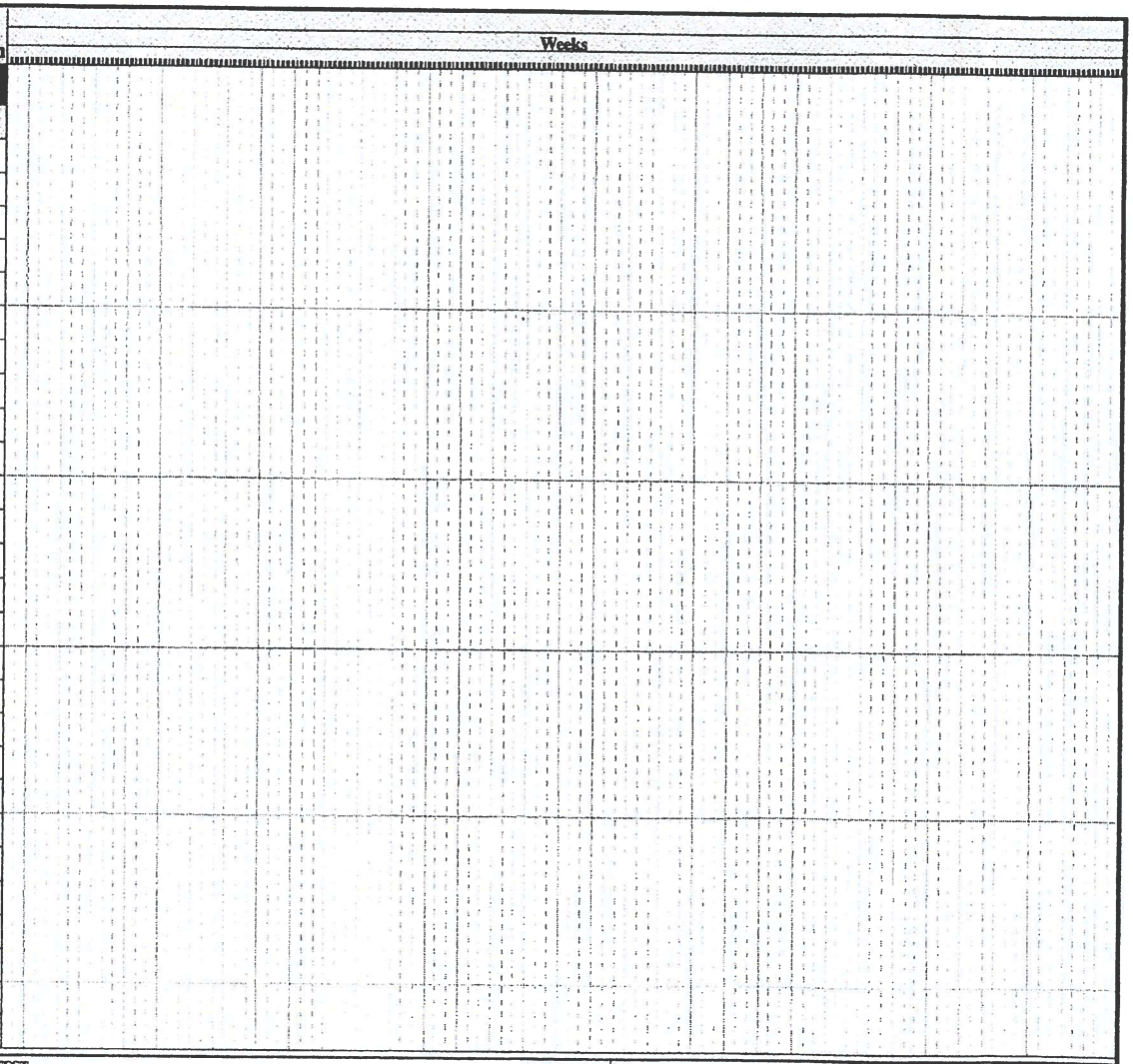
Responsible Group Code Table

The codes below are used in the schedule field "GRP" that identifies the group responsible for the activity. The table consists of groups in the Division of Property Management & Construction (DPMC), as well as groups outside of the DPMC that have responsibility for specific activities on a project that could delay the project if not completed in the time specified. For reporting purposes, the groups within the DPMC have been defined to the supervisory level of management (i.e., third level of management, the level below the Associate Director) to identify the "functional group" responsible for the activity.

CODE	DESCRIPTION	REPORTS TO ASSOCIATE DIRECTOR OF:
CM	Contract Management Group	Contract Management
CA	Client Agency	N/A
CSP	Consultant Selection and Prequalification Group	Technical Services
A/E	Architect/Engineer	N/A
PR	Plan Review Group	Technical Services
CP	Construction Procurement	Planning & Administration
CON	Construction Contractor	N/A
FM	Financial Management Group	Planning & Administration
OEU	Office of Energy and Utility Management	N/A
PD	Project Development Group	Planning & Administration

EXHIBIT 'A'

Activity ID	Description	Rspn
<PROJ>		
Design		
CV3001	Schedule/Conduct Predesign/Project Kick-Off Mtg.	CM
CV3020	Prepare Program Phase Submittal	AE
CV3021	Distribute Program Submittal for Review	CM
CV3027	Prepare & Submit Project Cost Analysis (DPMC-38)	CM
CV3022	Review & Approve Program Submittal	CA
CV3023	Review & Approve Program Submittal	PR
CV3024	Review & Approve Program Submittal	CM
CV3025	Consolidate & Return Program Submittal Comments	CM
CV3030	Prepare Schematic Phase Submittal	AE
CV3031	Distribute Schematic Submittal for Review	CM
CV3037	Prepare & Submit Project Cost Analysis (DPMC-38)	CM
CV3032	Review & Approve Schematic Submittal	CA
CV3033	Review & Approve Schematic Submittal	PR
CV3034	Review & Approve Schematic Submittal	CM
CV3035	Consolidate & Return Schematic Submittal Comment	CM
CV3040	Prepare Design Development Phase Submittal	AE
CV3041	Distribute D. D. Submittal for Review	CM
CV3047	Prepare & Submit Project Cost Analysis (DPMC-38)	CM
CV3042	Review & Approve Design Development Submittal	CA
CV3043	Review & Approve Design Development Submittal	PR
CV3044	Review & Approve Design Development Submittal	CM
CV3045	Consolidate & Return D.D. Submittal Comments	CM
CV3050	Prepare Final Design Phase Submittal	AE
CV3051	Distribute Final Design Submittal for Review	CM
CV3052	Review & Approve Final Design Submittal	CA
CV3053	Review & Approve Final Design Submittal	PR
CV3054	Review Final Design Submitl for Constructability	OCS



NOTE:
Refer to section "IV Project Schedule" of the Scope of Work for contract phase durations.

DBCA - TEST

Sheet 1 of 3

Bureau of Design & Construction Services

EXHIBIT 'A'

Activity ID	Description	Rspn	Weeks
CV3055	Review & Approve Final Design Submittal	CM	
CV3056	Consolidate & Return Final Design Comments	CM	
CV3060	Prepare & Submit Permit Application Documents	AE	
CV3068	Prepare & Submit Bidding Cost Analysis (DPMC-38)	CM	
Plan Review-Permit Acquisition			
CV4001	Review Constr. Documents & Secure UCC Permit	PR	
CV4010	Provide Funding for Construction Contracts	CA	
CV4020	Secure Bid Clearance	CM	
Advertise-Bid-Award			
CV5001	Advertise Project & Bid Construction Contracts	CP	
CV5010	Open Construction Bids	CP	
CV5011	Evaluate Bids & Prep. Recommendation for Award	CM	
CV5012	Evaluate Bids & Prep. Recommendation for Award	AE	
CV5014	Complete Recommendation for Award	CP	
CV5020	Award Construction Contracts/Issue NTP	CP	
Construction			
CV6000	Project Construction Start/Issue NTP	CM	
CV6001	Contract Start/Contract Work (25%) Complete	CON	
CV6002	Preconstruction Meeting	CM	
CV6003	Begin Preconstruction Submittals	CON	
CV6004	Longest Lead Procurement Item Ordered	CON	
CV6005	Lead Time for Longest Lead Procurement Item	CON	
CV6006	Prepare & Submit Shop Drawings	CON	
CV6007	Complete Construction Submittals	CON	
CV6011	Roughing Work Start	CON	
CV6012	Perform Roughing Work	CON	
CV6010	Contract Work (50%+) Complete	CON	
CV6013	Longest Lead Procurement Item Delivered	CON	
CV6020	Contract Work (75%) Complete	CON	

NOTE:
Refer to section "IV Project Schedule" of the Scope of Work for contract phase durations.

DBCA - TEST

Sheet 2 of 3

Bureau of Design & Construction Services

EXHIBIT 'A'

Activity ID	Description	Rspn	Weeks
CV6014	Roughing Work Complete	CON	
CV6021	Interior Finishes Start	CON	
CV6022	Install Interior Finishes	CON	
CV6030	Contract Work to Substantial Completion	CON	
CV6031	Substantial Completion Declared	CM	
CV6075	Complete Deferred Punch List/Seasonal Activities	CON	
CV6079	Project Construction Complete	CM	
CV6080	Close Out Construction Contracts	CM	
CV6089	Construction Contracts Complete	CM	
CV6090	Close Out A/E Contract	CM	
CV6092	Project Completion Declared	CM	

NOTE:
Refer to section "IV Project Schedule" of the Scope of Work for contract phase durations.

DBCA - TEST

Sheet 3 of 3

Bureau of Design & Construction Services

EXHIBIT 'A'

Southern Region Medical Examiner's Office

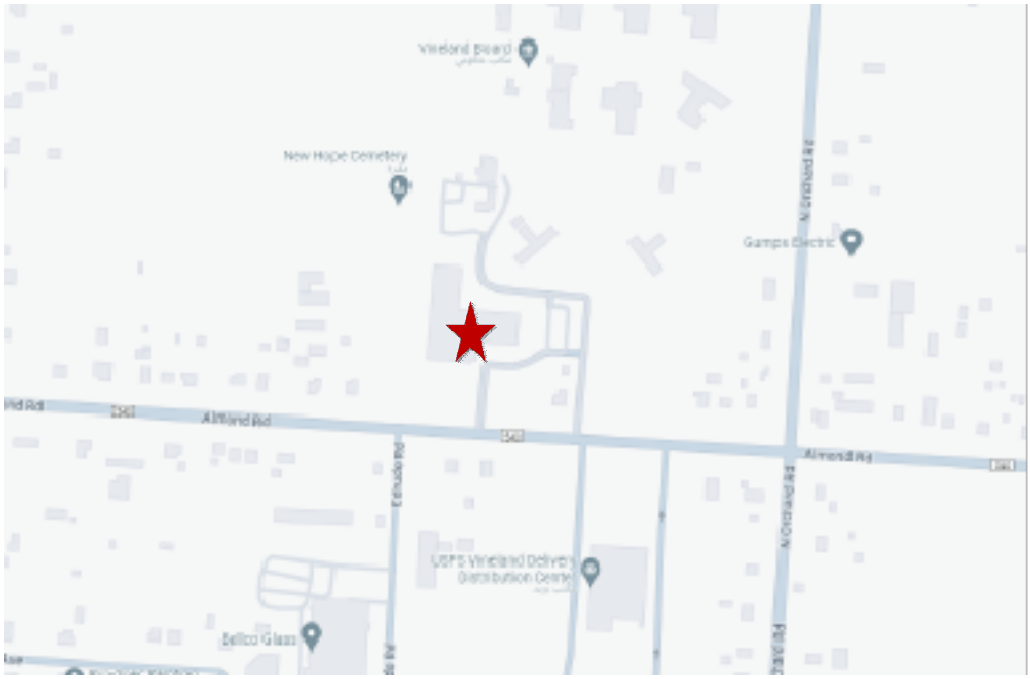


EXHIBIT 'B'

R0257-00 WO #1

R0242-00 WO #4

Southern Regional Medical Examiner's Office, Vineland Developmental Center

FEASIBILITY STUDY & ASSESSMENT REPORT

ARCHITECT: Lammey + Giorgio

MEPFP: Mott McDonald

CIVIL: Mott McDonald

DATE: March 20th, 2024

EXHIBIT 'C'

TABLE OF CONTENTS

Table of Contents

EXHIBIT 'C'

EXHIBIT 'C'

CHAPTER 1 – EXECUTIVE SUMMARY

The main purpose of this study is to determine for the Department of Human Services (DHS) and the Department of Health (DOH) the feasibility of repurposing the existing Learning Center (TLC) building on the Vineland Developmental Campus (VDC) to accommodate the program for the Southern Regional Medical Examiner's Office. Additionally, conceptual plans for both the site and building were provided along with a code review, a programming document, and a cost analysis.

Lammey + Giorgio (L+G) along with their sub consultants, Mott MacDonald (MM), conducted site visits to review the existing conditions of the building and the site. Furthermore L+G and MM reviewed the existing documents that were provided by DHS and DOH to get a better understanding of the existing building and site conditions. An analysis of the existing conditions is provided within this assessment with the areas identified that will need to be modified to accommodate the new occupancy use.

L+G was provided with the Space Planning Request (SPR) and through collaborative sessions with DOH a final program document was generated. Additionally, DOH provide L+G with existing drawings of other DOH medical examiner offices within the state as a reference for the layout of the facility type. DOH did request that a Mass Casualty Storage space be included in the program and that the space occupy the entire area of the existing gymnasium. However, with a space that large the original program will need to be reduced to fit within the existing TLC building. L+G generated the conceptual space planning sketch with a reduced Mass Casualty Storage space to allow for the entire program to fit within the existing building. Should the Mass Casualty Storage space need to increase then DOH will need to review what program can be removed or consider an addition to the existing building to accommodate the entire program. However, L+G has been able to determine that the requested program will fit within the existing TLC building with a reduced Mass Casualty Storage area.

A code review was conducted for the change of use for the TLC. The impacts and which section of the Rehabilitation Subcode will need to be complied with are outlined within the code review exhibit. Additionally, L+G provided an initial code review for the project against the New Jersey Rehabilitation Subcode which is the code that governs existing buildings.

Finally, L+G provided two cost analysis options for the project. The first cost estimate was generated to provide the cost for the renovation of the existing building to accommodate the new program. The second cost estimate was to determine the cost of building a new comparable facility.

CHAPTER 2 – CIVIL

Site Structures and Roadways

The former Vineland Development Center West Campus is located on the 68.272-acre Block 2101 Lot 53. In 2023, the lot was subdivided to create a 7.971-acre Lot 53.02 which will be available for this project. This Lot 53.02 contains an existing masonry building, 'The Learning Center', and a wood frame house with detached garage. There are also two areas which were previously used as playgrounds. One playground has two small wooden sheds. Refer to Exhibit A for Owner supplied existing site plan.

The existing wood frame house, garage, playgrounds, and wooden sheds will all need to be completely removed.

Figure 2.1: Wood Frame House

Figure 2.2: Detached Garage

Figure 2.3: Loose Rubber Play Area with Two Sheds

EXHIBIT 'C'

Figure 2.4: Fenced Area (Prior Playground)

The existing roads were designed for one-way traffic with a separate entrance and exit. The subdivision provides a 20' wide easement for both ingress and egress to the other two lots and so the one-way entrance roadway will be adapted for two-way traffic.

The roadways will need to be redesigned to accommodate two-way traffic and maintain the access easement. This work will include the associated curbing and grading for the roads. Roads will need to be sized for the turning radii of the 55' storage trailers which will be stored onsite. Driveways will need to be installed so that funeral home vehicles and vehicles involved in accidents can enter the building for loading/unloading and vehicular extractions, respectively.

If the subdivision has not been finalized, consideration should be given to how the lot was subdivided and the proposed use.

Security Fencing

There is an existing fencing around the original Block 2101 Lot 53 which is in a fair condition. There are sections of fencing where the barbed wire is damaged or missing. The entrance and exist gates are both double-swing chain link gates which need to manually opened/closed and locked.

Additional fencing would be required to enclose Lot 53.02. Motorized gates with controlled access should be considered. New fencing is required to provide a secure fenced in area with gates for the 55' storage trailers area.

Figure 2.5: Entrance Gate

Figure 2.5: Exit Gate

Parking

Currently there is one parking lot which provides 32 parking spaces. In a separate lot, there is two ADA striped parking spaces which are poorly laid out and look difficult to park in.

The project demands a significant increase in parking. There is a need for employee and visitor parking totaling (50) cars plus at least two (2) ADA parking spaces. A separate area is needed for six (6) funeral home vehicles and five (5) 16' box trucks. There are (20) 55' storage trailers which will need to be stored on site. These trailers are used for off-site refrigerated body storage. The limited onsite space requires the trailers to be parked in a manner which will block access to the trailers in the back.

EXHIBIT 'C'

Figure 2.6: Parking Lot (32 Spaces)

Figure 2.7: ADA Parking Lot (2 Spaces)

Loading Docks

The existing building does not have any loading docks or overhead doors to accept bulk deliveries.

EXHIBIT 'C'

A loading dock with two bays is requested for receiving and loading. A separate, dedicated loading dock is requested for hazardous waste and plant operations. Space for refuse dumpster would also need to be provided. Grading in this area will be lowered so bed of the truck being loaded is in line with the building's finished floor.

Utilities

The building is supplied by city water and sewer. The size of the domestic water line into the site is not known but a 3" pipe comes into the building.

The fire protection supply pipe is 8" according to the mark-outs in the roadway. The sewer pipe coming into the site appears to be a 10" pipe as shown on the Eckert & Gatarz site plan. The size of the natural gas was not determined. Although not part of the scope of work for this study, the routing of the utilities will need to be determined to confirm any potential conflicts.

The existing domestic water, fire protection supply line, natural gas piping, and sanitary connections have remained in service and would be suitable for the building's proposed use.

Infrastructure will be required to provide a fuel source for the emergency generator. If a natural gas generator is chosen, it would need a dedicated gas meter and additional piping.

Figure 2.8: Domestic Water Into Building

Site Grading and Drainage

The site's elevations, as shown on the Eckert & Gatarz site plan, range from 74 feet to 95 feet, excluding the infiltration basin with a bottom of 70 feet. The building's top of slab is 88.5 feet. No signs of erosion, stormwater damage, or flooding was observed.

The existing stormwater system consists of a network of cast iron inlets and reinforced concrete pipes which drain into an on-site infiltration basin. The building's roof leaders drain to the surface with the water directed towards one of the several catch basins surrounding the building. Inlets also collect the stormwater from the parking areas and roadways. Several inlets are damaged but no apparent issues with the stormwater piping.

Figure 2.9: Roof Leaders and Inlets Around Building

Figure 2.10: Example of Inlet in Parking Area

EXHIBIT 'C'

Figure 2.11: Example of Damaged Inlet

The infiltration basin has been left unmaintained and trees and brush have established within it. Based on the vegetation observed, the basin may now even be delineated as wetlands. Additionally, while not included in the scope of work for this study, it is recommended that it be reviewed to determine if any area will be classified as wetlands within the boundary of the site.

Figure 2.12: Unmaintained Infiltration Basin

No major grading is anticipated except at the proposed loading docks to allow for loading and unloading trucks. A new parking and roadway layout could be achieved with minor grading.

The existing stormwater piping would need modifications to allow for the loading docks. Inlets would be installed at the low points of the of the loading ramps and piping would need to be relocated to accommodate the excavations. Additional inlets will be needed for the new parking layout. Other inlets in roadways may need to be reset to new elevations. The increase in parking also results in additional impervious coverage, and therefore, more stormwater to manage. A stormwater analysis will be required to determine if the basin's size

and infiltration rate is adequate. If the stormwater analysis indicates the existing basin to be inadequate, then the existing basin will be enlarged or an additional basin will need to be constructed. Space is available on-site for either scenario. Refer to Exhibit B for Site Sketch.

CHAPTER 3 – ARCHITECTURE

Existing Conditions

The existing building identified as The Learning Center (TLC) is located on the Vineland Developmental Center (VDC) West Campus and was constructed in the late 1970's. It is one of the newer buildings on the West Campus and is considered by DHS as the only building worth preserving. The building was previously utilized as a school facility and has been offline since the VDC West Campus closed in 2012. Based on the review of owner supplied documents the existing building has a total building area of approximately 43,575 square feet. Refer to Exhibit C. The configuration of the existing building consists of a north wing, east wing, and a south wing that accommodates the existing gymnasium.

Exterior

The typical exterior façade of the building is made up of multiple materials. A brick veneer commences at grade and terminates at approximately 7'-0" above grade. The façade transitions from brick to a painted metal panel at approximately 7'-0" above grade and terminates at approximately 11'-0" above grade. An approximate 1'-0" high painted metal fascia completes the composition of the façade and terminates approximately 12'-0" above grade at the underside of the existing roof overhang (See figure 3.1).

Figure 3.1 Typical elevation

The typical façade assembly outlined above is broken up throughout with portions of painted metal framing walls that include painted metal infill panels along the bottom third of the wall. The remainder of the wall consists of glazed infill panels within the painted metal framing. Solid painted metal access doors are also located within these portions of walls that enclose the previous classrooms and Arts & Crafts uses. This wall assembly commences at grade and terminates at the underside of the painted metal wall panel that is consistent with the typical façade assembly (See figure 3.2 & 3.3).

Figure 3.2 Window wall elevation

Figure 3.3 Typical window wall

The glass and metal panel portions of the façade are recessed into the building and have a painted metal soffit ceiling with recessed light fixtures (See figure 3.4). Along the south façade at the existing Trash Room the recessed area has a painted plaster ceiling (See figure 3.5). The primary entrance vestibule is located along a portion of the north façade. Pairs of aluminum and glass frame doors along with aluminum framed glass walls provide the makeup of the assembly of the primary vestibule. Four (4) secondary vestibules are located at the north, south, and east elevations. The north and east elevation each have one secondary vestibule while the south elevation has two. The construction of the secondary vestibules consists of brick veneer walls, aluminum and glass framed entrances with pairs of aluminum and glass doors (See figure 3.6).

Figure 3.4 Metal soffit ceiling

Figure 3.5 Painted plaster ceiling

EXHIBIT 'C'

Figure 3.6 Typical vestibule

The existing roof systems on TLC include a flat built-up roofing system and a steep sloped asphalt/fiberglass shingle roof system (See figure 3.7 & 3.8). Based on the review of owner supplied documents both systems were replaced in 2002. The existing flat roof system is only located in a portion of roof area above the exiting Gymnasium space and can be accessed via a roof hatch that is accessed by a caged ladder within the existing Stage Area (See figure 3.9). All other roof areas have a steep sloped asphalt/fiberglass roof system. Continuous painted aluminum gutters are located along the entire perimeter edge of the building with painted aluminum rainwater leaders to handle the rainwater that drains from the steep sloped roof system. The existing flat roof system drains via four (4) 5" diameter roof drains that are equally distributed along the east and west edge of the roof. Two (2) overflow through wall scuppers, one on the east and one on the west edge of the roof, are provided should the primary roof drains not function and the overflow scuppers distribute the rainwater from the flat roof to the steep sloped roof areas (See figure 3.10).

Figure 3.7 Typical flat built up roof

Figure 3.8 Typical shingle roof

Figure 3.9 Roof access

Figure 3.10 Typical roof drain and overflow

Interior

The interior finishes and partition types vary based on the programmatic function of each space. Most of the existing partitions that were observed in the field and reviewed on the owner supplied documents consisted of painted concrete masonry units (CMU) (See figure 3.11). Additionally, there are existing partitions that are used at the office and conference room spaces in the east wing that are constructed of metal studs with 2" sound attenuation blankets with ¾" plaster over metal lath (See figure 3.12). Refer to Exhibit C. The existing partitions in the toilet rooms are constructed of CMU with wall tile finish from floor to ceiling.

EXHIBIT 'C'

Figure 3.11 Typical CMU wall

Figure 3.12 Typical paint gypsum wall

Existing floor finishes observed throughout the building include carpet tile (See figure 3.13), porcelain floor tile (See figure 3.14), and vinyl composite tile (VCT). VCT was used primarily in classrooms, multipurpose rooms, storage rooms, and building support spaces (See figure 3.15 & 3.16). Carpet tile was found throughout the offices, conference room, lobby and corridors within the north, south, and east wing. The existing gymnasium space has a wood plank floor system (See figure 3.17). A resilient wall base was used throughout the building apart from toilet rooms, which utilized a tile cove wall base that matched the floor tile.

Figure 3.13 Carpet flooring

Figure 3.14 Tile flooring

Figure 3.15 VCT flooring

EXHIBIT 'C'

Figure 3.16 VCT flooring

Figure 3.17 Hardwood flooring

Existing ceiling systems were consistent throughout with the system comprising of a suspended ceiling grid with acoustical ceiling tiles (ACT) used the ceiling grid. The ACT panels appear to be a standard 2'-0" by 4'-0" panel throughout (See figure 3.18 & 3.19). In addition to the ACT ceiling system, painted gypsum board soffits are found within the existing classroom spaces.

Figure 3.18 ACT ceiling

Figure 3.19 ACT ceiling

Code Impacts

The existing occupancy classification and use group per IBC 2021, NJ edition is an Educational group. The intended new use group of TLC will be considered a Business use group and will trigger a change of use per the NJUCC Rehabilitation Sub Code, Subchapter 6. When a use of a building is changed the existing building being transformed is subject to comply with Section 5:23-6.31 Change of Use within the Rehab Sub Code. The reuse of TLC will be considered a change of use and will need to comply with the associated sections of the Rehab Sub Code.

The lettered subsections of section 5:23-6.31 establish specific requirements. The change of use section establishes requirements for compliance with the basic requirements of Rehabilitation Sub Code, for means of egress, enclosure of vertical openings, height and area limitations, exterior wall fire resistance, automatic sprinkler systems, fire alarm systems, fire detection systems, structural soundness, plumbing, electrical, and mechanical systems, and accessibility requirements. Subsections that govern compliance with basic requirements, means of egress, height and area limitations, exterior wall fire resistance, and automatic sprinkler systems utilize Relative Group Hazard Index Tables. Compliance with the requirements of the change of use subsection is required when the change of use will increase the relative hazard. Additionally, we believe that the scope of work that is required to transform the existing building will be classified as Reconstruction as defined by section

5:23-6.3 of the Rehab Sub Code. Refer to Exhibit D for change of use, basic requirements, and reconstruction code review.

Program

At the commencement of the Analysis phase of the study L+G reviewed the owner supplied DPMC Space Planning Request (SPR) form that outlined the initial programmatic spaces that DOH required for this facility. Following the review of the SPR and collaborative sessions with DHS and DOH, L+G generated a revised programming document with the final spaces and area requirements. Refer to attached Exhibit E. The programming document utilizes the L+G proposed square footage per unit multiplied by the number of units to generate a total raw square footage. The raw square footage is then multiplied by a circulation factor taken from the SPR to calculate the total gross square footage associated with each programmatic space listed. This document was used in conjunction with client input to generate a space planning sketch to confirm if the existing building will be capable of accommodating the requested program. Refer to Exhibit F for the space planning sketch.

The proposed program was divided up into five main categories: Medical Examiner & Morgue (17,944 gross SF), Laboratory & Training Center (9,754 gross SF), Support Space (10,732 gross SF), Investigators (3,425 gross SF), and General Public (1,472 gross SF). The total square footage of the proposed program equals 43,327 square feet. Each of the categories has a variety of spaces that are listed in the L+G generated programming document. The primary spaces included in the Medical Examiner & Morgue category include mass casualty storage area, autopsy suites, body receiving, tissue storage, body storage, X-ray room, and locker rooms. Additional primary spaces associated with the Medical Examiner & Morgue category include conference rooms, private office spaces and open work area for morgue techs. With the request to locate the Mass Casualty Storage within the entire area of the existing gymnasium there will need to be a comprise regarding other programmatic spaces. L+G has provided the space planning sketch and included the programmatic spaces from the planning document, but the area of the Mass Casualty Storage space needed to be reduced to fit the requested program. The secondary spaces consist of support spaces for the Medical Examiner & Morgue category. The Laboratory & Training Center category includes labs, lab storage, locker rooms, restrooms, storage room, private offices, open workspace for lab techs, and a multipurpose room to accommodate the training center. The Investigator program category includes conference rooms, high density file room, evidence room, private investigator office, open work area to accommodate investigator workstations, and space for clerk steno. Client restrooms and a lobby/reception area make up the program within the General Public category. Finally, the Support Spaces category program consists of mechanical rooms, boiler room, electrical room, fire pump room, janitor’s closets, MDF closet/Voice/Data room, IT room, enclosed loading dock/dumpster storage, electrical closets, break area, and storage rooms.

The layout configuration for the existing building was derived from DOH input, the review of the existing conditions as it relates to utilities within the site, and potential requirements for each space. Based on the directive provided to L+G by DOH and the Chief State Medical Examiner, Dr. Andrew Falzone, the Medical Examiner & Morgue spaces were located within

the east wing. The Laboratory & Training Center spaces were to be located within the north wing and the existing gymnasium was to be left for storage use for Mass Casualty operations. Additional programmatic adjacencies were provided to L+G by DOH and used during the development of the space planning diagram.

Building Modifications & Upgrades

Exterior

Upgrades to the existing envelope will need to occur to bring the building up to current energy codes, correct damage to the existing façade, to accommodate the requirements of the proposed program change, and due to existing components of the envelope reaching their useful life. The existing brick veneer does appear to be in good condition but will require portions of the mortar joints to be repointed. Repointing will seal up cracks in the mortar joints to protect the veneer from water infiltration through the cracks. Existing sealant in expansion joints and around openings within the brick veneer will need to be removed and replaced. Additionally, the existing brick façade will need to be cleaned using standard cleaning methods to not damage the existing brick and mortar joints.

The existing metal wall panels will need to be replaced. There are portions of metal wall panels that are missing, or which have become detached from the existing substrate. The finish on the existing metal wall panel also contributes to the need to replace the panels. Evidence of damage to the finish on the panels was observed during the on-site assessment. Portions of the existing metal trim and flashing at the metal panels are also damaged or completely missing, which will need to be replaced. Based on the age and condition of the metal wall panels it is recommended that the entire system be replaced.

Existing windows that can remain will need to be replaced to comply with the latest edition of the energy code. The existing windows appear to be single pane non-insulated glazing and will not meet energy code requirements and contribute to over working the building mechanical systems to achieve thermal comfort on the interior. All existing windows will need to be replaced with thermally broken insulated glass units (IGUs) window systems to comply with energy requirements.

Both existing roof systems are near or have reached their useful and warranty life. New penetrations will be required in both roof systems to accommodate the mechanical requirement of the new use. The new penetrations may also affect the terms of the exiting warranty. Additionally, the mechanical requirements for some of the new programmatic space may require additional rooftop equipment which will require additional equipment supports to be added to the roof, requiring additional penetrations at the roof. Furthermore, there is evidence on the interior of the building to support the conclusion that there are leaks in the existing roof systems. Given the factors noted above it is recommended that all existing roof systems be replaced in their entirety.

As indicated in the programming document and the conceptual space planning diagram, the building will also require the addition of an enclosed portion with overhead doors to accommodate the proposed programmatic change. Depending on the final building layout as

well as the available water volume and pressure, there is the potential for an addition to accommodate a new fire pump room.

Interior

The proposed new use of the building will require modifications to the interior space layout to accommodate the new programmatic spaces. The location and configuration of the existing partitions will need to acclimatize to the requirements of the proposed program. Additionally, most of the interior partitions are constructed with concrete masonry units (CMU) and will need to have measures taken to treat the existing CMU walls for sound attenuation.

Given that the existing building has been off-line for more than (10) ten years the interior materials and finishes have experienced damage. Furthermore, many of the interior finishes are dated given that it appears most of the finishes are original. The change of use code requirements will also require that the interior materials be upgraded as needed to meet the code requirements for interior finishes. It is recommended that all interior wall, floor, and ceiling finish systems be replaced.

In addition to the replacement of the interior finishes the interior lighting systems will need to be modified to adapt to the proposed change of use. With the proposed program the existing lighting system will not meet the required needs of the new spaces. The existing lighting system and fixtures are dated and will not meet building code or energy code requirements for lighting. It is recommended that the interior lighting system and fixtures be replaced in their entirety. The new fixtures should be LED fixtures that are energy efficient and provide the adequate footcandle levels to accommodate the proposed programmatic spaces.

Structural

The existing building has a structural framing system that consists of steel columns, steel beams, and bearing walls. Many of the components of the structural system are concealed and could not be observed to determine any visible issues. Structural framing at the roof will need to be reviewed and investigated to determine if the existing roof framing can handle additional weight due to any future mechanical equipment that potentially will be located on the roof. If the existing roof framing is found to be inadequate to support additional loads at the roof, then supplementary structural supports will need to be added. While not included in the scope of work for this study the entire structural system will need to be reviewed by a structural professional engineer to determine that the existing system is code compliant, structurally sound, and capable of handling additional loads imposed on the structural system.

Hazardous Materials

While not included as part of this assessment, consideration should be given to the presence of hazardous materials. The date in which the building was constructed falls within the timeframe for when many hazardous materials such as asbestos and lead paint were commonly used in construction. Due to the building being off-line and the space not being conditioned for such an extended period there is also the potential for mold growth on interior materials which promote the growth of mold. If hazardous materials are found, they will need to be abated and/or remediated prior to any of the renovation work commencing. It is recommended that the building be surveyed and tested for the presence of any hazardous materials.

During this feasibility study and assessment report DHS & DOH have conducted an independent study for hazardous materials. Refer Exhibit G for the hazardous materials report and cost estimate that was provided to L+G by DHS & DOH on 03.06.2024.

CHAPTER 4 – MECHANICAL

Existing Conditions

Heating for the building is provided by three gas-fired, heating hot water condensing boilers. The heating system consists of the boilers, two hot water circulating pumps, an air separator, an expansion tank, a chemical pot feeder and associated hot water piping distribution system and peripheral heating elements such as fan coil units, duct mounted hot water heating coils, finned tube radiators and convectors.

Figure 4.1 Existing gas-fired, heating hot water condensing boilers

Figure 4.2 Existing two hot water circulating pumps, an expansion tank and a chemical pot feeder

Air conditioning and ventilation for multiple spaces in the building is provided by five air handling units and associated roof mounted condensing units, multiple unit ventilators and

window type air conditioning units. Only two rooms have individual ductless split system heat pumps.

Figure 4.3 Existing air handling unit in Mechanical Equipment Room 129

Figure 4.4 Existing air handling unit in the Mezzanine

Figure 4.5 Existing roof mounted condensing unit

Figure 4.6 Existing unit ventilator and window type air conditioning unit

Thirteen space mounted fans exhaust air from the gymnasium, multiple restrooms, and the kitchen to outdoors. The air distribution system consists of supply, return and exhaust ducts and air distribution devices.

EXHIBIT 'C'

Figure 4.7 Existing space mounted exhaust fans

Required Building and Site Modifications

The boilers and hot water circulating pumps were installed approximately 10 years old, are operational, in fair condition and may be reused for the renovation of the building depending on the new HVAC system required capacity. The hot water piping distribution system and peripheral heating elements such as fan coil units, duct mounted hot water heating coils, finned tube radiators and convectors are past their useful life, in poor condition and need to be disconnected and removed.

The air handling units and associated roof mounted condensing units, multiple unit ventilators and multiple window type air conditioning units are past their useful life, in poor condition and need to be disconnected and removed.

Two rooms which have individual ductless split system heat pumps were installed approximately 10 years ago, appear in fair condition, and may be reused for renovation of the building depending on the new HVAC system required capacity.

All exhaust fans are past their useful life, in poor condition and need to be disconnected and removed. The ductwork and air distribution devices are more than 40 years old and in poor condition. In addition, the existing ductwork layout cannot be utilized for the renovation of the building because of the new space usage and different requirements for HVAC system sizes and layouts. Therefore, the air distribution systems need to be disconnected and removed.

Due to the change of building use, there will be a need for multiple new HVAC systems which will provide required mechanical ventilation to all spaces intended for occupancy and code required exhaust. Also, the newly-installed HVAC systems will comply with the requirements of the NJ Mechanical Subcode (NJCA 5:23-6.17-(I) and 5:23-3.20) and conform with all Federal, State and local codes, ordinances, rules and regulations.

The new HVAC systems will be suitable to meet transmission heating and cooling loads of the building's envelope, internal loads, and the ventilation loads. Various dedicated air conditioning systems will be provided for multiple areas in the building and specifically for the Morgue, which is susceptible to heavy bacterial contamination and odor. The laboratories in

the Morgue often contain exhuast hoods and the supply, room exhaust, and hood exhaust airflows will all be controlled together to keep the space under negative or positive pressure depending on application. All room air in the Morgue will be exhausted via multiple exhaust fans to the outside of the building and not recirculated.

A building's Direct Digital Control (DDC) system will be provided to control and monitor operation of the HVAC equipment. The DDC system will consist of a series of non-proprietary field and/or factory mounted network direct digital controllers that will communicate via native BACnet (MSTP).

Square Footage and Room Number Requirements

1. Main Mechanical Room, qty 1 – minimum of 1,200 sq.ft.
2. Mechanical Room, qty 1 – minimum of 500 sq.ft. each
3. Boiler Room, qty 1 – minimum of 900 sq.ft.

CHAPTER 5 – ELECTRICAL

Existing Conditions

The electrical service for the building comes from a medium voltage pole #VE 3129 located across Almond Rd.

Figure 5.1 – Utility Pole #VE 3129

There is another pole within the fence, #VE 10082 where the medium voltage cable continues underground to a 300kVA transformer bringing the voltage down to 208/120V.

Figure 5.2 – 300kVA Transformer

The service continues to the main electrical/mechanical room. There are multiple electrical spaces throughout the building, mainly located in the wings and by the gym. The building does not have a generator.

Required Building and Site Modifications

The electrical service for the building will need to be increased and the transformer upsized. As such, a larger electrical room will be required. In addition, all existing branch circuit panelboards in the building will be removed. New electrical closets will be required to provide power for proposed equipment. A new generator will be supplied with a belly tank to cover the entire building. New MDF closets will be required to provide communications throughout the building.

Square Footage and Room Number Requirements

1. Main Electrical Room, qty 1 – 750 sq/ft, minimum
2. Electrical Closets, qty 2 – 60 sq/ft each, minimum
3. MDF Closets, qty 1 – 100 sq/ft each, minimum

CHAPTER 6 PLUMBING

Existing Conditions

There is a 3 " Domestic water service with a RPZ backflow preventer (Figure 6.1) in the Mechanical Equipment Room. Hot and cold-water piping is distributed to the plumbing fixtures throughout the building. The plumbing fixtures are in satisfactory condition (Figures 6.2 to 6.8). The electric water heater (120 gal, 36 kW) is in good condition (Figure 6.9). Based on as-built drawing P-2 (Oct 1977), there is a buried 5" sanitary line that connect to the site

utilities on the north east side of the building. There is a 3” natural gas service in the Mechanical Room that supplies the boilers. The gas meter is located on the south east side of the building (Figure 6.10). There are roof drains in the flat roof above the Gymnasium (Figure 6.11). Based on as-built drawing P-2 (Oct 1977), the 8” storm leaders connect to the site system on the west side on the building.

Figure 6.1 – PRZ Backflow Preventer

Figure 6.2 – Plumbing Fixtures, Lavatories

Figure 6.3 – Plumbing Fixtures, Urinals

Figure 6.4 – Plumbing Fixtures, Water Closet

EXHIBIT 'C'

Figure 6.5 – Plumbing Fixtures, Sinks

Figure 6.6 – Plumbing Fixtures, Fountain

Figure 6.7 – Plumbing Fixtures, Mop Sink

Figure 6.8 – Plumbing Fixtures, Shower

EXHIBIT 'C'

Figure 6.9 – Electric Water Heater

Figure 6.10 – Natural Gas Meter and Regulator

EXHIBIT 'C'

Figure 6.11 – Roof Drain

Required Building and Site Modifications

The following modifications will be necessary for the new design.

1. The existing 3” water service will need to be relocated to the new Mechanical Room.
2. Additional hot and cold water piping to new plumbing fixtures will be required.
3. New water heater is required based on the new demand.
4. New buried sanitary piping is required based on the fixture layout.
5. The floor slab will need to be cut to install the new sanitary piping and floor drains.
6. The floor slab will need to be cut to install drainage system serving the morgue areas.
7. The existing 5” sanitary sewer line is expected to be sufficient.
8. The existing 3” natural gas service is expected to be sufficient.
9. The existing storm leaders are expected to be sufficient.

Square Footage and Room Number Requirements

Include space (50 sq ft) in the mechanical room or janitor’s closets for the domestic water heaters. Since the existing Mechanical Equipment room will have another use, the domestic water service will need to be relocated to the new Mechanical room.

CHAPTER 7 – FIRE PROTECTION

The TLC has a 4" fire service with a backflow preventer in the Mechanical Equipment room (figure 7.1). As indicated on the pressure gages, the static pressure is 50 psi (figure 7.2). The fire service supplies a limited area sprinkler system (figure 7.3) and a class II standpipe system. There are sprinklers in the Gymnasium stage and the Mezzanines that are adjacent to the Gymnasium. There is a Fire Department connection near entrance on the south side of the building (figure 7.4).

Figure 7.1 – Fire Protection Backflow Preventer Gage

Figure 7.2 – Fire Protection Pressure

Figure 7.3 – Sprinkler Piping

Figure 7.4 – Fire Department Connection

Required Building and Site Modifications

The following building modifications are required.

1. The existing 4” fire service is not acceptable. A new 6” fire service line is required.
2. New fire pump (500 gpm, 40 psi, 50 hp) and jockey pump (10 gpm, 50 psi, 1 hp) is required.
3. The fire pump shall have a controller with an automatic transfer switch (ATS).
4. A new sprinkler system will provide coverage for the entire building.
5. A new class I fire standpipe system will be provided.
6. The fire pump and sprinkler system shall be monitored by a fire alarm system.

Square Footage and Room Number Requirements

A new room will be required for the fire pump, jockey pump and 6” fire service. The room area shall be a minimum of 150 sq ft and include a door on an exterior wall.

CHAPTER 8 – FIRE ALARM

Existing Conditions

There is an existing Fire Alarm system in the building. The main control panel is located in the mechanical room next to the electrical equipment. It is a digital addressable system in relatively good condition, including all existing devices including speaker/strobes, detectors, pull stations, etc.

Figure 8.1 – Main Fire Alarm Control Panel

Required Building and Site Modifications

It is possible that the existing fire alarm main control panel can be salvaged and reused. The devices throughout the building will be disconnected and removed to accommodate a new layout. This will also include CO detection devices as natural gas is being used as a fuel source.

Square Footage and Room Number Requirements

N/A

CHAPTER 9 – COST ESTIMATES

Renovation of Existing Building

An order of magnitude cost estimate was generated for the renovation of the existing building with modifications required to lodge the new building occupancy use. The estimate includes the cost by each specification division and includes line items for general conditions, design contingency, fees, overhead/profit, insurances, and permits. Exclusions within the estimate included no escalation, no overtime or premium work time, or cost of hazardous materials testing/abatement. The total construction cost for the renovation of the existing building is $28,910,897.00. Refer to Exhibit G for renovation cost estimate.

Construction of a New Building

As part of this assessment study DHS & DOH requested that a cost estimate be generated for the cost of a new building. L+G has provided an order of magnitude cost estimate for a new comparable facility. This estimate also includes the cost by each specification division and includes line items for general conditions, design contingency, fees, overhead/profit, insurances, and permits. Exclusions include no escalation, no overtime or premium work, purchase or additional subdivision of land, and demolition of the existing building. The total construction cost for the construction of a comparable new facility is $36,958,503.00. Refer to Exhibit G for new building cost estimate.

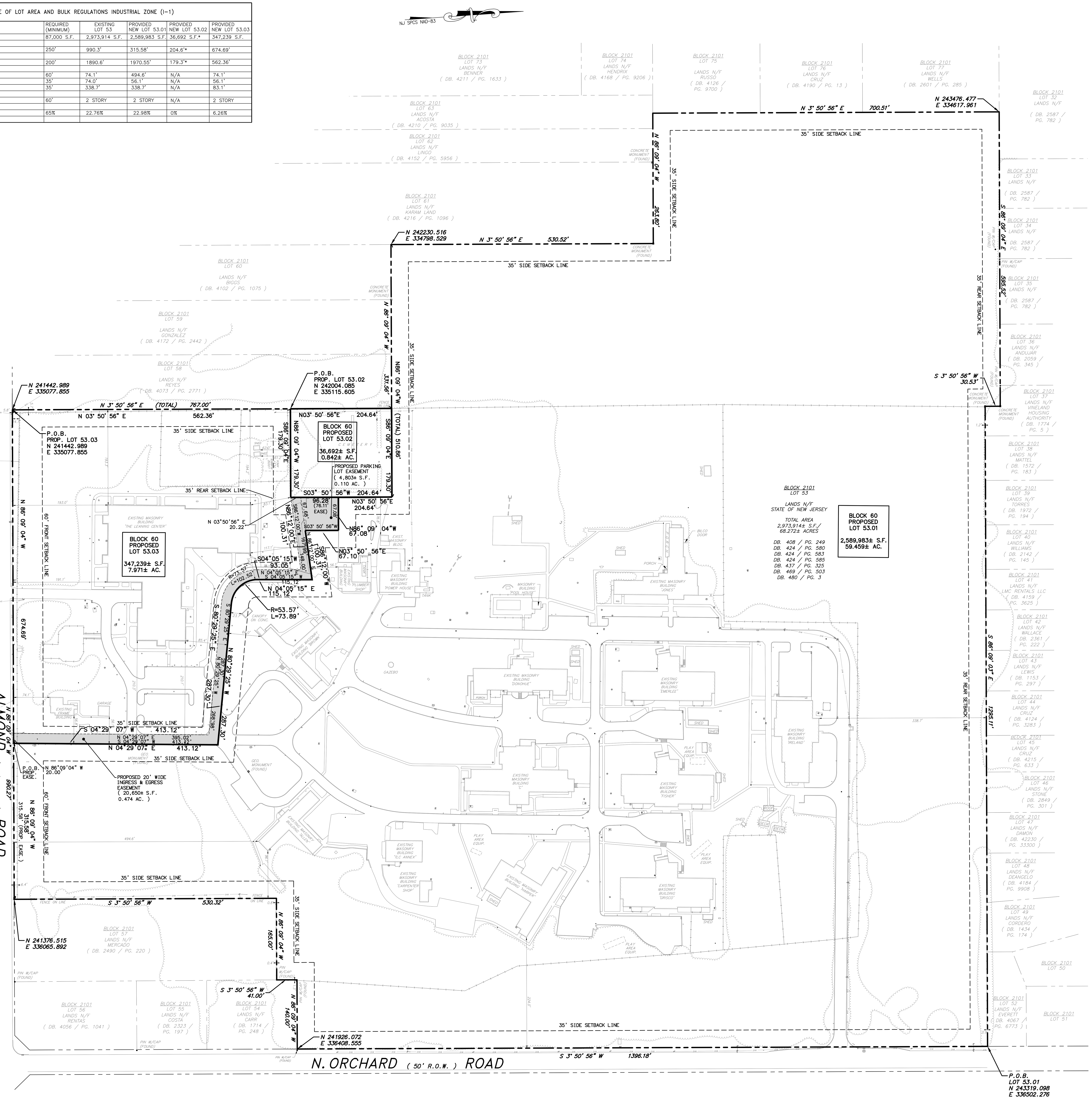
EXHIBIT 'C'

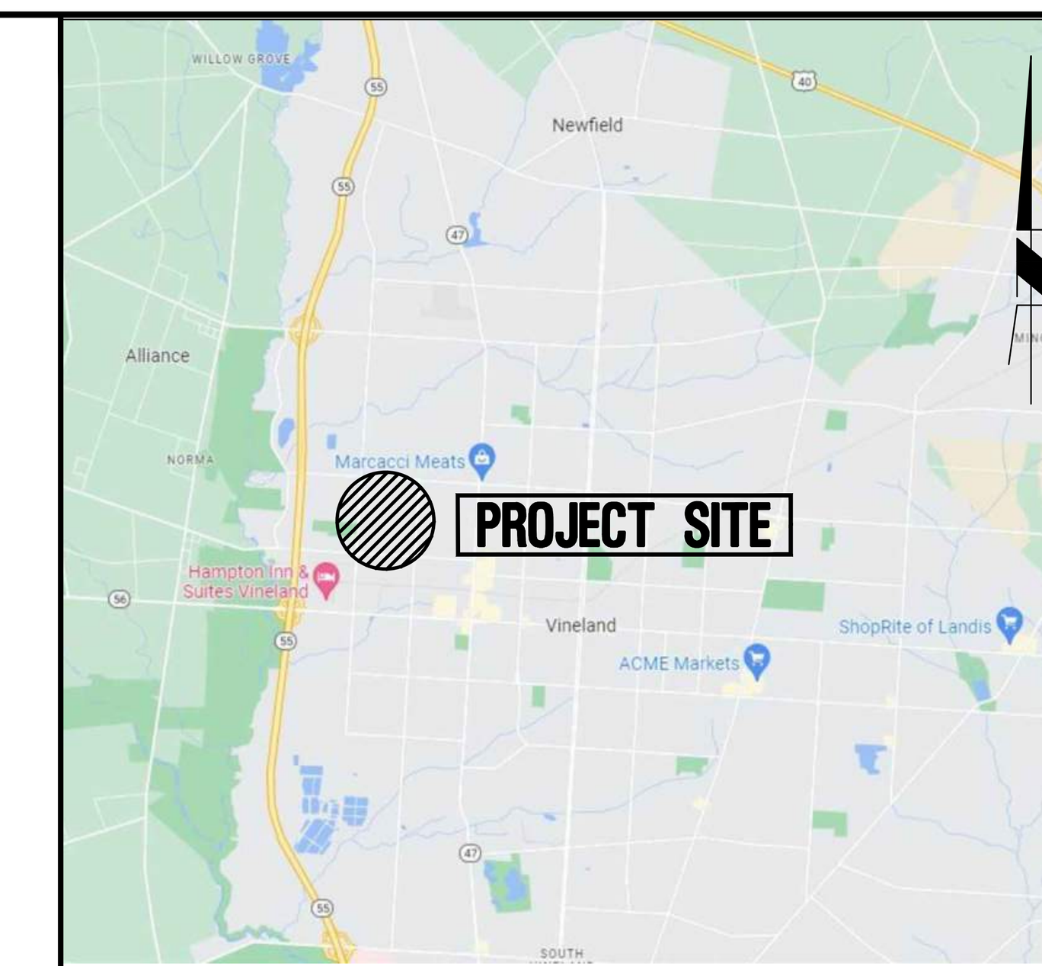
EXHIBIT A – EXISTING SITE PLAN AND SUBDIVISION

EXHIBIT 'C'

SCHEDULE OF LOT AREA AND BULK REGULATIONS INDUSTRIAL ZONE (I-1)					
	REQUIRED (MINIMUM)	EXISTING LOT 53	PROVIDED NEW LOT 53.01	PROVIDED NEW LOT 53.02	PROVIDED NEW LOT 53.03
LOT AREA (SQUARE FT.)	87,000 S.F.	2,973,914 S.F.	2,589,983 S.F.	36,692 S.F.*	347,239 S.F.
LOT FRONTAGE (FT.)	250'	990.3'	315.58'	204.6'*	674.69'
LOT DEPTH (FT.)	200'	1890.6'	1970.55'	179.3'*	562.36'
FRONT YARD SETBACK (FT.)	60'	74.1'	494.6'	N/A	74.1'
SIDE YARD SETBACK (FT.)	35'	74.0'	56.1'	N/A	56.1'
REAR YARD SETBACK (FT.)	35'	338.7'	338.7'	N/A	83.1'
MAX BLDG HEIGHT (FT.)	60'	2 STORY	2 STORY	N/A	2 STORY
LOT COVERAGE (%)	65%	22.76%	22.98%	0%	6.26%

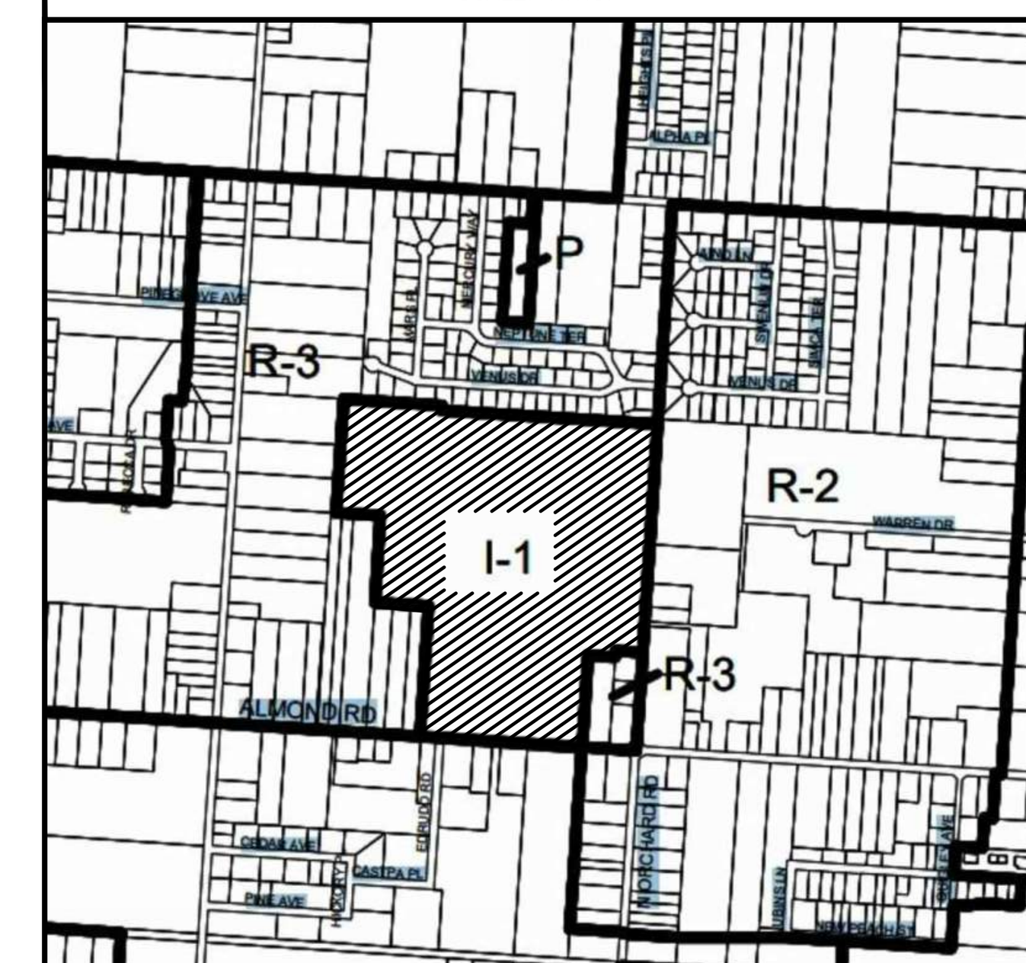
* VARIANCE REQUIRED





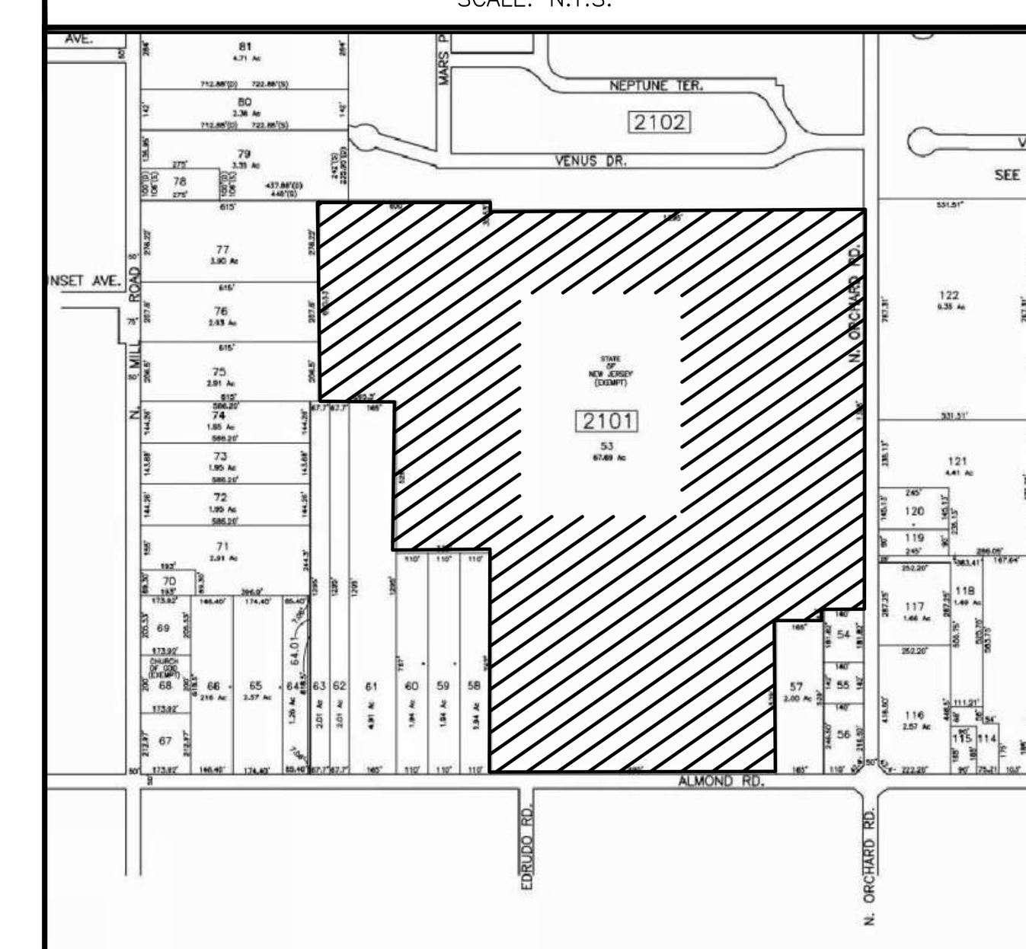
LOCATION MAP

SCALE: N.T.S.



ZONING MAP

SCALE: N.T.S.



TAX MAP

SCALE: N.T.S.

SURVEY NOTES & REFERENCES:

1. THE HORIZONTAL DATUM IS BASED ON THE NEW JERSEY STATE PLANE COORDINATE SYSTEM (NAD-1983 / 2011 ADJ.) AND THE VERTICAL DATUM IS BASED ON NAVD-1988 / GEOID 2018 (ADD 1.21 FEET TO THESE ELEVATIONS TO CONVERT TO NGVD-1929 DATUM).
2. PROPERTY AND RIGHT-OF-WAY LINES SHOWN ON THESE PLANS ARE BASED ON MONUMENTATION FOUND IN THE FIELD, REFERENCE DEEDS AND THE CURRENT TAX MAPS OF THE CITY OF VINELAND, CUMBERLAND COUNTY, NEW JERSEY. ADJOINING PROPERTY AND RIGHT-OF-WAY LINES ARE SHOWN FOR GRAPHICAL INFORMATION ONLY AND HAVE NOT BEEN FIELD VERIFIED.
3. EXISTING TOPOGRAPHIC CONDITIONS WERE SURVEYED BY REMINGTON & VERNICK ENGINEERS UNDER THE SUPERVISION OF CHARLES E. ADAMSON, N.J.P.L.S. LICENSE NO. 42627. THE SURVEY WORK WAS COMPLETED ON MARCH 23, 2023.
4. THIS PLAN AND SURVEY DOES NOT CERTIFY TO THE LOCATION, BOTH HORIZONTAL AND VERTICAL OF ANY UNDERGROUND UTILITY OR STRUCTURE THAT WAS NOT EXPOSED FOR DIRECT MEASUREMENT.
5. PLAN ENTITLED, "UNIVERSE HEIGHTS - FINAL PLAT," OWNED BY RUDOLF & ELEANORE MECKEL, DATED JULY 1958, APPROVED AUGUST 6, 1658, FILE NUMBER 267.
6. THE FOLLOWING DEED DESRIBE BLOCK 2101, LOT 53 ON PLATE 21:
   - A DEED BOOK 408 - PAGE 249 - RECORDED JULY 6, 1923.
   - B DEED BOOK 424 - PAGE 580 - RECORDED MAY 1, 1925.
   - C DEED BOOK 424 - PAGE 580 - RECORDED MAY 1, 1925.
   - D DEED BOOK 424 - PAGE 585 - RECORDED MAY 1, 1925.
   - E DEED BOOK 437 - PAGE 325 - RECORDED JULY 8, 1926.
   - F DEED BOOK 469 - PAGE 503 - RECORDED DECEMBER 18, 1929.
   - G DEED BOOK 480 - PAGE 3 - RECORDED OCTOBER 17, 1930.

NEW JERSEY ONE CALL SYSTEM, INC. 1-800-272-1000 STOP-CALL BEFORE YOU DIG!

GRAPHIC SCALE 0 80' 160' 240'
1 INCH = 80 FT.

RVE 1901
REMINGTON & VERNICK ENGINEERS
2059 SPRINGDALE ROAD
CHERRY HILL, NJ 08003
(856) 795-9595, FAX (856) 795-1882
WEB SITE ADDRESS : WWW.RVE.COM
Certification of Authorization: 24 GA 28003300
~ENGINEERING EXCELLENCE~

DATE:

CHARLES E. ADAMSON
NJ PROFESSIONAL LAND SURVEYOR LIC. No. 42627

No.	REVISION

VINELAND DEVELOPMENT CENTER – WEST CAMPUS MINOR SUBDIVISION

STATE OF NEW JERSEY

BLOCK 2101 - LOT 53
850 N. ORCHARD ROAD

CITY OF VINELAND CUMBERLAND COUNTY NEW JERSEY

DRAWN BY :	DESIGN BY :	CHECKED BY :	SCALE :
JS	-	CEA	AS NOTED
DATE : 4-3-2023		SHEET No. : 1 of 1	
JOB No. : 2200 X 441			

Y:\Survey Projects\New Jersey\Cumberland County\Vineland City\220X441 - DPMC WEST CAMPUS\Cadd\Dwg\subdivision\SURV - 220X441 - DPMC WEST CAMPUS SUBDIV OPTION 3.dwg 4/6/2023 12:01:55 PM

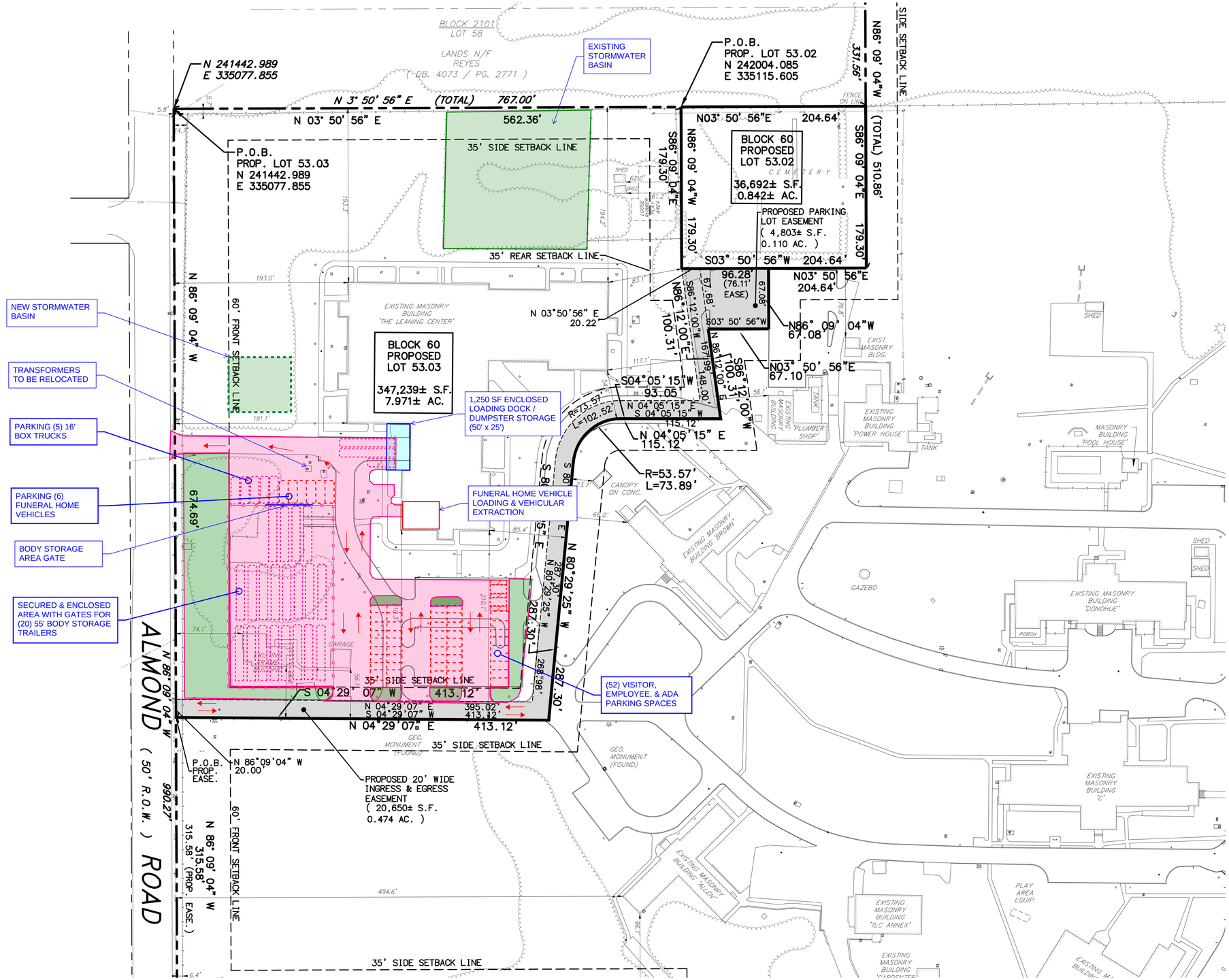
EXHIBIT 'C'

EXHIBIT B – CONCEPTUAL SITE PLAN

EXHIBIT 'C'

Southern Regional Medical Examiner's Office - Study

Conceptual Site Plan



03/20/2024

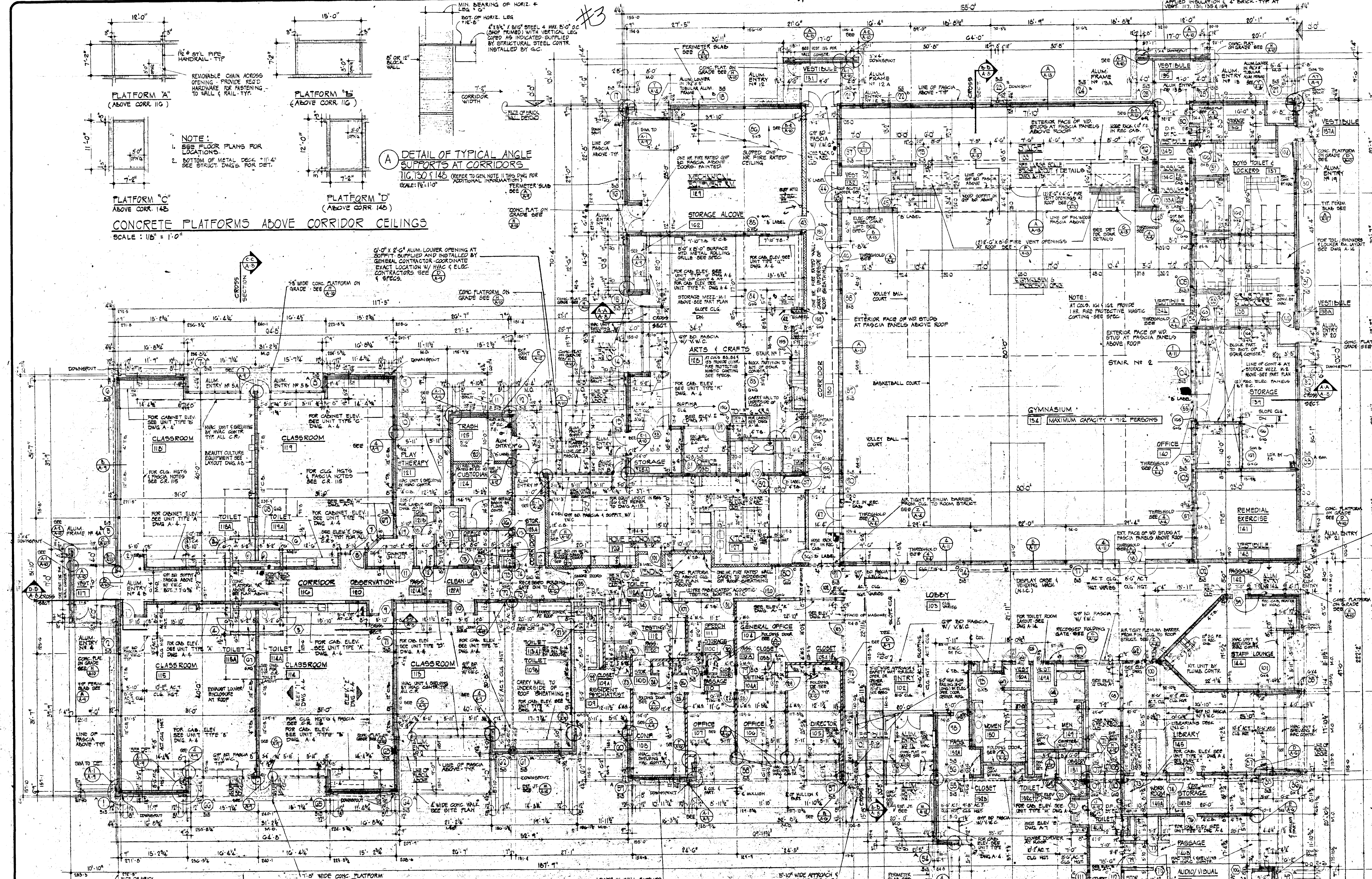
Lammey + Giorgio Architecture + Design 215 Highland Ave Suite B Haddon Township, NJ 08108 856.833.0010 www.lgarch.com

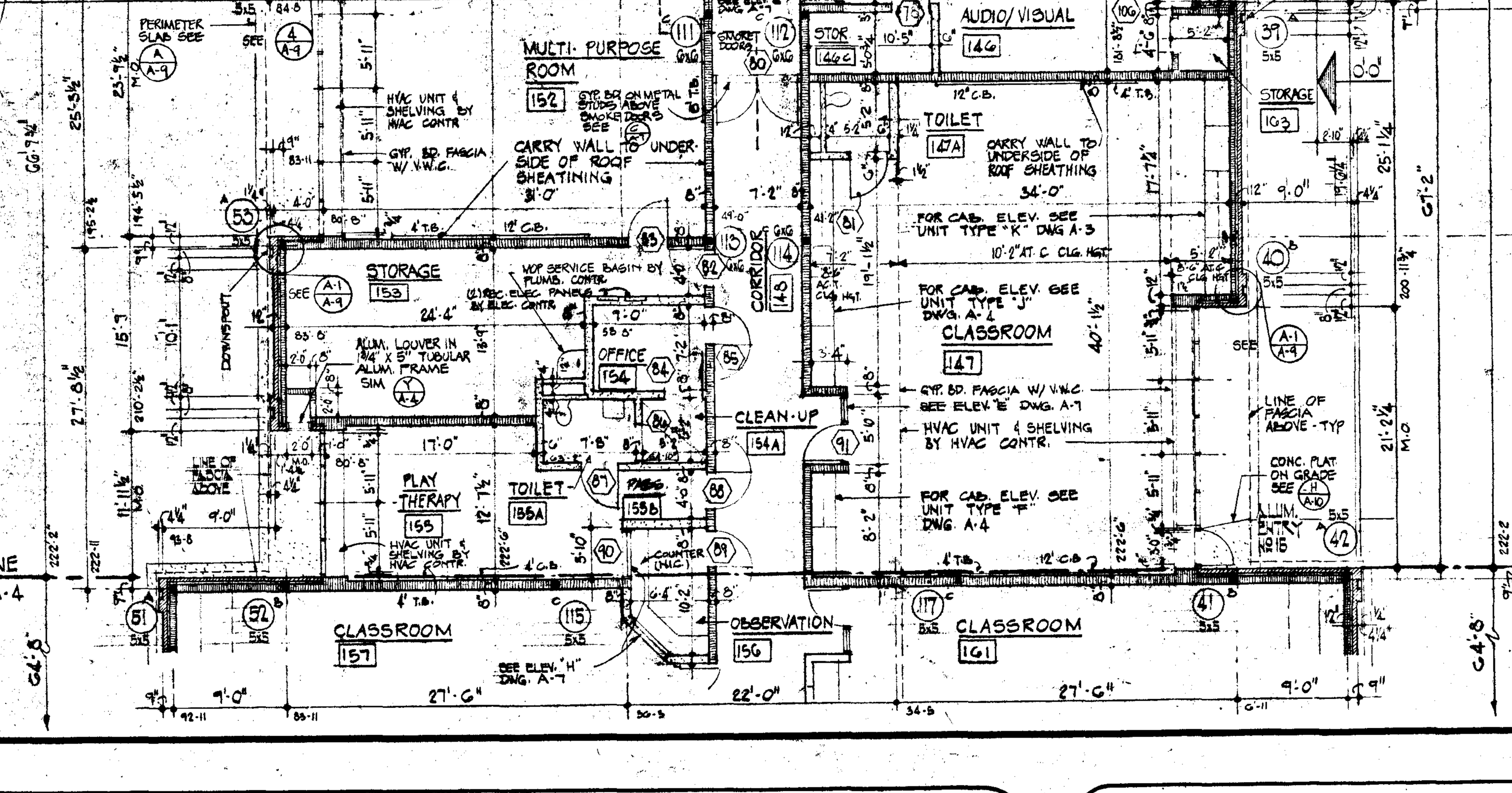
LAMMEY + GIORGIO

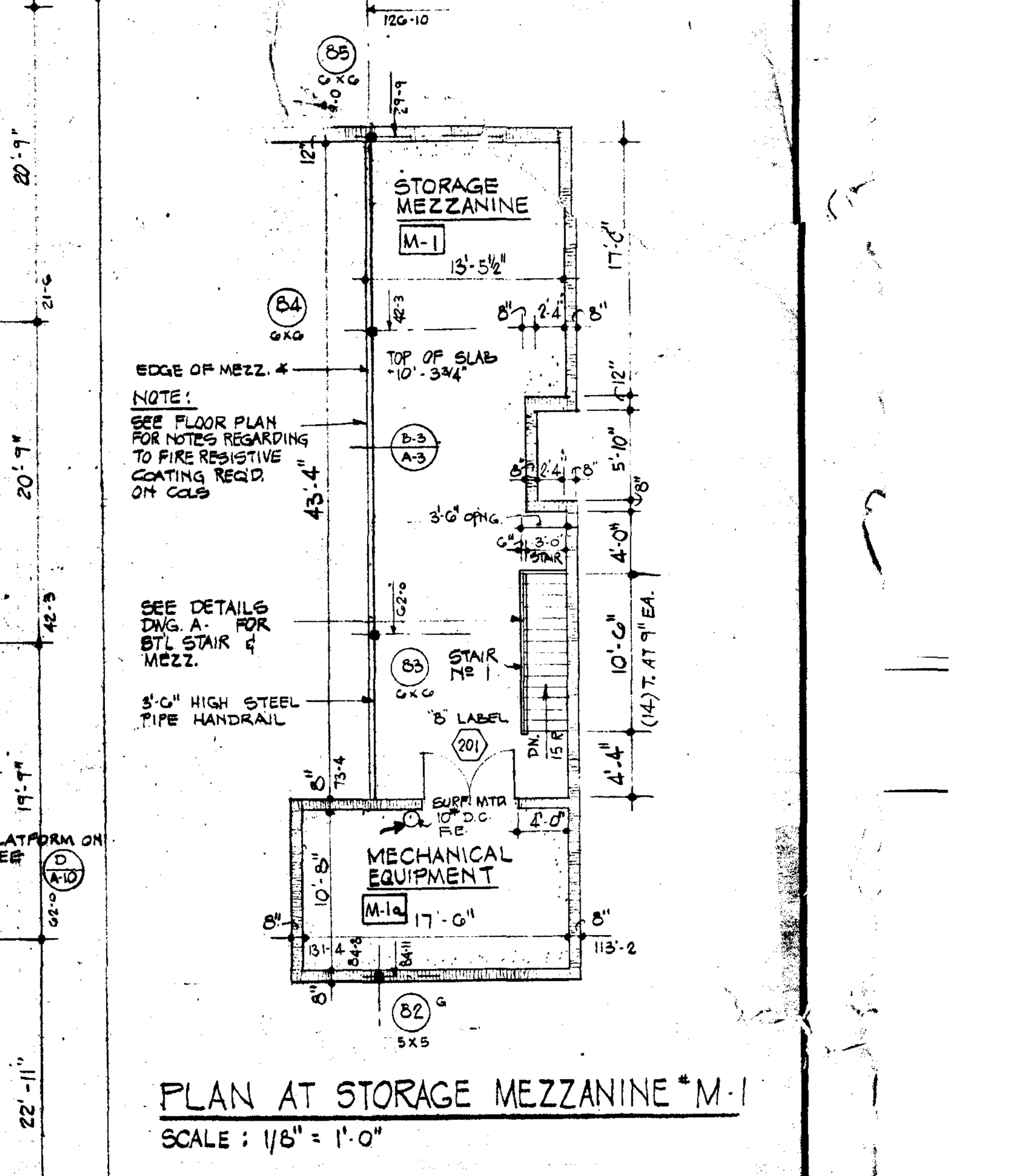
EXHIBIT 'C'

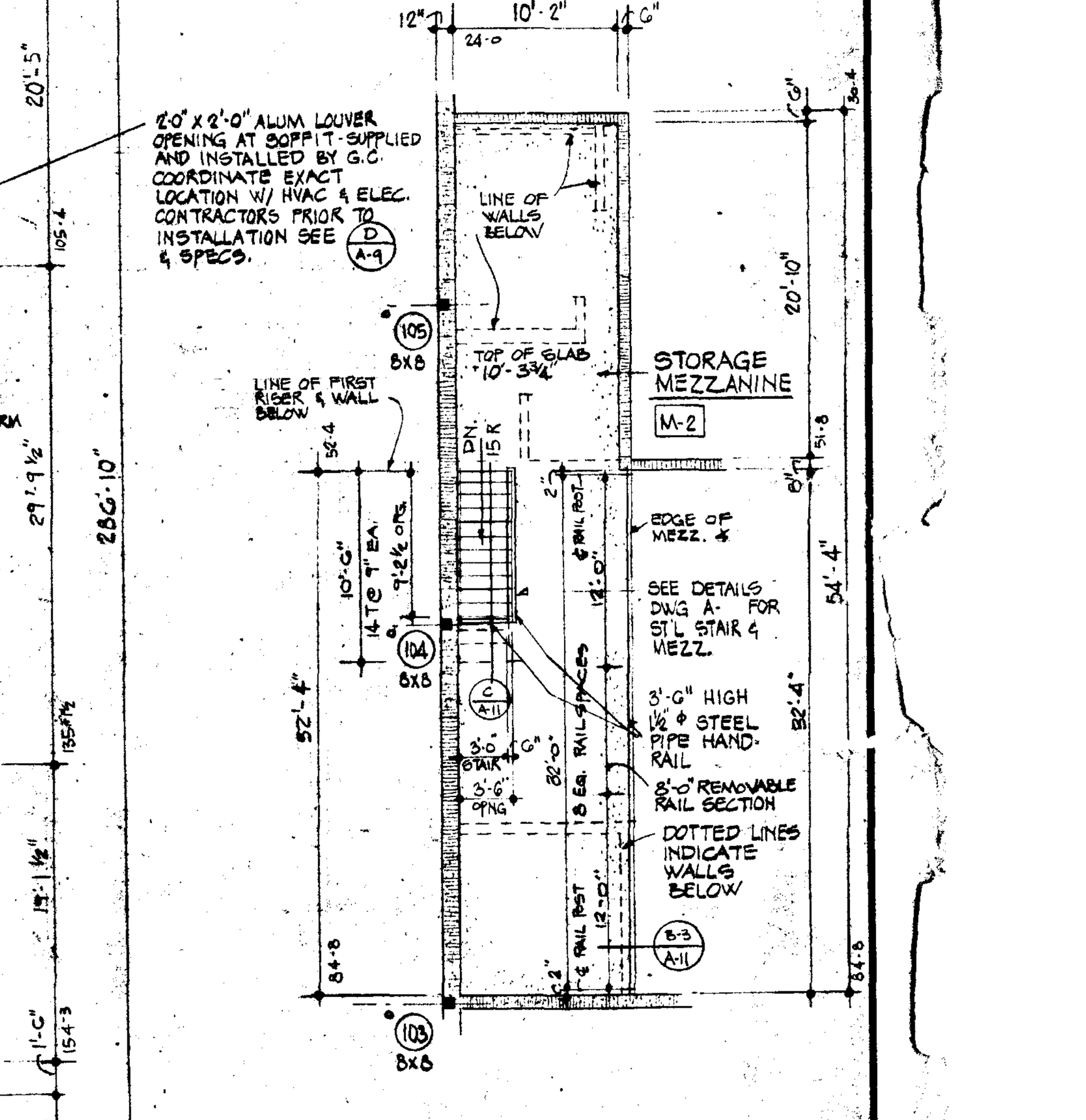
EXHIBIT C - EXISTING FLOOR PLAN

EXHIBIT 'C'









PARTIAL FLOOR PLAN

1/8"=1'-0"

GENERAL NOTES:

1. WHERE LETTER DESIGNATION OCCURS AT COLUMN NUMBERS THUSLY (66)A THE LETTER REFERS TO TYPICAL COLUMN DETAILS INDICATED ON DRAWING A-12. THESE DETAILS ALSO INDICATE COLS. TO RECEIVE 1 HR RATING
2. ALL DOWNSPOUTS INDICATED ON PLANS & SECTIONS ARE 4"X7½" UNLESS OTHERWISE NOTED.
3. ALL HOSE RACKS (INCL. HOSE) SHALL BE SUPPLIED & INSTALLED BY PLUMBING CONTRACTOR. FIRE EXTINGUISHER IN HOSE CAB. SHALL BE SUPPLIED BY G.C.
4. ALL FIRE EXTINGUISHERS INDICATED ON PLANS SHALL BE 2½ GAL. WATER UNLESS OTHERWISE NOTED. REFER TO SPECS.
5. AT ALL H.M. OPENINGS IN BLOCK PARTITIONS INDICATED ON FLOOR PLANS & LEGEND (THIS DWG) AS RUNNING TO BOT. OF ROOF CONSTRUCTION PROVIDE BLOCK FROM TOP OF FRAME TO BOT. OF ROOF CONSTRUCTION (INCLUDING FRAMES IN ENTRANCES FROM CORR.) G.C. TO COORD. OPNGS. REQ'D BY OTHER TRADES.
6. ALL PAIRS OF EXTERIOR ENTRANCE DOORS SHALL BE PROVIDED WITH REMOVABLE ALUMINUM MULLIONS. REFER TO HARDWARE SPECS. HARDWARE SUPPLIER TO SHIP MULLIONS TO ALUMINUM FRAME SUB CONTRACTOR FOR ANODIZING TO MATCH FRAME FINISH.
7. PROVIDE ELECTRICALLY OPERATED DOOR OPENER AT LEFT HAND PAIR OF DOORS IN ALUMINUM ENTRY Nº 1 AT VESTIBULE 101. PROVIDE RAILS AS INDICATED AND SPECIFIED.
8. FOR ALL TOILET LAYOUTS REFER TO DWG. A-14.
9. FOR FINISH SCHEDULE REFER TO DWG. A-6.
10. FOR DOOR SCHEDULE REFER TO DWG. A-7.
11. AT CORRIDORS 116, 130 & 148 GENERAL CONTRACTOR TO INSTALL 4"X3½" STEEL ANGLES 8'-0" O.C. ENTIRE LENGTH OF CORRIDOR (NOT REQ'D AT CONCRETE PLATFORMS), SUPPLIED BY STRUCTURAL STEEL CONTRACTOR AND INSTALLED BY GENERAL CONTRACTOR.
12. FOR LARGE SCALE LAYOUTS OF PERIMETER SLABS AT WINDOW WALL AND ENTRYS REFER TO DETAILS 6, 7, 8, 9 & 10 DWG. A-11
13. AT ALL BLOCK PARTITIONS EXTENDING TO BOTTOM OF ROOF SHEATHING PROVIDE 1" EXPANDABLE EXPANSION JOINT FILLER BETWEEN TOP OF BLOCK AND BOTTOM OF SHEATHING TO FORM AIR TIGHT CONDITION.

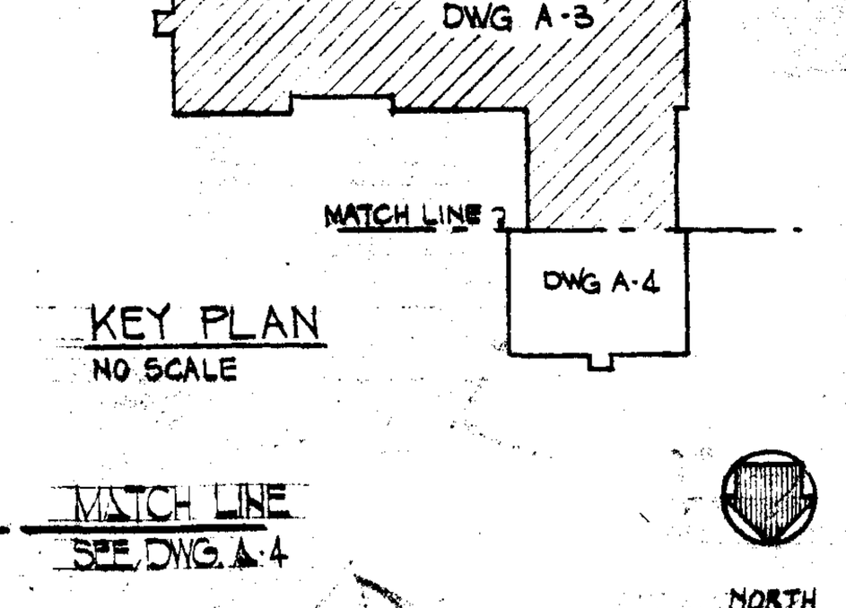
FLOOR PLAN LEGEND

- BRICK
- MASONRY BLOCK (TO BOT. OF ROOF CONSTRUCTION)
- MASONRY BLOCK (1 HR. RATED MIN. TO BOT. OF ROOF CONSTRUCTION).
- MASONRY BLOCK (TOP MIN. OF 18" ABOVE FIN. CLG.)
- METAL STUDS 16" O.C. W/ V.W.C. OVER 3/4" PLASTER & METAL LATH PROVIDE 2" SOUND ATTENUATION BLANKETS AS NOTED ON DETAIL (F/A-6) CARRY METAL STUDS, PLASTER & BLANKETS TO 10'-6" ABOVE FLOOR. BRACE STUDS TO ROOF CONSTRUCTION 48" O.C.
- (22) COLUMN NUMBER
- (A/A-9) SECTION OR DETAIL NUMBER / DRAWING ON WHICH SECTION OR DETAIL IS FOUND.
- (17) INTERIOR H.M. FRAME NUMBER

FLOOR SLAB DEPRESSION SCHEDULE

a. FOR CERAMIC TILE FLOORS — 1½"
b. FOR WOOD FLOOR AT GYMNASIUM AND PASSAGE 134 C. — 1¼"
c. FOR ELECTRIC MAT TYPE HEATING ELEMENTS (SUPPLIED & INSTALLED BY ELEC. CONTRACTOR) AT ROOMS 114, 115, 118, 119, 126, 128, 147, 152, 158, 159, 160 & 161. — 3"

NOTE:
REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.



KEY PLAN
NO SCALE

NORTH

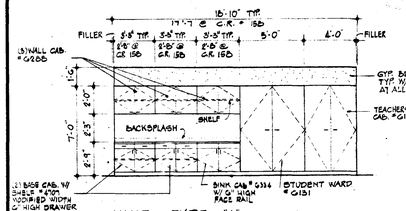
CONTROL Nº DDC MD-52

ECKERT GATARZ architects planners a professional association
R.D. 4, Box 447, North Brunswick, N.J. 08902 · 201/297-4200
Nicholas G. Eckert C3758 ▪ Donald J. Gatarz C4397

OWNER: DEPARTMENT OF HUMAN SERVICES STATE OF NEW JERSEY
PROJECT: NEW SCHOOL FACILITY VINELAND, NEW JERSEY

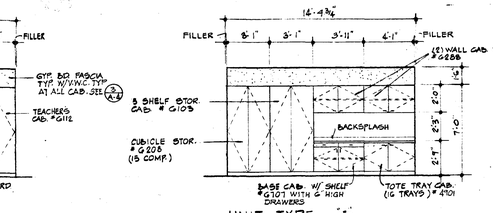
JOB NO. 76132-3
DATE OCT. 25, 1977
REV.
DWG. TITLE PARTIAL FLOOR PLAN
SCALE AS NOTED
DWG. NO. A-3

EXHIBIT 'C'



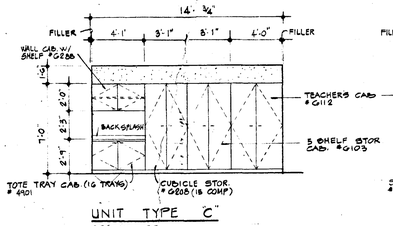
UNIT TYPE "A"

SHOWN:	OPPOSITE HAND:
CR's 114, 158, 161	C.R. 115



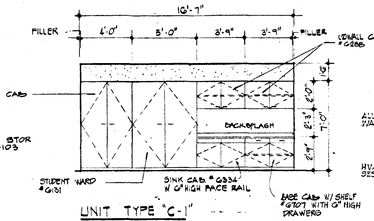
UNIT TYPE "B"

SHOWN:	OPPOSITE HAND:
CR's 114, 118, 158, 161	C.R's 115, 160



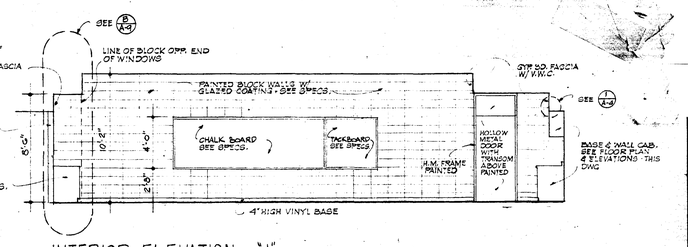
UNIT TYPE "C"

C.R's 119, 157



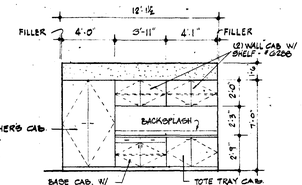
UNIT TYPE "C-1"

C.R. 160



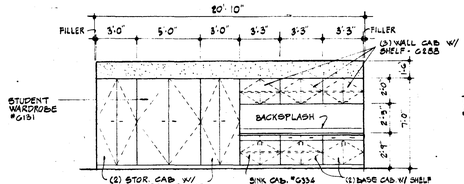
INTERIOR ELEVATION "1" (AT CLASSROOMS)

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



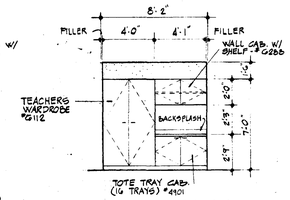
UNIT TYPE "D"

C.R. 118



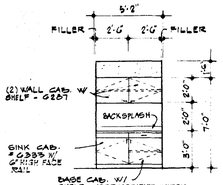
UNIT TYPE "E"

C.R. 113



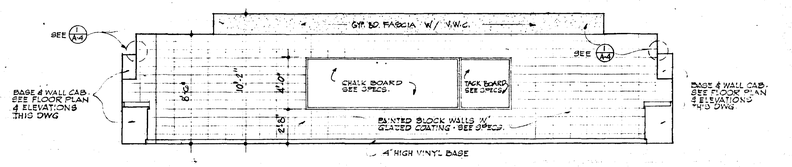
UNIT TYPE "F"

C.R. 147



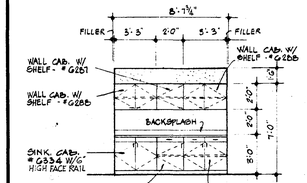
UNIT TYPE "G"

AUDIO/VISUAL 146



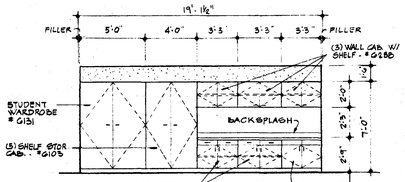
INTERIOR ELEVATION "2" (AT CLASSROOMS)

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



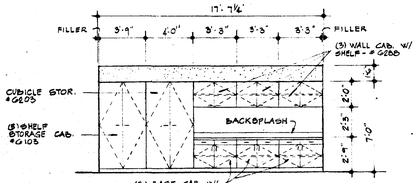
UNIT TYPE "H"

WORK ROOM 145 A



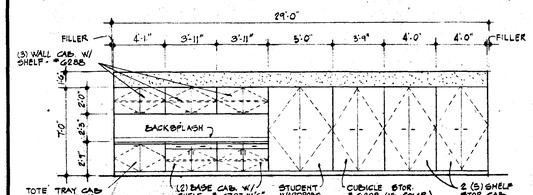
UNIT TYPE "J"

C.R. 147



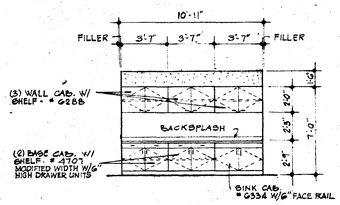
UNIT TYPE "K"

C.R. 113, 147



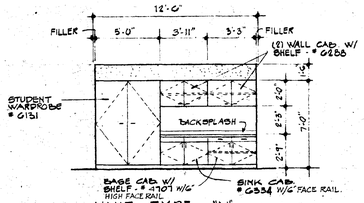
UNIT TYPE "L"

MULTI PURPOSE 152



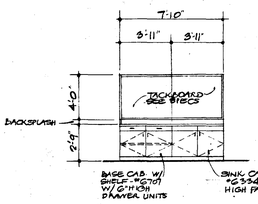
UNIT TYPE "M"

MULTI- PURPOSE 152



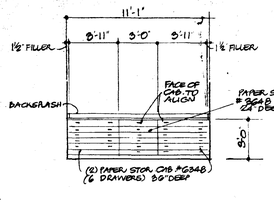
UNIT TYPE "N"

C.R. 119, 157



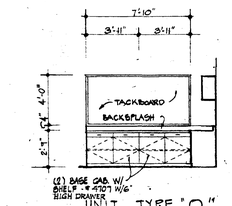
UNIT TYPE "O"

ARTS & CRAFTS 128



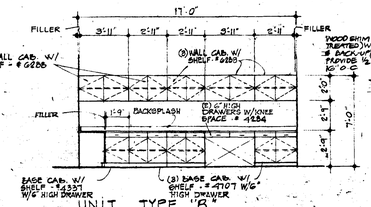
UNIT TYPE "P"

ARTS & CRAFTS 128



UNIT TYPE "Q"

ARTS & CRAFT 128



UNIT TYPE "R"

ARTS & CRAFT 128

TYPICAL CABINET ELEVATIONS

¼" = 1'-0"

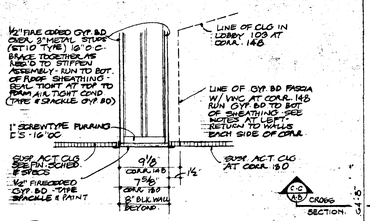
FOR CABINET ELEVATIONS AT HOME ECONOMICS & KITCHEN AREA - SEE DWG A-15

CABINET NOTES

1. ALL MODEL # INDIC. ON ELEV. ABOVE - REFER TO MONITOR LINE - SEE SPECS
2. PROVIDE PLASTIC LAMIN. FACED BACKSPLASH ON SIDES WHERE CABINETS ABUTT WALLS.
3. ALL BASE, SINK, PAPER STORAGE, TOTE TRAY & RANGE TOP CABINETS (INCL. COUNTER ABOVE DISHWASHERS) SHALL BE PROVIDED W/ PLASTIC LAMIN. FACED COUNTERTOPS - SEE SPECS
4. PROVIDE 4" H VINYL BASE AT ALL CABINETS - SEE SPECS

Y SECTION THRU LOUVERS AT MECH. EQUIP. RM 129 & STORAGE 136 & 153

1½" = 1'-0"



Z PLENUM BARRIER DETAIL

(AT CORRIDORS 130 & 148 - SEE DWG A-3 FOR LOC.)

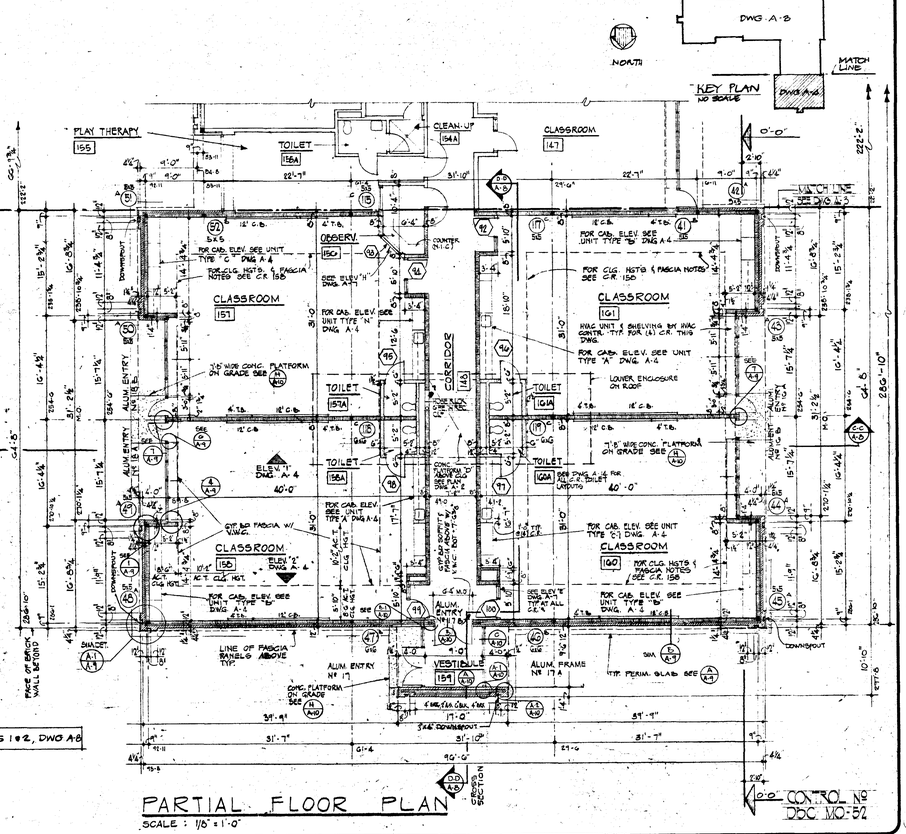
1½" = 1'-0"

NOTE: ERECT BLOCK PARTITION AFTER W.D.W. AT INSIDE FACE OF EXTERIOR WALL IS COMPLETED

REFER TO FLOOR PLAN, DWG. A-3 FOR LOCATION OF WALL

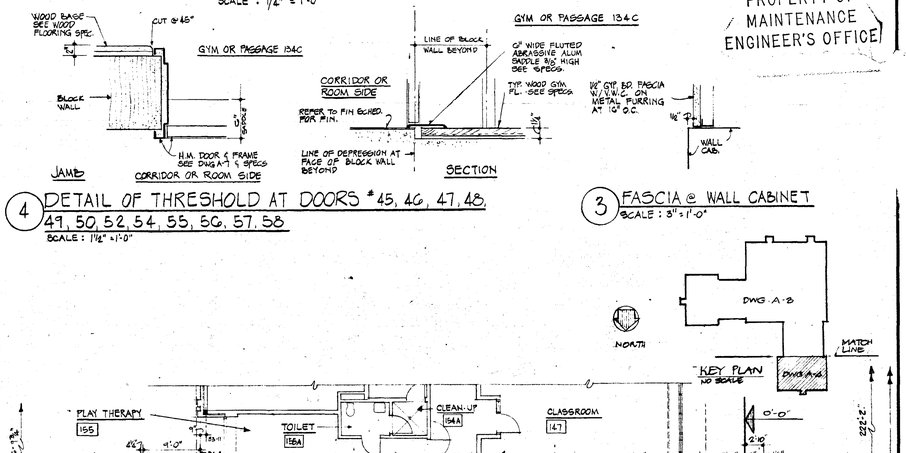
TYPICAL FABRIC BASE FLASHING (3 SIDES) - SEE SPECS

SEE GENERAL NOTES 1 & 2, DWG A-0



PARTIAL FLOOR PLAN

SCALE: 1/8" = 1'-0"



4 DETAIL OF THRESHOLD AT DOORS #45, 46, 47, 48, 49, 50, 52, 54, 55, 56, 57, 58

SCALE: 1½" = 1'-0"

3 FASCIA @ WALL CABINET

SCALE: 3" = 1'-0"

PROPERTY OF MAINTENANCE ENGINEER'S OFFICE

ECKERT GATARZ architects planners a professional association
R.D. 4, Box 447, North Brunswick, N.J. 08902 201/297-4200
Nicholas G. Eckert C3758 • Donald J. Gatarz C4397

OWNER: DEPARTMENT OF HUMAN SERVICES STATE OF NEW JERSEY

PROJECT: NEW SCHOOL FACILITY VINELAND, NEW JERSEY

JOB NO. 7616/2-3
DATE OCT. 25, 1977
REV.

DWG. TITLE: PARTIAL FLOOR PLAN; CABINET & INTERIOR ELEVATIONS

SCALE: AS NOTED
DWG. NO. A-4
4 OF 54

EXHIBIT 'C'

EXHIBIT D – CODE REVIEW

DPMC: R0242-00/WO #3
L+G: 21561.03
Date: 03/20/2023

CODE REVIEW
Southern Regional Medical Examiner's Office
Vineland Development, The Learning Center
1588 Almond Rd
Vineland NJ, 08360

Building Code: 2021 International Building Code, NJ edition
2021 National Standard Plumbing Code, NJ edition
2021 International Mechanical Code
2020 National Electric Code (NFPA 70)
ASHRAE 90.1 - 2019
ICC/ANSI A117.1-2017

Rehabilitation Code: NJUCC Rehabilitation Sub Code, Subchapter 6

Work Classification: 5:23-6.31 Change of Use
5:23-6.11 Basic Requirements of All Groups
5:23-6.7 Reconstruction

Use Group: From "E" Educational to "B" Business

Construction Type: VB

Building Area: First Floor: 43,585 sq.ft.
Mezzanine: 1,280 sq.ft.
Total Area: 44,864 sq.ft.

Climate Zone : 4A

Building Height: TBD

Stories: 1 Story

Sprinklered: YES, To be fully sprinklered

ORDER

5:23 - 6.31 - Change of Use
5.23 - 6.11 - Basic Requirements All Groups
5.23 - 6.17 - Basic Requirements - Group B
5.23 - 6.17A - Supplementary Requirements- Group B
5.23 - 6.7 - Reconstruction

Hazardous Materials--Section 414
the building shall comply with the basic requirements of N.J.A.C. 5:23-6.10-6.30

Reference	Topic	"B" Business	Remarks	Impact: C = compliant; NC = Non-compliant; N/A = Not applicable;
5:23-6	***Subcode Chapter 6***			
5:23-6.31	Change of Use			
5.23-6.31-(a)	General	1. When the use of a building is changed, then the building must be brought into compliance with the requirements of this section. Each of the lettered subsections of this section establishes a specific type of requirement. This section establishes requirements for compliance with the basic requirements of this subcode, for means of egress, for enclosure of vertical openings, for height and area limitation, for exterior wall fire resistance, for automatic sprinkler systems, for fire alarm systems, for fire detection systems, for structural soundness, for plumbing, electrical, and mechanical systems, and for accessibility.		**Will Need to Comply**

EXHIBIT 'C'

Reference	Topic	"B" Business	Remarks	Impact: C = compliant; NC = Non-compliant; N/A = Not applicable;
5.23-6.31-(a)	General	5. Where the character of use of an existing building or portion thereof is changed to one of the following special use or occupancy categories, the building or portion shall comply with the referenced section of the building subcode specific to the special use or occupancy regardless of whether a change of use group is involved.	**Hazardous Materials--Section 414**	**Will Need to Comply**
		6. Any automatic sprinkler system or fire detection and/or alarm requirements applicable to the special use or occupancy shall be applied throughout the entire building unless the special use or occupancy is separated from the remainder of the building by fire separation assemblies having a rating of at least two hours.		**Will Need to Comply**
5.23-6.31-(b)	Relative Hazard Group - Table B	According to Table B the existing building is moving from Hazard group 4 to a **HIGHER** relative hazard group of 3.	1. When the use of a building is changed to a higher relative use group hazard as shown in Table B above, the building shall comply with the basic requirements of ***N.J.A.C. 5:23-6.10*** through ***6.30*** applied throughout the building for the new group unless otherwise provided. Where another lettered subsection of this section establishes a requirement that differs from the basic requirement, the requirement contained in that other lettered subsection shall govern. The building shall comply with the basic requirements of **N.J.A.C. 5:23-6.10** through **6.30** for an automatic sprinkler system and fire detection and/or alarms applied throughout the building for the new group unless the proposed use is separated from the existing use(s) by a fire barrier or horizontal assembly, or both, having a fire resistance rating in accordance with **Table 707.3.10** of the building subcode in which case only the portion changed shall comply; mixed occupancies shall use the highest applicable rating from **Table 707.3.10**. The portion of the building changed shall comply with all the other basic requirements of **N.J.A.C. 5:23-6.10** through **6.30** for the new group.	**Will Need to Comply**
5:23-6.31-(c)	Means of Egress - Table C	According to Table C the existing building is moving from Hazard group 3 to a **LOWER** relative hazard group of 4.	3. When a change of use is made to an equal or lesser hazard category as shown in Table C above, the existing building is not required to comply with the requirements contained in (c)2 above except in areas where reconstruction work being performed in connection with the change of use triggers these requirements.	**C**

EXHIBIT 'C'

Reference	Topic	"B" Business	Remarks	Impact: C = compliant; NC = Non-compliant; N/A = Not applicable;
5:23-6.31-(d)	Enclosure of Vertical Openings	1. For any change of use that also constitutes a change in group, vertical openings other than stairs shall be protected as required by ***N.J.A.C. 5:23-6.10*** through ***6.30*** for the proposed use within each space undergoing a change of use.		**Will Need to Comply**
5:23-6.31-(e)	Height and Area - Table E	According to Table E the existing building is moving from Hazard group 2 to a **LOWER** relative hazard group of 3.	When a change of use is made to an equal or lesser hazard category as shown in Table E, the existing building may continue to exceed the maximum allowable height and area permitted for new buildings.	**C**
5:23-6.31-(f)	Exposure of Exterior Walls - Table F	There is **NO CHANGE** to the relative hazard classification.	When a change of use is made to an equal or lesser hazard classification as shown in Table F, no change in the rating of existing exterior walls is required.	**C**
5:23-6.31-(g)	Automatic Sprinkler Systems - Table G	According to Table G the existing building is moving from Hazard group 5 to a **LOWER** relative hazard group of 6.	When a change of use is made to an equal or lesser hazard category as shown in Table G, there is no requirement to install an automatic sprinkler system except in areas where work being performed in connection with the change of use triggers a requirement for an automatic sprinkler system in accordance with ***N.J.A.C. 5:23-6.30(c)*** of this subchapter.	**Building will be provided with a fully automatic sprinkler system.**
5:23-6.31-(h)	Fire Alarm and Detection Systems	Group B: A manual fire alarm system shall be installed and maintained as required by **Section 907.2.2** of the building subcode.		**C**
5:23-6.31-(i)	Single and Multiple Station Smoke Alarms	When a change of use is made to any of the following groups, single and multiple station smoke alarms shall be installed in accordance with **Section 907.2.10** of the building subcode.		**N/A**
5:23-6.31-(j)	Carbon Monoxide Detection	When the use of a building is changed and the building contains a fuel-burning appliance or has an attached garage, carbon monoxide detection equipment shall be installed in accordance with **Section 915** of the building subcode.		**Will Need to Comply**
5:23-6.31-(k)	Structural Requirements - Table K	There is **NO CHANGE** to the relative use.	Where the use or character of use within an existing building is changed to an equal or lower load category as shown in Table K above, then the existing structure may be used without modification, provided that the building is structurally sound and in good structural repair.	**Building was observed to be structurally sound and in good structural condition.**

EXHIBIT 'C'

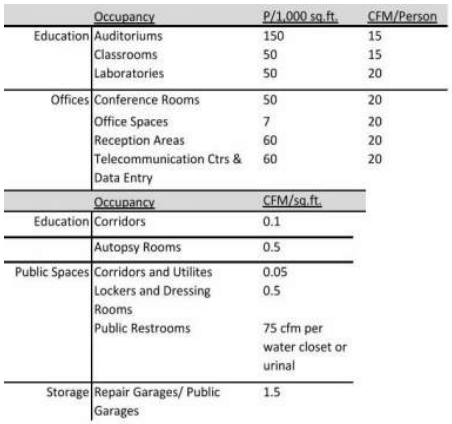
<table>
<tr><th>Reference</th><th>Topic</th><th>"B" Business</th><th>Remarks</th><th>Impact: C = compliant; NC = Non-compliant; N/A = Not applicable;</th></tr>
<tr><td>5:23-6.31-(l)</td><td>4. Plumbing Requirements</td><td>If the new use produces chemical wastes, the following shall apply: If the existing piping is compatible with the chemical waste, no change to the existing piping material is required. If the existing piping is not compatible with the chemical waste, either the waste must be neutralized prior to entering the drainage system or the piping must be changed to a compatible material. No chemical waste shall discharge to a public sewer system without the approval of the sewage authority.</td><td></td><td>Existing piping system will need to be determined to be compatible or not. It is assumed at this time that at least a portion is NOT compatible. Based on our assumption, the waste must be neutralized before entering the drainage system OR the piping must be changed to a compatible material. Prior approval of sewage authority will be required before chemical waste is discharged.</td></tr>
<tr><td>5:23-6.31-(m)</td><td>Electrical Requirements</td><td>When the character of the use of a building or portion thereof is changed to one of the following special occupancies as described at Chapter 5 of the electrical subcode, the electrical wiring and equipment of the building or portion thereof that contains the proposed use shall comply with all applicable requirements of the electrical subcode regardless of whether a change of group is involved: Hazardous (classified) Locations</td><td></td><td>Will Need to Comply</td></tr>
<tr><td rowspan="2">5:23-6.31-(n)</td><td>Mechanical Requirements (1)</td><td>i. Spaces intended to be mechanically ventilated shall comply with the following: If the occupancy of a building is changed and the new occupancy would require the same or a lesser amount of outdoor air based on the equations below, no change to the mechanical ventilation system is required. When the group of a building is changed to B or E and the building is a class one or class two building, a test and balance report shall be submitted prior to the issuance of a certificate of occupancy.</td><td rowspan="2"> 
<table>
<tr><th></th><th>Occupancy</th><th>P/1,000 sq.ft.</th><th>CFM/Person</th></tr>
<tr><td>Education</td><td>Auditoriums</td><td>150</td><td>15</td></tr>
<tr><td></td><td>Classrooms</td><td>50</td><td>15</td></tr>
<tr><td></td><td>Laboratories</td><td>50</td><td>20</td></tr>
<tr><td>Offices</td><td>Conference Rooms</td><td>50</td><td>20</td></tr>
<tr><td></td><td>Office Spaces</td><td>7</td><td>20</td></tr>
<tr><td></td><td>Reception Areas</td><td>60</td><td>20</td></tr>
<tr><td></td><td>Telecommunication Ctrs & Data Entry</td><td>60</td><td>20</td></tr>
</table>
<table>
<tr><th></th><th>Occupancy</th><th>CFM/sq.ft.</th></tr>
<tr><td>Education</td><td>Corridors</td><td>0.1</td></tr>
<tr><td></td><td>Autopsy Rooms</td><td>0.5</td></tr>
<tr><td>Public Spaces</td><td>Corridors and Utilites</td><td>0.05</td></tr>
<tr><td></td><td>Lockers and Dressing Rooms</td><td>0.5</td></tr>
<tr><td></td><td>Public Restrooms</td><td>75 cfm per water closet or urinal</td></tr>
<tr><td>Storage</td><td>Repair Garages/ Public Garages</td><td>1.5</td></tr>
</table></td><td>Will Need to Comply</td></tr>
<tr><td></td><td>ii. Spaces intended to be mechanically ventilated shall comply with the following: If the occupancy of a building is changed and the new occupancy would require a greater amount of outdoor air based on the equations below, the HVAC system shall be upgraded to satisfy the requirements of Table 403.3.1.1 in the mechanical subcode for the new occupancy. If the occupancy of a building is changed and the new occupancy would require a greater amount of outdoor air based on the equations below, the HVAC system shall be upgraded to satisfy the requirements of Table 403.3.1.1 in the mechanical subcode for the new occupancy.</td><td>Will Need to Comply</td></tr>
</table>

EXHIBIT 'C'

Reference	Topic	"B" Business	Remarks	Impact: C = compliant; NC = Non-compliant; N/A = Not applicable;
	Mechanical Requirements (3)	All newly-introduced devices, equipment or operations that produce airborne particulates, odors, fumes, sprays, vapors, smoke or gases in such quantities as to be irritating or injurious to health shall be provided with local exhaust in accordance with **Section 502** of the mechanical subcode. (Building)		**Will Need to Comply**
5:23-6.31-(o)	Accessability Requirements	1. The change of use of a building of 10,000 square feet or more total gross enclosed floor area shall comply with all applicable provisions of **Chapter 11** of the building subcode.		**Will Need to Comply**
5:23-6.11	Basic Requirements in all Groups			
5:23-6.11-(a)	Work Area	This section shall apply within the work area for all reconstruction projects.		**Will Need to Comply**
5:23-6.11-(b)	Capacity of Means of Egress	Capacity of Means of Egress: The capacity of the means of egress in each work area shall be sufficient for the maximum permitted occupant load of the work area and any adjacent spaces served by that means of egress as calculated on a per floor basis. Means of egress shall be measured in units of exit width of 22 inches. **Table 1** :With automatic sprinkler; Number of occupants: **X**; Doors, Ramps, and Corridors = 150	Capacity per Unit Egress Width. Unit of egress width = 22 inches. Group B, with an automatic sprinkler system to be installed. 8 existing 72" doors and 15 36" doors. (1.5 x 150 x15 = 3,375) (3 x 150 x 8 = 3,600)	**C**
5:23-6.11-(c)	Interior Finishes	Existing interior finishes of walls and ceilings shall have a flame spread rating not greater than the class prescribed by Table 2 below. All existing interior finish materials which do not comply with the requirements of this section shall be removed or shall be treated with an approved fire retardant coating in accordance with the manufacturer's instructions to secure compliance with the requirements of this section. Exceptions are allowed as follows: **Table 2:** Exit Enclosures = I; Exit Access Enclosures = II; Rooms or Spaces = No minimum		**Will Need to Comply**
		Interior Finishes - Flame Spread	The classification of interior finishes referred to herein corresponds to flame spread rating determined by ASTM E84 as follows: Class 1 flame spread, 0-2; Class II flame spread, 26-75. In all cases smoke developed rating determined by ASTM E84 shall not exceed 450.	
5:23-6.17	Basic Requirements - Group B			
5:23-6.17-(a)	Exits	Two exits shall be required for stories with less than 500 occupants		**C**

EXHIBIT 'C'

Reference	Topic	"B" Business	Remarks	Impact: C = compliant; NC = Non-compliant; N/A = Not applicable;
5.:23-6.17-(b)	Egress Doorways	Minimum of two egress doorways shall be required for all rooms and spaces with an occupant load greater than 50 or in which the travel distance exceeds 75 feet. All egress doors serving an occupant load greater than 50 shall swing in the direction of exit travel.	EXCEPTION: Storage rooms with a maximum occupant load of 10 shall not be required to have two egress doorways.	**Will Need to Comply**
5:23-6.17-(d)	Dead end corridors	Existing dead end corridors shall not exceed 35 feet in length.	Up to 50 feet with an automatic alarm system. Up to 70 feet with an automatic sprinkler system.	**C**
5:23-6.17-(e)	Means of Egress Lighting	Artificial lighting with an intensity of not less than one foot candle at floor level shall be required during all times that the conditions of occupancy of the building require that the exits be available.	In all rooms required to have more than one exit or exit access, means of egress lighting shall be connected to an emergency electrical system conforming to **NFPA 70 (NEC)** except that continued illumination shall be required for not less than one hour in the case of power loss.	**Will Need to Comply**
5:23-6.17-(f)	Illuminated exit signs	Illuminated exit signs shall be provided for all required means of egress in all buildings, rooms or spaces required to have more than one exit or exit access. Exit signs shall be visible from the exit access and supplemented by directional signs when necessary. (Exception: Approved main exterior doors that are clearly identified as exits are not required to have exit signs.)Shall be provided for all required means of egress in all buildings, rooms or spaces required to have more than one exit or exit access.	Exit signs shall meet the following criteria: 1. Red or green letters at least six inches high; minimum width of each stroke 3/4 inch on a white background or in other approved distinguishable colors. Arrows, if provided, shall be such that the direction cannot readily be changed. The word "Exit" shall be clearly discernible when the sign is not energized. 2. Exit signs shall be illuminated at all times when the building is occupied by a source providing at least five foot candles at the illuminated surface or shall be approved self-luminous signs which provide evenly illuminated letters with a minimum luminance of 0.06 foot lamberts. Exit signs shall be connected to an emergency electrical system conforming to **NFPA 70 (NEC)** except that continued illumination shall be required to be provided for not less than one hour in the case of primary power loss. No emergency power shall be required for approved self-luminous signs. (Plan review--Building, Fire. Inspection--Building)	**Will Need to Comply**
5:23-6.17-(g)	Handrails	Required exit stairways having three or more risers shall be provided with handrails for the full length for the run of steps on at least one side. All exit stairways more than 66 inches wide shall have handrails on both sides unless the full width of the stairway is not needed to accommodate the design occupancy.		**Will Need to Comply**
5:23-6.17-(h)	Guards	Shall be provided for every open portion of a stair, landing, or balcony which is more than 30 inches above the floor or grade below.		**Will Need to Comply**

EXHIBIT 'C'

Reference	Topic	"B" Business	Remarks	Impact: C = compliant; NC = Non-compliant; N/A = Not applicable;
5:23-6.17-(i)	Vertical Opening Protection	(3.i): No vertical opening protection shall be required for vertical openings in buildings with an automatic sprinkler system throughout, not exceeding three stories.		**C**
5:23-6.17-(j)	Structural Elements	Structural elements which are uncovered during the course of the rehabilitation and found to be unsound or otherwise structurally deficient, shall be reinforced, supported or replaced. Where structural elements are sound, and there is no excessive deflection and fixed loads are not changing to increase the stresses on existing structures existing structural elements shall remain.		**Will Need to Comply**
5:23-6.17-(k)	Plumbing fixtures	Fixtures to be provided as per **Table 7.21.1** of the plumbing subcode for Employees	Number of Persons of Each Sex: 16-50 - 2 Male & 2 Female Water Closets, 1 Male and 1 Female Lavatory, 1 Drinking Water Facility and 1 Service Sink	**Will Need to Comply**
		Customers: 1-25 total occupancy	1 Unisex Water Closet, 1 Lavatory, 1 Drinking Water Facility, and 1 Service Sink	**C**
5:23-6.17-(l)	Mechanical Requirements	(2.) Mechanically- ventilated spaces: newly-installed HVAC shall comply with **IMC 2021**. Existing systems that are altered or extended shall not reduce the amount of outside air below the existing rate per person or the rate included in the mechanical subcode, whichever is lower. As a minimum, mechanically-ventilated spaces shall be provided with five CFM per person of outdoor air and 15 CFM of ventilation air per person.		**Will Need to Comply**
		(3.) All newly-introduced devices, equipment or operations that produce airborne particulates, odors, fumes, sprays, vapors, smoke or gases in such quantities to be irritating or injurious to health shall be provided with local exhaust. (Building)		
5:23-6.17-(m)		Interior finishes shall comply with ***N.J.A.C. 5:23-6.11(c)*** **.**		**Will Need to Comply**
5:23-6.17-(n)		Specific Occupancy Areas: Specific occupancy areas within the work area, as listed in ***N.J.A.C. 5:23- 6.30(h)*** , shall comply with the requirements established in that section for separation and/or protection.		**N/A**
5:23-6.17A	Supplemental requirements - Group B			

EXHIBIT 'C'

Reference	Topic	"B" Business	Remarks	Impact: C = compliant; NC = Non-compliant; N/A = Not applicable;
5:23-6.17A-(a)	Manual alarm system	Work area exceeds 50 percent of the gross enclosed floor area, a fire alarm system shall be installed throughout the building.	1. Exception: Manual alarm systems are not required in buildings which do not have occupied floors which are two or more stories above the lowest level of exit discharge or floors two or more stories below the highest level of exit discharge. (Fire)	**Building will be fully sprinklered**
5:23-6.17A-(b)	Vertical Opening Protection	When the work area exceeds 50 percent of the gross enclosed floor area of the building, vertical opening protection shall be provided throughout the building as follows:	i. Exception: No vertical opening protection shall be required for buildings up to 3,000 square feet per floor or for buildings with an automatic sprinkler system throughout. (Plan review--Building, Fire. Inspection--Building)	**Building will be fully sprinklered**
5:23-6.7	Reconstruction			
5:23-6.7-(a)	General Requirements	Reconstruction, as defined in **N.J.A.C. 5:23-6.3**, shall comply with the requirements of this section:	2. If work performed or to be performed in phases is so extensive that the project would require a new certificate of occupancy if the work were performed at one time, the construction official may designate the project a reconstruction project and require that the requirements of this section be met.	**C**
5:23-6.7-(b)	Condition of the Work	All work shall be done in a workmanlike manner.		**Will Need to Comply**
5:23-6.7-(c)	Work shall not diminish of existing structure, or system and mechanical ventilation capacity	The work shall not cause any diminution of existing structural strength, system capacity or mechanical ventilation below that which exists at the time of application for a permit or that which is required by the applicable subcodes of the Uniform Construction Code, whichever is lower. The replacement or addition of fixtures, equipment or appliances shall not increase loads on these systems unless the system is upgraded in accordance with the applicable subcode of the UCC to accommodate the increased load.	1. Newly introduced fixed loads shall not exceed the uniformly distributed live loads or concentrated live load criteria of Table 1607.1 of the building subcode, and shall not create deflection that exceeds the standards set forth. As used in this section, fixed loads shall mean uniform or concentrated loads and shall include, but not be limited to, equipment, files, library stacks, or similar loading conditions. : For wood frame construction, deflection shall not exceed L/180 for roofs with a slope of 3 in 12 or less or L/120 for roofs with a slope of greater than 3 in 12 and for floors; For steel frame construction, deflection shall not exceed L/240 for roofs with a slope of 3 in 12 or less or L/180 for roofs with a slope of greater than 3 in 12 and for floors.	**Will Need to Comply**

EXHIBIT 'C'

Reference	Topic	"B" Business	Remarks	Impact: C = compliant; NC = Non-compliant; N/A = Not applicable;
			2. Fire protection system removal: Any fire protection system providing partial or redundant protection originally installed to protect a special hazard that no longer exists and that is not required in accordance with the current Uniform Construction Code, is allowed to be removed with the written approval of the fire subcode official and fire official. All disconnected equipment and devices, such as pull stations, nozzles, detectors, sprinklers, sensors, panels and hose connections, shall be removed so as not to give a false indication that the structure, area or space is protected.	**Will Need to Comply**
			3. No work shall be undertaken that diminishes accessibility below that which is required by Chapter 11 of the building subcode.	**Will Need to Comply**
			4. Construction materials used as part of a reconstruction project shall be consistent with the existing construction type or the allowable construction type, whichever is less restrictive.	**Will Need to Comply**
5:23-6.7-(d)	The Following Products and Practices shall not be used in the Work	1. Carpet used for floor covering that fails to meet the DOC FF-1 "Pill Test" (Consumer Product Safety Commission 16 CFR 1630)		**Will Need to Comply**
		2. Electrical materials/supplies: Unlisted or unapproved electrical products. As stated in the National Electric Code (sections **90.7, 110.2, 110.3**, and article 100), only electrical products listed, labeled, approved, and identified are acceptable. Approval is to be based on tests and listings of testing laboratories such as Underwriters Laboratories Inc. (UL), Factory Mutual (FM) or Canadian Standards Association/Nationally Recognized Testing Laboratory (CSA/NRTL), etc.		**Will Need to Comply**
		3. Plumbing materials and supplies:	All purpose solvent cement; clear PB (polybutylene piping; flexible traps and tailpieces; sheet and tubular copper and brass trap and tailpiece fittings less than B&S (Brown & Sharpe) 17 gauge (.045 inch; and solder having more than 0.2% lead shall not be used in the repair of potable water systems.	**Will Need to Comply**
		5.The following practices shall not be used on painted surfaces in all buildings of Group R that were constructed before 1978, Group E and Group I-4 buildings used as child-care facilities unless the painted surface has been tested and found to be free of lead-based paint:		**N/A**

EXHIBIT 'C'

Reference	Topic	"B" Business	Remarks	Impact: C = compliant; NC = Non-compliant; N/A = Not applicable;
5:23-6.7-(e)	Required products and practices when applicable:	1. When any water closet is replaced, the replacement water closet shall require not more than 1.6 gallons of water per flush as required by the plumbing subcode.		**Will Need to Comply**
	Toilet room accessability	2. In buildings required by **Chapter 11** of the building subcode to be accessible, when bathrooms or toilet rooms are altered, the following requirements for providing accessibility shall apply unless the requirements of **Chapter 11** of the building subcode have been met:	i.When toilet partitions are moved or installed, but existing fixtures are not being moved, an accessible stall complying with **ICC/ANSI A117.1, Section 604.9** shall be created provided that this can be accomplished without moving fixtures	**Will Need to Comply**
			ii. When bathroom fixtures or hardware are replaced, the replacement fixtures or hardware shall comply with **ICC/ANSI A117.1, Sections 603** through **608**, as applicable.	**Will Need to Comply**
			iii. Where full compliance is technically infeasible, a single fixture unisex accessible bathroom shall be permitted. This may be accomplished by providing two unisex bathrooms, one of which is accessible.	**Will Need to Comply**
			iv. Where it is technically infeasible to gain compliance with the altered bathroom, signage to the closest accessible bathroom (if any) shall be provided at the altered bathroom.	**Will Need to Comply**
5:23-6.7-(e)	Required products and practices when applicable:	3. In buildings required by **Chapter 11** of the building subcode to be accessible, when space is reconfigured, the reconstructed space shall comply with **Chapter 11** of the building subcode.	i. Where full compliance is technically infeasible, compliance shall be achieved to the maximum extent feasible.	**Will Need to Comply**
	Door Accessability	4. Replacement or new doors shall comply with the following:	i. In buildings required by **Chapter 11** of the building subcode to be accessible, when new door openings are created, existing door openings are enlarged or door assemblies are replaced and the required door width can be achieved within the existing opening, the new door shall comply with **ICC/ANSI A117.1**, **Section 404**. If the door being added, enlarged, or replaced is a building entrance and at least 60 percent of the entrance doors are accessible, then the door being added, enlarged, or replaced is not required to comply with **ICC/ANSI A117.1, Section 404**	**Will Need to Comply**
	Entrance Accessability	5. In buildings required by **Chapter 11** of the building subcode to be accessible, when entrance steps are being replaced, a ramp shall be installed, provided that the installation of a ramp does not add more than 20 percent to the cost of replacing the steps.		**N/A**
	Vertical Accessability	6. When providing vertical access is part of the scope of work, a limited use limited application elevator or platform lift may be installed as permitted **Chapter 11** of the building subcode.		**N/A**

EXHIBIT 'C'

Reference	Topic	"B" Business	Remarks	Impact: C = compliant; NC = Non-compliant; N/A = Not applicable;
	Glass Replacement	7. Replacement glass shall comply with the "Safety Glazing" requirements of the building subcode and shall be installed in the "Hazardous Locations" as specified by Sections 2406.4 and 2406.5 of the building subcode.		**Will Need to Comply**
	Fireproofing Replacement	8.Where a fireproofing material is removed that is integral to the rating of an existing fire-rated assembly, the material shall be replaced so that the rating is preserved.		**Will Need to Comply**
	Fuse Replacement	9. Plug fuses of the Edison-base type shall be used only for replacements where there is no evidence of over fusing or tampering per Section 240.51(B) of the electrical subcode.		**N/A**
	Electrical Service	10. Any replacement to the electrical service equipment shall require that the grounding electrode system be updated to the requirements of Article 250 Part III of the electrical subcode.		**Will Need to Comply**
5:23-6.7-(e)	Receptacles	11.Non-"hospital grade" receptacles in patient bed locations of health care facilities, Group I-2, shall be replaced with "hospital grade" receptacles.		**N/A**
	Ceiling Height	12. In buildings of Groups R-1 and R-2, when habitable space is created in previously unoccupied space, the minimum clear ceiling height shall be seven feet. For rooms with a sloped ceiling, the minimum clear ceiling height shall be seven feet for at least 35 square feet of the floor area of the room. Any portion of the room measuring less than five feet from the finished floor to the finished ceiling shall not be considered usable floor area.		**N/A**
	Refrigerant	13. When a new refrigerant is introduced, the requirements of the mechanical subcode applicable to that refrigerant, if any, shall be met. This shall apply to the installation of new equipment, the replacement of existing equipment with equipment using a different refrigerant, or the replacement of the refrigerant in existing equipment with a different refrigerant.		**Will Need to Comply**
	Fireblocking	14. When the work being performed creates or exposes wood framing of any wall, floor, ceiling, or roof, fireblocking shall be provided as required by Section 718.2 of the building subcode.		**Will Need to Comply**

EXHIBIT 'C'

<table>
<tr><th>Reference</th><th>Topic</th><th>"B" Business</th><th>Remarks</th><th>Impact: C = compliant; NC = Non-compliant; N/A = Not applicable;</th></tr>
<tr><td></td><td>Insulation Values</td><td>15. When the work being performed creates or exposes the roof decking/sheathing or the framing of any wall, floor, ceiling, or roof assembly that is part of the building thermal envelope any accessible voids in insulation shall be filled using insulation meeting the R-values of Table 5.5-4 of commercial energy code.</td><td>
<table>
<tr><td></td><td colspan="2">Nonresidential</td></tr>
<tr><td>Opaque Elements</td><td>Assembly Maximum</td><td>Insulation Min. R-Value</td></tr>
<tr><td colspan="3">Roofs</td></tr>
<tr><td>Insulation entirely above deck</td><td>U-0.032</td><td>R-30 c.i.</td></tr>
<tr><td>Metal building[a]</td><td>U-0.037</td><td>R-19 + R-11 Ls or R-25 + R-8 Ls</td></tr>
<tr><td>Attic and other</td><td>U-0.021</td><td>R-49</td></tr>
<tr><td colspan="3">Walls, above Grade</td></tr>
<tr><td>Mass</td><td>U-0.104</td><td>R-9.5 c.i.</td></tr>
<tr><td>Metal building</td><td>U-0.060</td><td>R-0 + R-15.8 c.i.</td></tr>
<tr><td>Steel-framed</td><td>U-0.064</td><td>R-13 + R-7.5 c.i.</td></tr>
<tr><td>Wood-framed and other</td><td>U-0.064</td><td>R-13 + R-3.8 c.i. or R-20</td></tr>
<tr><td colspan="3">Wall, below Grade</td></tr>
<tr><td>Below-grade wall</td><td>C-0.119</td><td>R-7.5 c.i.</td></tr>
</table>
<table>
<tr><td colspan="3">Floors</td></tr>
<tr><td>Mass</td><td>U-0.057</td><td>R-14.6 c.i.</td></tr>
<tr><td>Steel joist</td><td>U-0.038</td><td>R-30</td></tr>
<tr><td>Wood-framed and other</td><td>U-0.033</td><td>R-30</td></tr>
<tr><td colspan="3">Slab-on-Grade Floors</td></tr>
<tr><td>Unheated</td><td>F-0.520</td><td>R-15 for 24 in.</td></tr>
<tr><td>Heated</td><td>F-0.843</td><td>R-20 for 24 in.</td></tr>
<tr><td colspan="3">Opaque Doors</td></tr>
<tr><td>Swinging</td><td>U-0.370</td><td></td></tr>
<tr><td>Nonswinging</td><td>U-0.310</td><td></td></tr>
</table>
</td><td>Will Need to Comply</td></tr>
<tr><td>5:23-6.7-(e)</td><td>Fenestration</td><td>16. When fenestration (windows, skylights, or doors) is newly installed or replaced, the U-factor (thermal transmittance) shall not exceed the U-factor of Table 5.5-4 of the commercial energy code.</td><td>
<table>
<tr><td>Fenestration</td><td>Assembly Max. U</td><td>Assembly Max. SHGC</td><td>Assembly Min. VT/SHGC</td><td>Assembly Max. U</td></tr>
<tr><td colspan="5">Vertical Fenestration, 0% to 40% of Wall</td></tr>
<tr><td>Fixed</td><td>0.36</td><td>0.36</td><td rowspan="3">1.10 (for all types)</td><td>0.36</td></tr>
<tr><td>Operable</td><td>0.45</td><td>0.33</td><td>0.45</td></tr>
<tr><td>Entrance door</td><td>0.63</td><td>0.33</td><td>0.63</td></tr>
<tr><td colspan="5">Skylight, 0% to 3% of Roof</td></tr>
<tr><td>All types</td><td>0.50</td><td>0.40</td><td>NR</td><td>0.50</td></tr>
</table>
</td><td>Will Need to Comply</td></tr>
<tr><td></td><td>Ducts</td><td>17. Newly installed or replaced ducts shall be installed with insulation meeting the R-values of Section 6.4.4.1.2 of the commercial energy code.</td><td></td><td>Will Need to Comply</td></tr>
<tr><td></td><td>Building Lighting System</td><td>18. Total replacement of a building lighting system or newly installed shall meet Section 9.1.2 of the commercial energy code.</td><td>i. Exception: The total replacement of a lighting system within a room, space or tenancy shall be required to meet Section 9.1.2 for the room, space or tenancy only.</td><td>Will Need to Comply</td></tr>
</table>

EXHIBIT 'C'

Reference	Topic	"B" Business	Remarks	Impact: C = compliant; NC = Non-compliant; N/A = Not applicable;
	Gas Meter	19. When the work being performed results in an indoor or outdoor gas meter, related regulator or piping becoming subject to vehicle impact, which work includes, but is not limited to, new installation, relocation or other construction, the gas meter, related regulator or piping shall be protected by barriers meeting the requirements of Section 312 of the International Fire Code. For the purpose of applying this provision, "subject to vehicle impact" shall mean located within three feet of any garage door opening, driveway or designated parking area and not separated by a building wall from the space where a vehicle may be operated.		**Will Need to Comply**
	Elevator	20. Where work, other than ordinary maintenance or minor work, is being performed on an elevator, the elevator shall be equipped to operate with a standardized fire service key. (Fire		**N/A**
	Exit Enclosure	21. The work shall not cause an exit enclosure to be used for any purpose other than means of egress, except those penetrations permitted by Section 1023.5 of the building subcode		**Will Need to Comply**
	Exiting Openings to Exit	22. Existing openings that become part of an exit or exit access and newly created openings to be used as an exit or exit access shall meet Section 1008.3 and Section 1013 of the building subcode when more than one exit or exit access is required. This shall apply only to the portion of the building served by the new exit or exit access.		**Will Need to Comply**
5:23-6.7-(f)	Carbon Monoxide Detection Equipment	In buildings containing a fuel burning appliance or having an attached garage, carbon monoxide detection equipment shall be installed in accordance with Section 915 of the building subcode.		**Will Need to Comply**
5:23-6.7-(g)	All materials and methods used shall comply with the requirements specified in *N.J.A.C. 5:23-6.8* , Materials and methods.	1. For repair work undertaken as part of a reconstruction project, materials like those existing may be used. There is no limit to the amount of repair work which may be undertaken.		**Will Need to Comply**
		2. Windows may be replaced with windows like those existing without meeting the size requirements of the building subcode.		**Will Need to Comply**

EXHIBIT 'C'

Reference	Topic	"B" Business	Remarks	Impact: C = compliant; NC = Non-compliant; N/A = Not applicable;
		3. Newly installed and replacement handrails and guardrails shall comply with Sections 1010.1, 1012.8, 1014, and 1015 of the building subcode. Where 50 percent or more of a handrail or guardrail on a flight or on a level is replaced, then this shall be considered a complete replacement and shall comply with the above referenced sections. The repair or replacement of less than 50 percent of a handrail or guardrail shall be permitted to match the existing handrail or guardrail.		**Will Need to Comply**
5:23-6.7-(h)	All new building elements shall comply with N.J.A.C. 5:23-6.9.			**Will Need to Comply**
5:23-6.7-(k)	Accessible path of travel	Buildings required by Chapter 11 of the building subcode to be accessible, where the space reconstructed is a primary function space, an accessible path of travel to the space shall be provided.	1. The accessible path of travel shall include, but not be limited to, an accessible parking space, an accessible exterior route, an accessible building entrance, an accessible interior route to the reconstructed area, accessible restrooms, accessible drinking fountains, and accessible telephones serving the reconstructed primary function space. Priority shall be given to providing an accessible entrance or accessible restrooms where possible.	**Will Need to Comply**
5:23-6.30	Special Technical Requirements - All Groups			
5:23-6.30 - (b)	Automatic Sprinklers	When an automatic sprinkler system is required or provided, the sprinkler riser shall be sized to serve the entire building even if the system currently being installed serves only a portion of the building.		**Fully Automatic Sprinkler System to be Added**
	2021 International Building Code, NJ edition			
414.1	Hazardous Materials General	1. The provisions of Sections 414.1 through 414.6 shall apply to buildings and structures occupied for the manufacturing, processing, dispensing, use or storage of *hazardous materials.*	Hazardous materials are those chemicals or substances that are *physical hazards* or *health hazards* as classified in Section 307 and the *International Fire Code* , whether the materials are in usable or waste condition.	
			1. Buildings and structures with an occupancy in Group H shall comply with this section and the applicable provisions of Section 415 and the *International Fire Code* .	**SECTION 415 FIRE CODE**
			2. The safe design of hazardous material occupancies is material dependent. Individual material requirements are found in Sections 307 and 415, the International Mechanical Code and the International Fire Code.	**SECTION 307 FIRE CODE**

EXHIBIT 'C'

Reference	Topic	"B" Business	Remarks	Impact: C = compliant; NC = Non-compliant; N/A = Not applicable;
			3. A report shall be submitted to the fire protection subcode official identifying the maximum expected quantities of hazardous materials to be stored, used in a closed system and used in an open system, and subdivided to separately address hazardous material classification categories based on Tables 307.1(1) and 307.1(2). The methods of protection from such hazards, including but not limited to control areas, fire protection systems and Group H occupancies shall be indicated in the report and on the construction documents. The opinion and report shall be prepared by a qualified person, firm or corporation approved by the fire protection subcode official and provided without charge to the enforcing agency. For buildings and structures with an occupancy in Group H, separate floor plans shall be submitted identifying the locations of anticipated contents and processes so as to reflect the nature of each occupied portion of every building and structure	**SECTION 307 FIRE CODE**
414.2	Control Areas	Control Areas shall comply with Sections 414.2.1 through 414.2.5 and the *International Fire Code* .	Control Areas are spaces within a building where quantities of hazardous materials not exceeding the maximum allowable quantities per control area are stored, dispensed, used or handled. See the definition of "Outdoor control area" in the International Fire Code.	**Outdoor control area in the International Fire Code.**
			1. Control areas shall be separated from each other by fire barriers constructed in accordance with Section 707 or horizontal assemblies constructed in accordance with Section 711, or both.	**section 707 or 711 IBC**
414.2		[F] TABLE 414.2.2 DESIGN AND NUMBER OF CONTROL AREAS STORY / PERCENTAGE OF THE MAXIMUM ALLOWABLE QUANTITY PER CONTROL AREA[a] / NUMBER OF CONTROL AREAS PER STORY / FIRE-RESISTANCE RATING FOR FIRE BARRIERS IN HOURS[b] 1 / 100 / 4 / 1	2.The percentage of maximum allowable quantities of hazardous materials per control area permitted at each floor level within a building shall be in accordance with Table 414.2.	
		Number of Control Areas	3.The maximum number of control areas within a building shall be in accordance with Table 414.2.2. For the purposes of determining the number of control areas within a building, each portion of a building separated by one or more fire walls complying with Section 706 shall be considered	

EXHIBIT 'C'

Reference	Topic	"B" Business	Remarks	Impact: C = compliant; NC = Non-compliant; N/A = Not applicable;
		Fire Resistance Requirements	4.The required fire-resistance rating for fire barriers shall be in accordance with Table 414.2.2. The floor assembly of the control area and the construction supporting the floor of the control area shall have a fire-resistance rating of not less than 2 hours.	
		Hazard Materials in Group M & S	5. Hazardous materials located in Group M and Group S occupancies shall be in accordance with Sections 414.2.5.1 through 414.2.5.3.	**N/A**
414.3	Ventilation	Rooms, areas or spaces in which explosive, corrosive, combustible, flammable or highly toxic dusts, mists, fumes, vapors or gases are or have the potential to be emitted due to the processing, use, handling or storage of materials shall be mechanically ventilated where required by this code, the International Fire Code or the International Mechanical Code.		**Will Need to Comply**
414.4	Hazardous Material System	Systems involving hazardous materials shall be suitable for the intended application. Controls shall be designed to prevent materials from entering or leaving process or reaction systems at other than the intended time, rate or path. Automatic controls, where provided, shall be designed to be fail safe.		**Will Need to Comply**
414.5	Inside Storage, Dispensing and Use	The inside storage, dispensing and use of hazardous materials shall be in accordance with Sections 414.5.1 through 414.5.3 of this code and the International Fire Code.		
	Explosion Control	1. Explosion control shall be provided in accordance with the International Fire Code as required by Table 414.5.1 where quantities of hazardous materials specified in that table exceed the maximum allowable quantities in Table 307.1(1) or where a structure, room or space is occupied for purposes involving explosion hazards as required by Section 415 or the International Fire Code.		**Will Need to Comply**

EXHIBIT 'C'

Reference	Topic	"B" Business	Remarks	Impact: C = compliant; NC = Non-compliant; N/A = Not applicable;
	Emergency or Standby Power	2. Where required by the International Fire Code or this code, mechanical ventilation, treatment systems, temperature control, alarm, detection or other electrically operated systems shall be provided with emergency or standby power in accordance with Section 2702. For storage and use areas for highly toxic or toxic materials, see Sections 6004.2.2.8 and 6004.3.4.2 of the International Fire Code.		**Will Need to Comply**
509	Separation of incidental uses	Incidental uses located within single occupancy or mixed occupancy buildings shall comply with the provisions of this section. Incidental uses are ancillary functions associated with a given occupancy that generally pose a greater level of risk to that occupancy and are limited to those uses specified in Table 509.1.	**Emissions generated at workstations shall be confined to the area in which they are generated as specified in the International Fire Code and the International Mechanical Code.**	
		Furnace room where any piece of equipment is over 400,000 Btu per hour	1 hour or provide automatic sprinkler system	
		Rooms with boilers where largest piece of equipment is over 15 psi and 10 horsepower	1 hour or provide automatic sprinkler system	
601 - Table 601	Primary structural frame	Type IIB = 0 hours		
	Bearing walls and partitions fire-resistance rating - Exterior & Interior	Type IIB = 0 hours		
	Nonbearing walls and partitions fire-resistance rating - Interior	Type IIB = 0 hours		
	Floor construction and associated secondary members	Type IIB = 0 hours		
	Roof construction and associated secondary members	Type IIB = 0 hours		
913.2	Protection of Fire Pump Rooms	1-hour fire barriers or 1-hour horizontal assemblies permitted in buildings equipped throughout with an automatic sprinkler system.		**Will Need to Comply**
1004.5	Max. allowable occupancy			
1005.3.2	Means of egress sizing - Other egress components	Capacity factor of 0.2 inch per occupant	Exceptions: Capacity factor of 0.15 inch per occupant in buildings equipped throughout with an automatic sprinkler system and an emergency voice/alarm communication system.	**C**
1006.3.2	Egress based on occupant load	occupant load per story = 1 - 500; minimum number of exits or access to exits from story = 2		

EXHIBIT 'C'

Reference	Topic	"B" Business	Remarks	Impact: C = compliant; NC = Non-compliant; N/A = Not applicable;
1007.1.1	Two exits or exit access doorways	where two exits, exit access doorways, exit access stairways or ramps are required they shall be placed a distance apart equal to not less than one-half of the length of the maximum overall diagonal dimension of the building or area to be served.	Exception: Where building is equipped throughout with an automatic sprinkler system the separation distance shall not be less than one-third of the length of the maximum overall diagonal dimension of the area served.	**N/A**
1009.1	Required accessible means of egress	Where more than one means of egress is required from any accessible space, each accessible portion of the space shall be served by not less than two accessible means of egress.		
1017.2	Exit access travel distance	with sprinkler system = 300 ft.		
1020.1	Corridor fire-resistance rating	With sprinkler system = 0 hours		
1020.2	Corridor width	Minimum width = 44 inches		
1020.4	Dead ends	More than one exit or exit access doorway is required, the exit access shall be arranged such that the dead-end corridors do not exceed 20 feet.	Exception: Where the building is equipped throughout with an automatic sprinkler system, the length of the dead-end corridors shall not exceed 50 feet.	
1023.2	Vertical protection	enclosures for interior exit stairways constructed as 1-hour rated fire barrier connecting 4 stories or less.		**N/A**
1024.2	Exit passageway width and capacity	Minimum width = 44 inches	Capacity determined by 1005.3.2	
1024.3	Exit passageway construction	Walls, floors, and ceilings of not less than a 1-hour fire resistance rating. Shall be constructed as fire-barriers or horizontal assemblies.		
1025.2	Markings within exit components	Required		
1104.1	Accessible site arrival points	At least one accessible route shall be provided to the accessible building entrance.		
1104.2	Site Arrival Points	At least one accessible route within the site shall be provided from public transportation stops, accessible parking, accessible passenger loading zones, and public streets or sidewalks to the accessible building entrance served.		
1104.3	Connected spaces	Exception: An accessible route shall not be required between site arrival points and the building or facility entrance if the only means of access between them is a vehicular way not providing for pedestrian access.		
1104.5	Location	Accessible routes shall coincide with or be located in the same area as a general circulation path. Where the circulation path is interior, the accessible route shall be interior. Where only one accessible route is provided, the accessible route shall not pass through kitchens, storage rooms, restrooms, closets or similar spaces.		

EXHIBIT 'C'

Reference	Topic	"B" Business	Remarks	Impact: C = compliant; NC = Non-compliant; N/A = Not applicable;
1104.6	Security Barriers	Security barriers including, but not limited to, security bollards and security check points shall not obstruct a required accessible route or accessible means of egress.	Exception: Where security barriers incorporate elements that cannot comply with these requirements, such as certain metal detectors, fluoroscopes or other similar devices, the accessible route shall be permitted to be provided adjacent to security screening devices. The accessible route shall permit persons with disabilities passing around security barriers to maintain visual contact with their personal items to the same extent provided others passing through the security barrier.	**Will Need to Comply**
1105.1	Accessible public entrances	At least 60 percent of all public entrances shall be accessible. The primary entrance(s) used by the general public shall be accessible.		**N/A**
1106.2	Required	Where parking is provided, accessible parking spaces shall be provided in compliance with Table 1106.2, except as required by Sections 1106.3 through 1106.5. Where more than one parking facility is provided on a site, the number of parking spaces required to be accessible shall be calculated separately for each parking facility.	This section does not apply to parking spaces used exclusively for buses, trucks, other delivery vehicles, law enforcement vehicles or vehicular impound and motor pools where lots accessed by the public are provided with an accessible passenger loading zone.	**Will Need to Comply**
1106.6	Van Spaces	For every six or fraction of six accessible parking spaces, at least one shall be a van-accessible parking space.		**Will Need to Comply**
1106.7	Location	Accessible parking spaces shall be located on the shortest accessible route of travel from adjacent parking to an accessible building entrance. In parking facilities that do not serve a particular building, accessible parking spaces shall be located on the shortest route to an accessible pedestrian entrance to the parking facility. Where buildings have multiple accessible entrances with adjacent parking, accessible parking spaces shall be dispersed and located near the accessible entrances.	1. Accessible parking spaces shall be permitted to be located in different parking facilities if substantially equivalent or greater accessibility is provided in terms of distance from an accessible entrance or entrances, parking fee and user convenience.	**Will Need to Comply**
1106.9	Passenger Loading Zones	Passenger loading zones shall be accessible.	1.Where passenger loading zones are provided, one passenger loading zone in every continuous 100 linear feet (30.4 m) maximum of loading zone space shall be accessible.	**Will Need to Comply**
1106.1	Parking Signage	Each accessible parking space shall be marked with an R7-8 sign from the Manual of Uniform Traffic Control Devices and shall display the international symbol of accessibility. Beneath the R7-8 sign, each accessible parking space shall also be marked with a penalty sign, as required by *N.J.S.A. 39:4-198*		**Will Need to Comply**

EXHIBIT 'C'

Reference	Topic	"B" Business	Remarks	Impact: C = compliant; NC = Non-compliant; N/A = Not applicable;
1110.2	Toilet and Bathing Facilites	Each toilet room and bathing room shall be accessible. Where a floor level is not required to be connected by an accessible route, the only toilet rooms or bathing rooms provided within the facility shall not be located on the inaccessible floor. Except as provided for in Sections 1110.2.4 and 1110.2.5, at least one of each type of fixture, element, control or dispenser in each accessible toilet room and bathing room shall be accessible.	1.Toilet rooms or bathing rooms accessed only through a private office, not for common or public use and intended for use by a single occupant, shall be permitted to comply with the specific exceptions in ICC A117.1.	**Will Need to Comply**
			2. Where multiple single-user toilet rooms or bathing rooms are clustered at a single location, at least 50 percent but not less than one room for each use at each cluster shall be accessible.	**Will Need to Comply**
1110.3	Sinks	Where sinks are provided, at least 5 percent but not less than one provided in accessible spaces shall be accessible.	Exception: Mop or service sinks are not required to be accessible.	**Will Need to Comply**
1110.4	Kitchens and Kitchenettes	Where kitchens and kitchenettes are provided in accessible spaces or rooms, they shall be accessible.		**Will Need to Comply**
1110.5	Drinking Fountains	Where drinking fountains are provided on an exterior site, on a floor or within a secured area, the drinking fountains shall be provided in accordance with Sections 1110.5.1 and 1110.5.2.	1. Not fewer than two drinking fountains shall be provided. One drinking fountain shall comply with the requirements for people who use a wheelchair and one drinking fountain shall comply with the requirements for standing persons. A single drinking fountain with two separate spouts that complies with the requirements for people who use a wheelchair and standing persons shall be permitted to be substituted for two separate drinking fountains.	**Will Need to Comply**
			2. Where more than the minimum number of drinking fountains specified in Section 1110.5.1 is provided, 50 percent of the total number of drinking fountains provided shall comply with the requirements for persons who use a wheelchair and 50 percent of the total number of drinking fountains provided shall comply with the requirements for standing persons.	
1110.6	Bottle Filling Stations	Where bottle-filling stations are provided, they shall be accessible	Exception: Bottle-filling stations over drinking fountains for standing persons are not required to be accessible, provided that bottle-filling stations are also located over the drinking fountains for persons using wheelchairs.	**Will Need to Comply**

EXHIBIT 'C'

Reference	Topic	"B" Business	Remarks	Impact: C = compliant; NC = Non-compliant; N/A = Not applicable;
1110.11	Storage	Where fixed or built-in storage elements such as cabinets, coat hooks, shelves, medicine cabinets, lockers, closets and drawers are provided in required accessible spaces, at least 5 percent, but not less than one of each type shall be accessible.		**Will Need to Comply**
1110.12	Seating at Tables, Counters and Work Surfaces	Where seating or standing space at fixed or built-in tables, counters or work surfaces is provided in accessible spaces, at least 5 percent of the seating and standing spaces, but not less than one, shall be accessible.		**Will Need to Comply**
1110.14	Dressing, Fitting and Locker Rooms	Where dressing rooms, fitting rooms or locker rooms are provided, at least 5 percent, but not less than one, of each type of use in each cluster provided shall be accessible.		**Will Need to Comply**

EXHIBIT 'C'

EXHIBIT E – PROGRAM DOCUMENT

EXHIBIT 'C'

Space Planning Review

Program Type	Space Name	Gross Sqft
Medical Examiner + Morgue	Autopsy Suite (5 Stations)	1560
	Decomposing Autposy Suite (2 Stations)	1050
	Body Storage (180-200 bodies)	2340
	X-Ray Room	780
	Body Release Room	400
	M+M Women's Locker Rooms	960
	M+M Men's Locker Rooms	960
	Tissue Storage Room	1260
	PPE Room	192
	Autopsy Observation	240
	Body Receving (Funeral Home) & Vehicle Extraction	910
	Storage B	480
	M+M Employee Restroom (75 SF)	240
	Department Head	560
	Office Supervisor	176
	Asst. ME	576
	Morgue Tech Workstation Area	460.8
	QPLMP	256
	Conference Room B (11-20 Persons)	480
	Janitor's Closet	240
	Mass Casualty Storage Area	5036
	TOTAL	19156.8
Laboratory + Training Center	Toxicology Labs	4200
	Lab Storage	480
	Lab Locker Rooms	960
	Lab Employee Restroom (75 SF)	240
	Janitor's Closet	240
	Private Lab Offices	384
	Lab Tech Workstations	614.4
	Storage B	960
	Learning Center Multipurpose Room (>80)	2600
	TOTAL	10678.4

Investigator Program	Clerk Steno	204.8
	Open Work Area - 8x8 workstations	1228.8

EXHIBIT 'C'

	Private Investigator Office	192
	Evidence Room	480
	File Room	840
	Conference Room A (6-10 Persons)	480
	TOTAL	3425.6
Support Space	Main Mechanical Room	2720
	Mechanical Room	800
	Boiler Room	1440
	Electrical Room	1600
	Fire Pump Room	400
	Maintenance Room	480
	Janitor Closets	160
	MDF Closet	160
	IT Server Room/Voice/Data Room	160
	Enclosed Loading Dock / Dumpster Storage	1260
	Electrical Closests	192
	Break Area (Staff size 20 to 60)	400
	Storage A	240
	Storage B	480
	TOTAL	10492
General Public	Client Restroom	192
	Lobby / Reception Area	1280
	TOTAL	1472
	TOTAL BUILDING SQUARE FOOTAGE	45224.8

Parking	State Vehicles	1440
	Trailer Parking (State Owned)	8640
	Employee Vehicles	8640
	Visitor Parking	6912
	TOTAL	25632

EXHIBIT 'C'

Morgue + Medical Examiner Program

SPACE	SF from DPMC SPR	L+G Proposed SF per Unit	# Units	Total Raw SF	Circulation Factor
Autopsy Suite (5 Stations)	1200	1200	1	1200	1.3
Decomposing Autposy Suite (2	660	750	1	750	1.4
Body Storage (180-200 bodies)	1250	1800	1	1800	1.3
X-Ray Room	600	600	1	600	1.3
Body Release Room	250	250	1	250	1.6
M+M Women's Locker Rooms	150	300	2	600	1.6
M+M Men's Locker Rooms	150	300	2	600	1.6
Tissue Storage Room	900	900	1	900	1.4
PPE Room	120	120	1	120	1.6
Autopsy Observation	150	150	1	150	1.6
Body Receving (Funeral Home) & Vehicle Extraction	650	650	1	650	1.4
Storage B	300	300	1	300	1.6
M+M Employee Restroom (75 SF)	160	75	2	150	1.6
Department Head	350	350	1	350	1.6
Office Supervisor	110	110	1	110	1.6
Asst. ME	110	120	3	360	1.6
Morgue Tech Workstation Area	48	48	6	288	1.6
QPLMP	0	80	2	160	1.6
Conference Room B (11-20 Persons)	300	300	1	300	1.6
Janitor's Closet	0	50	3	150	1.6
Mass Casualty Storage Area	0	5,036	1	5036	0
TOTAL				14824	

EXHIBIT 'C'

Medical Examiner + Morgue Program Requirements

Total Gross SF	SPACE	Notes
1560	Autopsy Suite	Biosafety Level 2; five (5) autopsy stations within suite.
1050	Decomposing Autposy Suite	Biosafety Level 3; two (2) autopsy stations within suite.
2340	Body Storage	Increased to store 180-200 bodies
780	X-Ray Room	
400	Body Release Room	
960	M+M Women's Locker Rooms	(1) women's
960	M+M Men's Locker Rooms	(1) men's
1260	Tissue Storage Room	
192	PPE Room	
240	Autopsy Observation	4-5 occupants
910	Body Receiving & Vehicle Extraction	Vehicle extraction to utilize one bay with privacy & shelter.
480	Storage B	
240	M+M Employee Restroom (75 SF)	
560	Department Head	
176	Office Supervisor	
576	Asst. ME	
460.8	Morgue Tech Workstation Area	
256	QPLMP	
480	Conference Room B	11-20 Persons
240	Janitor's Closet	
5036	Mass Casualty Storage Area	
19156.8		

L+G

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EXHIBIT 'C'

Laboratory + Training Center Program

SPACE	SF from DPMC SPR	L+G Proposed SF per Unit	# Units	Total Raw SF	Circulation Factor	Total Gross SF
Toxicology Labs	500	1000	6	3000	1.4	4200
Lab Storage		300	1	300	1.6	480
Lab Locker Rooms	150	300	2	600	1.6	960
Lab Employee Restroom (75 SF)	160	75	2	150	1.6	240
Janitor's Closet	0	50	3	150	1.6	240
Private Lab Offices	0	120	2	240	1.6	384
Lab Tech Workstations	0	64	6	384	1.6	614.4
Storage B	300	300	2	600	1.6	960
Learning Center Multipurpose Room (>80)	1200	2000	1	2000	1.3	2600
TOTAL				7424		10678.4

EXHIBIT 'C'

Laboratory + Training Center Program

SPACE	Notes
Toxicology Labs	Biosafety Level 2
Lab Storage	
Lab Locker Rooms	(1) women's & (1) men's
Lab Employee Restroom (75 SF)	
Janitor's Closet	
Private Lab Offices	
Lab Tech Workstations	
Storage B	
Learning Center Multipurpose Room (>80)	DOH requested that this space have the ability to flex into 2 separate spaces.

EXHIBIT 'C'

Investigator Progam

SPACE	SF from DPMC SPR	L+G Proposed SF per Unit	# Units	Total Raw SF	Circulation Factor	Total Gross SF
Clerk Steno	64	64	2	128	1.6	204.8
Open Work Area - 8x8 workstations	64	64	12	768	1.6	1228.8
Private Investigator Office	0	120	1	120	1.6	192
Evidence Room	300	300	1	300	1.6	480
File Room	600	600	1	600	1.4	840
Conference Room A (6-10 Persons)	0	150	2	300	1.6	480
TOTAL				2216		3425.6

EXHIBIT 'C'

Support Spaces Program

SPACE	SF from DPMC SPR	L+G Proposed SF per Unit	# Units	Total Raw SF	Circulation Factor	Total Gross SF
Main Mechanical Room	0	1,700	1	1700	1.6	2720
Mechanical Room	0	500	1	500	1.6	800
Boiler Room	0	900	1	900	1.6	1440
Electrical Room	0	1000	1	1000	1.6	1600
Fire Pump Room	0	250	1	250	1.6	400
Maintenance Room	0	300	1	300	1.6	480
Janitor Closets	0	50	2	100	1.6	160
MDF Closet	0	100	1	100	1.6	160
IT Server Room/Voice/Data Room	100	100	1	100	1.6	160
Enclosed Loading Dock / Dumpster Storage	900	900	1	900	1.4	1260
Electrical Closests	0	60	2	120	1.6	192
Break Area (Staff size 20 to 60)	250	250	1	250	1.6	400
Storage A	150	150	1	150	1.6	240
Storage B	300	300	1	300	1.6	480
TOTAL				6670		10492

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EXHIBIT 'C'

Support Spaces Program

SPACE	Notes
Main Mechanical Room	The square footage will be distributed throughout.
Mechanical Room	
Boiler Room	
Electrical Room	
Fire Pump Room	
Maintenance Room	
Janitor Closets	
MDF Closet	Needs to be within +/- 300 ft. from the most remote device.
IT Server Room	
Enclosed Loading Dock / Dumpster Storage	
Voice/ Data Room	
Break Area (Staff size 20 to 60)	
Storage A	
Storage B	

EXHIBIT 'C'

General Public Progam

SPACE	SF from DPMC SPR	L+G Proposed SF per Unit	# Units	Total Raw SF	Circulation Factor	Total Gross SF
Client Restroom	60	60	2	120	1.6	192
Lobby / Reception Area	800	800	1	800	1.6	1280

Parking Program

SPACE	# Units from DPMC SPR	L+G Proposed SF per Unit	# Units	Total Raw SF	Circulation Factor	Total Gross SF
State Vehicles	65	180	5	900	1.6	1440
Trailer Parking (State Owned)	20	540	10	5400	1.6	8640
Employee Vehicles	24	180	30	5400	1.6	8640
Visitor Parking	24	180	24	4320	1.6	6912
TOTAL		1080		16020		25632

EXHIBIT 'C'

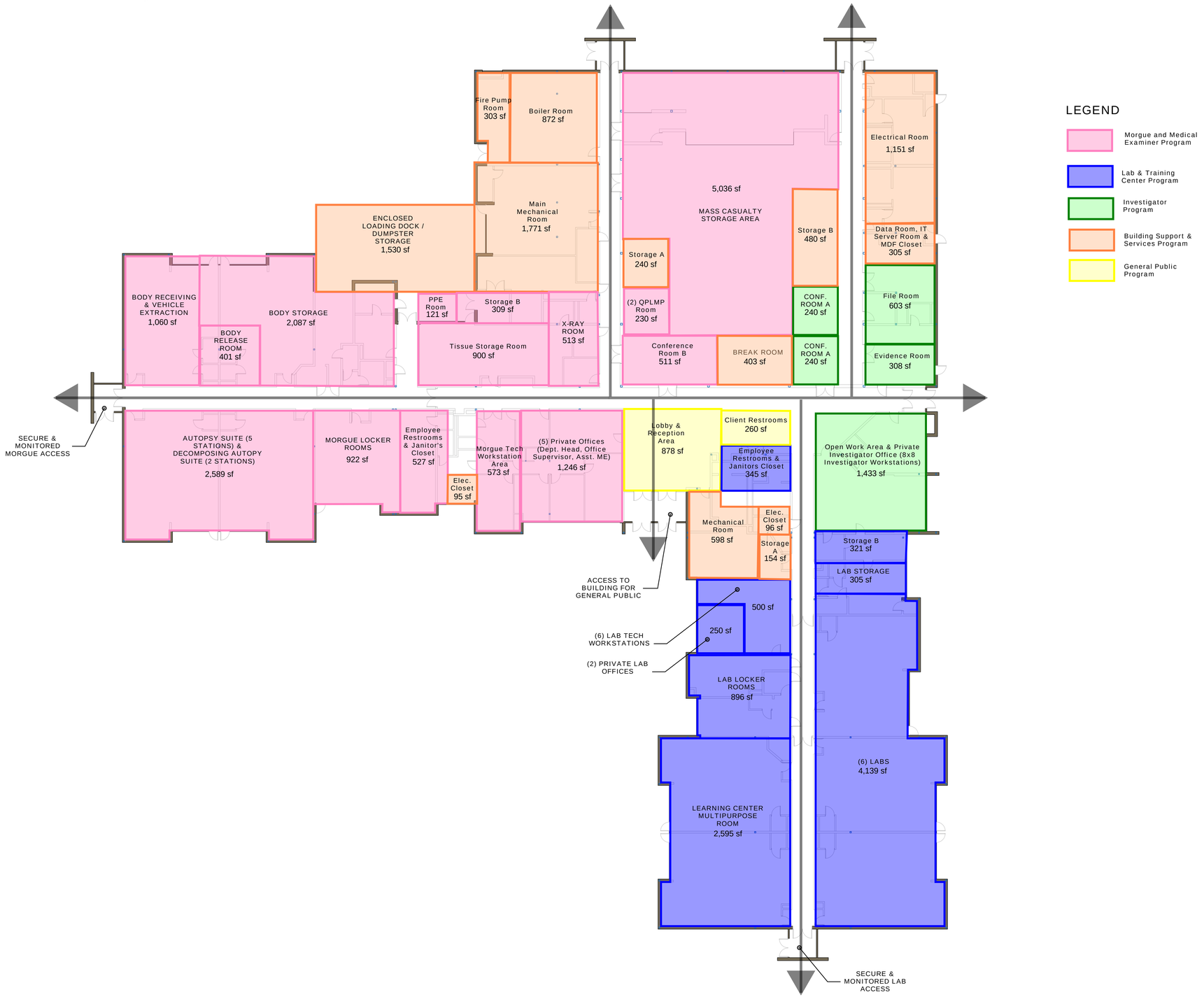
EXHIBIT F – CONCEPTUAL SPACE PLANNING DIAGRAM

EXHIBIT 'C'

Southern Regional Medical Examiner's Office - Study

Conceptual Space Planning Diagram

1/16" = 1'-0"



Conceptual Space Planning Diagram

1/16" = 1'-0"

03/20/2024

Lammey + Giorgio Architecture + Design 215 Highland Ave Suite B Haddon Township, NJ 08108 856.833.0010 www.lgarch.com

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EXHIBIT 'C'

EXHIBIT G – DHS HAZARDOUS MATERIAL REPORT & COST ESTIMATE

EXHIBIT 'C'

ENVIRONMENTAL CONNECTION INC
A Vertical Technologies Corporation

February 27, 2024

Mr. Christian Casteel
State of New Jersey
Department of Human Services
PO Box 700
222 South Warren Street
Trenton, New Jersey 08625-0700

Re: Asbestos Abatement Cost Estimate
Future South Regional Medical Examiner's Office
The Learning Center
Vineland Developmental Center West Campus
West Almond Road
Vineland, New Jersey

Dear Mr. Casteel,

As requested, Environmental Connection, Inc., (EC) has prepared the following construction cost estimates for the abatement of confirmed asbestos containing materials and assumed asbestos containing materials within the referenced building. Exterior asbestos containing materials were not assessed and therefore are not included in the cost estimates below.

Table 1 – Abatement and Disposal of Confirmed Asbestos Containing Materials
Future South Regional Medical Examiner's Office
Vineland, NJ

Location	Material	Quantity	Cost Estimate
Project	Mobilization and Disposal	1	$5,000.00
Throughout Interior	Vinyl Sheet Flooring (Linoleum)	25,000 SF	$200,000.00
Throughout Interior	Vinyl Floor Tile and Mastic	1,500 SF	$12,000.00
Mechanical Room 129	HVAC Sealant	20 LF	$2,500.00
Confirmed Asbestos Containing Material Abatement Cost Estimate			**$219,500.00**

LF – Linear Feet SF – Square Feet

EXHIBIT 'C'

Table 1 – Abatement and Disposal of Assumed Asbestos Containing Materials Future South Regional Medical Examiner's Office Vineland, NJ			
Location	**Material**	**Quantity**	**Cost Estimate**
Project	Mobilization and Disposal	1	$5,000.00
Throughout Interior	Panels Above Doors/Below Windows	1,500 SF	$30,000.00
Gymnasium	2' x 2' Ceiling Tile with Holes	7,040 SF	$75,000.00
Gymnasium/Stage	Vapor Barrier Below Wood Floor	8,000 SF	$60,000.00
Mechanical Rooms	Vinyl Duct Vibration Collar	50 SF	$5,000.00
Assumed Asbestos Containing Material Abatement Cost Estimate			**$175,000.00**

LF – Linear Feet SF – Square Feet

Be advised, costs are subject to seasonal fluctuations related to increased remediation activity and increased demand between May and September. Actual abatement costs may be higher than estimated, dependent on the demand driven project timeframe. As always, weekend and holiday schedules will increase costs and are not reflected in the construction cost estimate. Estimates are based on contractor(s) paying prevailing wage rates for worker/foreman classifications. Should you have any questions or require additional information, please contact the undersigned at your convenience.

Respectfully,
ENVIRONMENTAL CONNECTION, INC.

Roland C. Jones, CIH
Vice President

EXHIBIT 'C'

ENVIRONMENTAL CONNECTION INC
A Vertical Technologies Corporation

REPORT

ENVIRONMENTAL BUILDING ASSESSMENT

FUTURE SOUTH REGIONAL MEDICAL EXAMINER'S OFFICE
THE LEARNING CENTER
VINELAND DEVELOPMENTAL CENTER WEST CAMPUS
WEST ALMOND ROAD
VINELAND, NEW JERSEY

Prepared For:

NEW JERSEY DEPARTMENT OF HEALTH
C/O
NEW JERSEY DEPARTMENT OF HUMAN SERVICES
222 SOUTH WARREN STREET
TRENTON, NEW JERSEY 08608

PREPARED BY:

ENVIRONMENTAL CONNECTION, INC.
120 NORTH WARREN STREET
TRENTON, NEW JERSEY 08608

FEBRUARY 19, 2024

EC PROJECT #: 23581-01

EXHIBIT 'C'

TABLE OF CONTENTS

EXHIBIT 'C'

Section 1.0 Executive Summary

Environmental Connection, Inc., (EC) was contracted by New Jersey Department of Human Services to conduct an Environmental Building Assessment of the future South Regional Medical Examiner's Office located on the campus of the Vineland Developmental Center West Campus in Vineland, New Jersey. The purpose of the assessment was to identify hazardous building materials likely to be impacted by renovation/alterations. The assessment included an inspection for suspect Asbestos Containing Materials (ACM), screening for Lead Based Paint (LBP), and bulk sampling of suspect Polychlorinated Biphenyl (PCB) containing caulks. The assessment was performed by a team of EC's United States Environmental Protection Agency (USEPA) accredited Asbestos Building Inspectors and State of New Jersey Department of Health certified Lead Inspector/Risk Assessor on January 30th – February 1st, 2024.

EC identified, quantified, and catalogued each suspect asbestos containing material. An adequate number of samples, as defined by the USEPA Asbestos Hazard Emergency Response Act (AHERA), were collected of each identified suspect asbestos containing material likely to be impacted by renovation activities. The samples were submitted to an accredited laboratory for analysis via Polarized Light Microscopy (PLM) and where required, Transmission Electron Microscopy (TEM) to determine the presence of asbestos content. Seven (7) of the materials sampled were found to contain greater than 1% asbestos content by weight, the threshold established by the USEPA for classification as an asbestos containing material. Six (6) materials were not accessible for sampling and therefore assumed to be asbestos containing.

The lead based paint screening was performed utilizing a handheld X-Ray Fluorescence (XRF) Lead in Paint Analyzer. One (1) coating containing 1.0 milligrams per square centimeter (mg/cm^2), the USEPA threshold for Lead Based Paint, was detected.

EC also identified and collected samples of four (4) suspect Polychlorinated biphenyl (PCB) containing materials. Laboratory analysis revealed that the sampled materials were "none detected" for PCBs and therefore did not contain PCBs in concentrations greater than 50 parts per million, the threshold for classification as a PCB containing material established by the USEPA.

The following sections document the methodology and findings of the assessment.

Section 2.0 Asbestos Containing Material Inspection

Asbestos is a naturally occurring mineral categorized into two (2) groups, Serpentine and Amphibole, based on morphology. The Serpentine group is comprised of Chrysotile asbestos, the Amphibole group consists of Amosite, Crocidolite, Tremolite, Anthophyllite, and other forms of asbestos. Asbestos was utilized in more than 3,600 products for its fire resistance, tensile strength, inertness, chemical binding properties, and durability. Due to enhanced durability, asbestos containing products remain present in the built environment decades after installation. Public awareness of the hazards associated with airborne asbestos fibers increased through the 1970s and culminated in the adoption of the Asbestos Hazard Emergency Response Act (AHERA), signed into law (40 CFR, Part 763) in 1986. Briefly, AHERA established Federal regulations pertaining to inspections to identify asbestos containing materials, appropriate response actions, and Asbestos Management Plan requirements.

The asbestos containing material inspection was performed in accordance with AHERA. Samples of each identified suspect asbestos containing material were collected in sufficient quantities as mandated by 40 CFR, Part 763.86. All samples were submitted to EMSL Analytical, Inc., located in Cinnaminson, New Jersey for analysis utilizing Polarized Light Microscopy (PLM) via EPA Method 600/R-93/116. EMSL Analytical, Inc., is accredited by the American Industrial Hygiene Association (AIHA) and participates in the National Voluntary Laboratory Accreditation Program (NVLAP).

Emergency Regulatory Adoptions to New Jersey Administrative Codes (N.J.A.C.) 8:60 and 12:120, Volume 38, Issue 11, dated June 5, 2006, mandate that non-friable organically bound (NOB) suspect asbestos containing materials be analyzed via Transmission Electron Microscopy (TEM) analysis when PLM analysis yields results of less than 1% asbestos by weight or "None Detected" for asbestos fibers. TEM uses electron imaging to identify asbestos fibers at a higher magnification.

Results for PLM and TEM analysis methods are reported in percentage by weight. According to the USEPA, materials containing greater than 1% asbestos content by weight are classified as asbestos containing materials. The following table summarizes the analytical results.

Table 1 – ACM Sampling Analytical Results Summary
Future South Regional Medical Examiner's Office
Vineland Developmental Center West Campus
Vineland, New Jersey

ID #	Material	PLM Results	TEM Results
01	Brown Rough Coat Plaster	None Detected	N/A
01A	Smooth Skim Coat Plaster	None Detected	N/A
03	Drywall	None Detected	N/A
03A	Joint Compound to Drywall	None Detected	N/A
05	**Tan Linoleum Sheet Flooring**	**15% Chrysotile**	**N/A**
06	**Orange Linoleum Sheet Flooring**	**20% Chrysotile**	**N/A**
07	4" Brown Vinyl Cove Base	None Detected	None Detected
07A	Glue to 4" Brown Vinyl Cove Base	None Detected	None Detected
08	Yellow Carpet Glue	None Detected	None Detected
09	2' x 4' White Textured Ceiling Tile with Pinholes	None Detected	N/A
10	**Interior Panels Above Doors/Below Windows**	**Assumed**	
11	Grout associated with Bathroom Ceramic Tile	None Detected	N/A
12	Wet Bed associated with Bathroom Ceramic Tile	None Detected	N/A
13	Adhesive (Thinset) associated with Ceramic Wall Tile	<0.25% Chrysotile	N/A
14	12" x 12" Orange Vinyl Floor Tile	None Detected	None Detected
14A	Glue associated with 12" x 12" Orange Vinyl Floor Tile*	None Detected	0.19% Chrysotile
15	Glue Dots associated with Chalkboards/Tackboards	None Detected	None Detected
16	Grey Sink Undercoating	None Detected	None Detected
17	**12" x 12" Grey Floor Tile with White and Brown Specks**	**2% Chrysotile**	**N/A**
17A	**Mastic associated with 12" x 12" Grey Floor Tile with White and Brown Specks**	**3% Chrysotile**	**N/A**
18	Plumber's Paste associated with Fiberglass Insulation*	None Detected	0.50% Chrysotile

EXHIBIT 'C'

Table 1 – ACM Sampling Analytical Results Summary Future South Regional Medical Examiner's Office Vineland Developmental Center West Campus Vineland, New Jersey			
ID #	**Material**	**PLM Results**	**TEM Results**
19	2' x 4' Dot and Fissure Ceiling Tile	None Detected	N/A
20	2' x 4' Dot and Dash Ceiling Tile	None Detected	N/A
21	**12" x 12" Tan Vinyl Floor Tile with Green Specks**	**2% Chrysotile**	**N/A**
21A	**Mastic associated with 12" x 12" Tan Vinyl Floor Tile with Green Specks**	**8% Chrysotile**	**N/A**
22	12" x 12" Tan Speckled Vinyl Floor Tile	None Detected	None Detected
22A	Glue associated with 12" x 12" Tan Speckled Vinyl Floor Tile	None Detected	None Detected
23	12" x 12" Grey Speckled Vinyl Floor Tile	None Detected	None Detected
23A	Glue associated with 12" x 12" Grey Speckled Vinyl Floor Tile	None Detected	None Detected
24	Single Coat Plaster on Beams	None Detected	N/A
25	**Vinyl Duct Vibration Collar**	**Assumed**	
26	**2' x 2' Ceiling Tile with Holes (Gymnasium)**	**Assumed**	
27	**Vapor Barrier under Hardwood Flooring (Gymnasium)**	**Assumed**	
28	Stage Curtains	None Detected	N/A
29	12" x 12" Brown Vinyl Floor Tile with White and Brown Specks	None Detected	None Detected
29A	Glue associated with 12" x 12" Brown Vinyl Floor Tile with White and Brown Specks*	None Detected	<0.22% Chrysotile
30	12" x 12" Cream Vinyl Floor Tile with Brown and Grey Specks	None Detected	None Detected
30A	Glue associated with 12" x 12" Cream Vinyl Floor Tile with Brown and Grey Specks	None Detected	None Detected
31	**Black HVAC Duct Sealant**	**3% Chrysotile**	**N/A**
32	12" x 12" Grey Vinyl Floor Tile with Tan and White Streaks	None Detected	None Detected
32A	Glue associated with 12" x 12" Grey Vinyl Floor Tile with Tan and White Streaks*	None Detected	0.18% Chrysotile
33	Exterior Window Caulk at Masonry Openings	None Detected	None Detected
34	Exterior Window Frame Caulk	None Detected	None Detected
35	Exterior Expansion Joint Caulk	None Detected	None Detected
36	**Exterior Insulated Metal Window Panels**	**Assumed**	
37	**Roofing (All Types and Layers)**	**Assumed**	

* - Trace Asbestos Containing Material | N/A – Not Applicable

Seven (7) of the materials sampled were found to contain greater than 1% asbestos content by weight and six (6) materials were assumed to be asbestos containing. EC's inspectors quantified each suspect material as part of the inspection. The location and approximate total quantity of identified asbestos containing materials are included Appendix IV of this report.

EXHIBIT 'C'

Section 3.0 Lead Based Paint Screening

Lead based paint (LBP) was used extensively before 1960 because it was more durable than other paint products available at the time. Due to the potential hazards of lead in paint, especially to children, lead-based paint was banned in 1977.

The United States Department of Housing and Urban Development (HUD), USEPA, and the State of New Jersey define lead-based paint as a coating which contains greater than 0.5% lead by weight or greater than 1.0 milligram of lead per square centimeter (mg/cm^2). The disturbance or dislocation of lead-based paint or lead containing paint from building materials may cause lead dust to be released into the building's atmosphere, thereby creating a potential health hazard to workers and/or building occupants. To mitigate health hazards, demolition and other construction related work that impacts lead-based paint is regulated by the United States Department of Labor, Occupational Safety and Health Administration, (OSHA) under regulation, 29 CFR, Part 1926.62, "Lead in Construction Standard", which defines construction work as work for alteration and/or repair, including demolition or salvage of structures, removal or encapsulation of materials containing lead. Unlike HUD, the OSHA, has not established a threshold for lead containing material, meaning any surface coating with a detectable lead concentration is defined as a "lead containing" material by OSHA.

EC utilized a portable X-Ray Fluorescence (XRF) device manufactured by Viken Detection of Burlington, Massachusetts (Serial #2320), to detect the presence of lead within the paint films and other finished surfaces (stains, varnishes, and shellacs). The device bombards the testing surface with X-ray energy, generated by a radioactive source. The energy excites electrons in the testing surface causing them to emit X-Ray energy. The X-Ray energy emitted by the electrons is analyzed by the XRF device. Based on analysis of the X-ray energy emitted by the electrons, the device is able to determine the presence and concentration of an element, in this case Lead, in the testing surface. Results are reported in milligrams per square centimeter. New Jersey Administrative Code (N.J.A.C.) 5:17, defines any film which contains greater than or equal to 1.0 milligram of lead per square centimeter (mg/cm^2) as lead-based paint.

EC performed the screening to characterize surfaces and components to determine if any observed paints contain lead. EC grouped similar building components with the like paint histories for testing purposes. The screening detected Lead Based Paint at one (1) building material:

- Vinyl Chair Rail in Hallways

The XRF field data sheets documenting all measurements collected is included in Appendix II. Note: OSHA's "Lead Safe Work Practices in Construction" standard applies to all renovation activities that may impact materials classified as "lead based" or "lead containing".

Section 4.0 Polychlorinated Biphenyl Inspection

PCBs were widely utilized between 1929 and 1977 in the United States as coolants and lubricants in electrical equipment (i.e., capacitors, transformers, light ballasts), plasticizers, surface coatings, inks, adhesives, flame retardants, pesticides, paints and carbonless duplicating paper, for their insulating properties, chemical stability and relative non-flammability. PCB products were banned in the United States in 1977. However, many PCB containing products remain in service to this day. The United States Environmental Protection Agency (USEPA) has classified PCBs as a possible human carcinogen. The

United States Environmental Protection Agency (USEPA) regulates disposal of caulking that contains greater than 50 parts per million (ppm) or 50 milligrams per kilogram (mg/kg) under the Toxic Substances Control Act (TSCA) and PCB regulation, 40 CFR, Part 761.

EC inspected the structure for the presence of caulk and glazing suspected of containing Polychlorinated Biphenyls (PCBs). EC collected samples of suspect PCB containing caulks utilizing a razor knife. A minimum of one (1) gram of material was collected and placed directly into a sampling jar. The sample was then labeled and submitted to the laboratory for analysis. Samples were analyzed by EMSL Analytical, Inc., of Cinnaminson, New Jersey, in accordance with USEPA SW-846 Method 8082. Detailed PCB sampling laboratory analytical reports and associated Chains of Custody documentation are included in Appendix III.

None of the samples contained PCBs in concentrations greater than the 50 parts per million threshold established by the USEPA. The reporting limit indicates the lowest detectable concentration for the analysis method utilized. The reporting limit is determined by the original mass of the sample and is therefore a dependent variable of the samples mass. Aroclor was the proprietary/commercial name given to PCB containing mixtures. The mixtures were further defined by their unique composition. The four (4) digit number following Aroclor refers to the composition of the mixture. The first two digits denote the number of carbon atoms present in the two phenyl rings. The second two digits indicate the mass percentage of Chlorine atoms in the mixture.

Table 4 – Polychlorinated Biphenyl Analytical Results
Future South Regional Medical Examiner's Office
Vineland Developmental Center West Campus
Vineland, New Jersey

Material	Analyte	Reporting Limit	Results
Expansion Joint Caulk	Aroclor 1016	0.24 mg/kg	None Detected
	Aroclor 1221	0.24 mg/kg	None Detected
	Aroclor 1232	0.24 mg/kg	None Detected
	Aroclor 1242	0.24 mg/kg	None Detected
	Aroclor 1248	0.24 mg/kg	None Detected
	Aroclor 1254	0.24 mg/kg	None Detected
	Aroclor 1260	0.24 mg/kg	None Detected
	Aroclor 1262	0.24 mg/kg	None Detected
	Aroclor 1268	0.24 mg/kg	None Detected
HVAC Sealant	Aroclor 1016	0.25 mg/kg	None Detected
	Aroclor 1221	0.25 mg/kg	None Detected
	Aroclor 1232	0.25 mg/kg	None Detected
	Aroclor 1242	0.25 mg/kg	None Detected
	Aroclor 1248	0.25 mg/kg	None Detected
	Aroclor 1254	0.25 mg/kg	None Detected
	Aroclor 1260	0.25 mg/kg	None Detected
	Aroclor 1262	0.25 mg/kg	None Detected
	Aroclor 1268	0.25 mg/kg	None Detected

EXHIBIT 'C'

Table 4 – Polychlorinated Biphenyl Analytical Results Future South Regional Medical Examiner's Office Vineland Developmental Center West Campus Vineland, New Jersey			
Material	**Analyte**	**Reporting Limit**	**Results**
Window Caulk at Masonry Opening	Aroclor 1016	0.25 mg/kg	None Detected
	Aroclor 1221	0.25 mg/kg	None Detected
	Aroclor 1232	0.25 mg/kg	None Detected
	Aroclor 1242	0.25 mg/kg	None Detected
	Aroclor 1248	0.25 mg/kg	None Detected
	Aroclor 1254	0.25 mg/kg	None Detected
	Aroclor 1260	0.25 mg/kg	None Detected
	Aroclor 1262	0.25 mg/kg	None Detected
	Aroclor 1268	0.25 mg/kg	None Detected
Window Caulk	Aroclor 1016	0.25 mg/kg	None Detected
	Aroclor 1221	0.25 mg/kg	None Detected
	Aroclor 1232	0.25 mg/kg	None Detected
	Aroclor 1242	0.25 mg/kg	None Detected
	Aroclor 1248	0.25 mg/kg	None Detected
	Aroclor 1254	0.25 mg/kg	None Detected
	Aroclor 1260	0.25 mg/kg	None Detected
	Aroclor 1262	0.25 mg/kg	None Detected
	Aroclor 1268	0.25 mg/kg	None Detected

Section 5.0 Project Limitations/Disclaimers

The Client should be advised that quantities referenced herein are estimates/approximations. EC made every effort, inclusive of selective demolition, to access and sample all suspect hazardous materials that may be impacted by planned renovation activities. Where present, these materials were sampled in accordance with applicable Federal and State Regulations. EC does not claim that hidden materials may not still be present and inaccessible on, within, or beneath the various building components. EC does, however, assure that due diligence was observed in performing sampling as generally recognized by industry practices. Roofing materials were not included in the assessment.

Should a previously unidentified suspect hazardous material be uncovered during renovation, activities should cease until the composition of the material is determined through sampling and analysis in accordance with 40 CFR, Part 763, and N.J.A.C. 8:60 and 12:120 for asbestos, inclusive of utilizing USEPA accredited Asbestos Building Inspectors to collect the appropriate number of samples and an AIHA accredited laboratory that is a NVLAP participant.

Section 6.0 Conclusions

The Environmental Building Assessment performed at the Future South Regional Medical Examiner's Office located on the Vineland Developmental Center West Campus in Vineland, New Jersey, identified the presence of seven (7) confirmed asbestos containing materials and six (6) assumed asbestos containing materials. No Lead Based Paint coated components or PCB containing caulks were detected.

EXHIBIT 'C'

Section 7.0 Recommendations

Based on the results of the inspection, EC offers the following recommendations.

- Employ a USEPA accredited Asbestos Project Designer to develop Plans and Specifications for the asbestos abatement prior to renovation activities.

- Where required to facilitate renovations, utilize a New Jersey Department of Labor licensed Asbestos Contractor to abate the asbestos containing materials in accordance with federal and New Jersey requirements for asbestos abatement in public buildings.

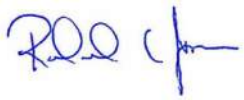
- Perform air monitoring in accordance with federal and New Jersey requirements for asbestos abatement.

- Removal or disturbance of materials containing trace amounts of asbestos should be performed in accordance with the November 2003 clarification issued by OSHA regarding removal of materials containing less than one (1) percent asbestos by weight. Briefly, the clarification prohibits certain methods of removal, requires wet methods during removal and requires prompt clean-up and disposal of removed material(s).

- Utilize Lead Safe Work Practices as defined by OSHA during the disturbance of identified lead paint covered components. Representative samples of the lead containing materials should be analyzed via Toxic Characteristic Leachate Procedure (TCLP), to determine the appropriate waste disposal requirements.

Should you have any questions or require additional information, please contact the undersigned at your convenience.

Respectfully Submitted:
ENVIRONMENTAL CONNECTION, INC.



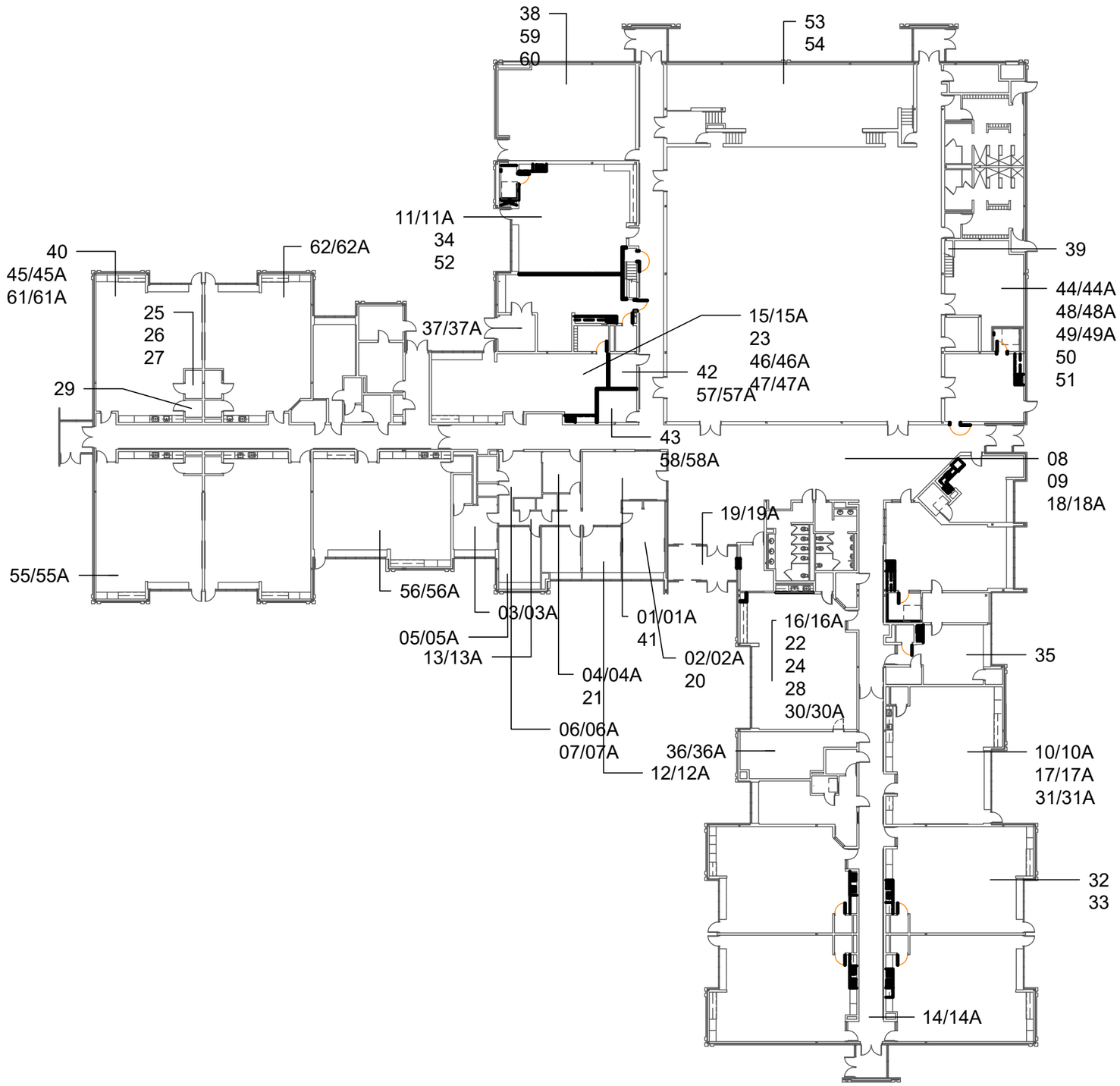
Roland C. Jones, CIH
Vice President

EXHIBIT 'C'

APPENDIX I

ASBESTOS CONTAINING MATERIALS CHAINS OF CUSTODY, CERTIFICATES OF ANALYSIS AND SAMPLE LOCATION PLAN

EXHIBIT 'C'



ENVIRONMENTAL CONNECTION INC
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No.	Date	Issue or Revision
01	02/14/24	Report

ENVIRONMENTAL BUILDING ASSESSMENT
VINELAND DEVELOPMENTAL CENTER WEST CAMPUS
WEST ALMOND ROAD, VINELAND, NEW JERSEY

Date: 02/14/2024
Scale: NTS
Drawn By: JBM
Project No: 23581-01

Drawing Title
SAMPLE LOCATION PLAN

Drawing No.
SP-01

EXHIBIT 'C'

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http://www.EMSL.com / cinnasblab@EMSL.com

EMSL Order ID:	042402059
Customer ID:	ENVI65
Customer PO:	
Project ID:	New Jersey Dept. of Human Services

Attn: Info
Environmental Connection, Inc.
120 North Warren Street
Trenton, NJ 08608

Phone: (609) 392-4200
Fax:
Collected: 1/30/2024
Received: 1/31/2024
Analyzed: 2/14/2024

Proj: 23581-01 / NJDHS / ASB Assessment / SRMEO (New Jersey Dept. of Human Services)

Summary Test Report for Asbestos Analysis of Bulk Materials in Accordance with N.J.A.C. 8:60 and 12:120

Client Sample ID: 01-MM013024 ***Lab Sample ID:*** **042402059-0001**
Sample Description: Main Office - 1052/Plaster - Rough

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	Tan	0.0%	100.0%	None Detected	

Client Sample ID: 01A-MM013024 ***Lab Sample ID:*** **042402059-0002**
Sample Description: Main Office - 1052/Plaster - Skim

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	White	0.0%	100.0%	None Detected	

Client Sample ID: 02-MM013024 ***Lab Sample ID:*** **042402059-0003**
Sample Description: Rm 105 - 1053/Plaster - Rough

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	Tan	0.0%	100.0%	None Detected	

Client Sample ID: 02A-MM013024 ***Lab Sample ID:*** **042402059-0004**
Sample Description: Rm 105 - 1053/Plaster - Skim

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	White	0.0%	100.0%	None Detected	

Client Sample ID: 03-MM013024 ***Lab Sample ID:*** **042402059-0005**
Sample Description: Rm 109 - 1057/Plaster - Rough

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	Tan	0.0%	100.0%	None Detected	

Client Sample ID: 03A-MM013024 ***Lab Sample ID:*** **042402059-0006**
Sample Description: Rm 109 - 1057/Plaster - Skim

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	White	0.0%	100.0%	None Detected	

Client Sample ID: 04-MM013024 ***Lab Sample ID:*** **042402059-0007**
Sample Description: Rm 111 - 1060/Plaster - Rough

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	Tan	0.0%	100.0%	None Detected	

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Customer PO:	
Project ID:	New Jersey Dept. of Human Services

Summary Test Report for Asbestos Analysis of Bulk Materials in Accordance with N.J.A.C. 8:60 and 12:120

Client Sample ID: 04A-MM013024 ***Lab Sample ID:*** **042402059-0008**
Sample Description: Rm 111 - 1060/Plaster - Skim

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	White	0.0%	100.0%	None Detected	

Client Sample ID: 05-MM013024 ***Lab Sample ID:*** **042402059-0009**
Sample Description: Rm 108 - 1056/Plaster - Rough

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	Tan	0.0%	100.0%	None Detected	

Client Sample ID: 05A-MM013024 ***Lab Sample ID:*** **042402059-0010**
Sample Description: Rm 108 - 1056/Plaster - Skim

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	White	0.0%	100.0%	None Detected	

Client Sample ID: 06-MM013024 ***Lab Sample ID:*** **042402059-0011**
Sample Description: Rm 112 - 1058/Plaster - Rough

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Tan	0.0%	100.0%	None Detected	

Client Sample ID: 06A-MM013024 ***Lab Sample ID:*** **042402059-0012**
Sample Description: Rm 112 - 1058/Plaster - Skim

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	White	0.0%	100.0%	None Detected	

Client Sample ID: 07-MM013024 ***Lab Sample ID:*** **042402059-0013**
Sample Description: Rm 112 - 1058/Plaster - Rough

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Tan	0.0%	100.0%	None Detected	

Client Sample ID: 07A-MM013024 ***Lab Sample ID:*** **042402059-0014**
Sample Description: Rm 112 - 1058/Plaster - Skim

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	White	0.0%	100.0%	None Detected	

Client Sample ID: 08-MM013024 ***Lab Sample ID:*** **042402059-0015**
Sample Description: Hallway - 1002/1' Fissured Ceiling Tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	White	80.0%	20.0%	None Detected	

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Customer ID:	ENVI65
Customer PO:	
Project ID:	New Jersey Dept. of Human Services

Summary Test Report for Asbestos Analysis of Bulk Materials in Accordance with N.J.A.C. 8:60 and 12:120

Client Sample ID: 09-MM013024 ***Lab Sample ID:*** **042402059-0016**
Sample Description: Hallway - 1002/1' Fissured Ceiling Tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	White	80.0%	20.0%	None Detected	

Client Sample ID: 10-MM013024 ***Lab Sample ID:*** **042402059-0017**
Sample Description: Room 147 - 1017/Drywall

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	Brown/White	30.0%	70.0%	None Detected	

Client Sample ID: 10A-MM013024 ***Lab Sample ID:*** **042402059-0018**
Sample Description: Room 147 - 1017/Joint Compound

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	White	0.0%	100.0%	None Detected	

Client Sample ID: 11-MM013024 ***Lab Sample ID:*** **042402059-0019**
Sample Description: Room 128 -1033/Drywall

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Brown/White	25.0%	75.0%	None Detected	

Client Sample ID: 11A-MM013024 ***Lab Sample ID:*** **042402059-0020**
Sample Description: Room 128 -1033/Joint Compound

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	White	0.0%	100.0%	None Detected	

Client Sample ID: 12-MM013024 ***Lab Sample ID:*** **042402059-0021**
Sample Description: Room 106 - 1054/4" Black Cove Base

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	Black	0.0%	100.0%	None Detected	
TEM Grav. Reduction	2/05/2024	Black	0.0%	100.0%	None Detected	

Client Sample ID: 12A-MM013024 ***Lab Sample ID:*** **042402059-0022**
Sample Description: Room 106 - 1054/Glue

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	White	0.0%	100.0%	None Detected	
TEM Grav. Reduction	2/05/2024	White	0.0%	100.0%	None Detected	

Client Sample ID: 13-MM013024 ***Lab Sample ID:*** **042402059-0023**
Sample Description: Hallway -1059/4" Black Cove Base

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Black	0.0%	100.0%	None Detected	

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Project ID:	New Jersey Dept. of Human Services

Summary Test Report for Asbestos Analysis of Bulk Materials in Accordance with N.J.A.C. 8:60 and 12:120

Client Sample ID: 13A-MM013024 ***Lab Sample ID:*** **042402059-0024**
Sample Description: Hallway -1059/Glue

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Tan/Clear	0.0%	100.0%	None Detected	

Client Sample ID: 14-MM013024 ***Lab Sample ID:*** **042402059-0025**
Sample Description: Hall at Rm 149 - 1021/Tan Linoleum

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	Tan/Clear	0.0%	85.0%	**15% Chrysotile**	

Client Sample ID: 14A-MM013024 ***Lab Sample ID:*** **042402059-0026**
Sample Description: Hall at Rm 149 - 1021/Backing

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024				Layer Not Present	

Client Sample ID: 14A-MM013024-Mastic ***Lab Sample ID:*** **042402059-0026A**
Sample Description: Hall at Rm 149 - 1021/Backing

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	Yellow	0.0%	100.0%	None Detected	

Client Sample ID: 14A-MM013024-Mastic 2 ***Lab Sample ID:*** **042402059-0026B**
Sample Description: Hall at Rm 149 - 1021/Backing

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	Tan	0.0%	100.0%	None Detected	

Client Sample ID: 15-MM013024 ***Lab Sample ID:*** **042402059-0027**
Sample Description: Rm 128A - 1035/Tan Linoleum

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024				Positive Stop (Not Analyzed)	

Client Sample ID: 15A-MM013024 ***Lab Sample ID:*** **042402059-0028**
Sample Description: Rm 128A - 1035/Backing

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024				Layer Not Present	

Client Sample ID: 16-MM013024 ***Lab Sample ID:*** **042402059-0029**
Sample Description: Room 152 - 1005/Orange Linoleum

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	Orange	0.0%	80.0%	**20% Chrysotile**	

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Project ID:	New Jersey Dept. of Human Services

Summary Test Report for Asbestos Analysis of Bulk Materials in Accordance with N.J.A.C. 8:60 and 12:120

Client Sample ID: 16A-MM013024 ***Lab Sample ID:*** **042402059-0030**
Sample Description: Room 152 - 1005/Backing

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024				Layer Not Present	

Client Sample ID: 17-MM013024 ***Lab Sample ID:*** **042402059-0031**
Sample Description: Room 147 - 1017/Orange Linoleum

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024				Positive Stop (Not Analyzed)	

Client Sample ID: 17A-MM013024 ***Lab Sample ID:*** **042402059-0032**
Sample Description: Room 147 - 1017/Backing

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024				Layer Not Present	

Client Sample ID: 18-MM013024 ***Lab Sample ID:*** **042402059-0033**
Sample Description: Hallway - 1002/4" Brown Cove Base

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	Brown	0.0%	100.0%	None Detected	
TEM Grav. Reduction	2/05/2024	Brown	0.0%	100.0%	None Detected	

Client Sample ID: 18A-MM013024 ***Lab Sample ID:*** **042402059-0034**
Sample Description: Hallway - 1002/Glue

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	Beige	0.0%	100.0%	None Detected	
TEM Grav. Reduction	2/05/2024	Beige	0.0%	100.0%	None Detected	

Client Sample ID: 19-MM013024 ***Lab Sample ID:*** **042402059-0035**
Sample Description: Main Vestibule - 1014/4" Brown Cove Base

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Brown	0.0%	100.0%	None Detected	

Client Sample ID: 19A-MM013024-Glue ***Lab Sample ID:*** **042402059-0036**
Sample Description: Main Vestibule - 1014/Glue

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Beige	0.0%	100.0%	None Detected	

Client Sample ID: 19A-MM013024-Glue 2 ***Lab Sample ID:*** **042402059-0036A**
Sample Description: Main Vestibule - 1014/Glue

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Tan	0.0%	100.0%	None Detected	

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Summary Test Report for Asbestos Analysis of Bulk Materials in Accordance with N.J.A.C. 8:60 and 12:120

Client Sample ID: 20-MM013024 ***Lab Sample ID:*** **042402059-0037**
Sample Description: Rm 105 - 1053/Yellow Carpet Glue

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	Yellow	0.0%	100.0%	None Detected	
TEM Grav. Reduction	2/05/2024	Yellow	0.0%	100.0%	None Detected	

Client Sample ID: 21-MM013024 ***Lab Sample ID:*** **042402059-0038**
Sample Description: Rm 111 - 1060/Yellow Carpet Glue

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Yellow	5.0%	95.0%	None Detected	Result includes a small amount of inseparable attached material

Client Sample ID: 22-MM013024 ***Lab Sample ID:*** **042402059-0039**
Sample Description: Rm 152 - 1008/2x4 Textured w/ Holes Ceiling Tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	Gray/White	80.0%	20.0%	None Detected	

Client Sample ID: 23-MM013024 ***Lab Sample ID:*** **042402059-0040**
Sample Description: Rm 128A - 1035/2x4 Textured w/ Holes Ceiling Tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Gray/White	80.0%	20.0%	None Detected	

Client Sample ID: 24-MM013024 ***Lab Sample ID:*** **042402059-0041**
Sample Description: Rm 152 - 1008/1' Floor Grout

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	Tan	0.0%	100.0%	None Detected	

Client Sample ID: 25-MM013024 ***Lab Sample ID:*** **042402059-0042**
Sample Description: Restroom in 118 - 1046B/1' Floor Grout

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Gray	0.0%	100.0%	None Detected	

Client Sample ID: 26-MM013024 ***Lab Sample ID:*** **042402059-0043**
Sample Description: Restroom in 118 - 1046B/1' Floor Wetbed

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	Gray	0.0%	100.0%	None Detected	

Client Sample ID: 27-MM013024 ***Lab Sample ID:*** **042402059-0044**
Sample Description: Restroom in 118 - 1046B/1' Floor Wetbed

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Gray	0.0%	100.0%	None Detected	

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Project ID:	New Jersey Dept. of Human Services

Summary Test Report for Asbestos Analysis of Bulk Materials in Accordance with N.J.A.C. 8:60 and 12:120

Client Sample ID: 28-MM013024 ***Lab Sample ID:*** **042402059-0045**
Sample Description: Rm 152 - 1008/Ceramic Wall Adhesive

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	White	0.0%	100.0%	**<1% Chrysotile**	
400 PLM Pt Ct	2/14/2024	White	0.0%	100.0%	**<0.25% Chrysotile**	

Client Sample ID: 29-MM013024 ***Lab Sample ID:*** **042402059-0046**
Sample Description: Restroom in 118 - 1046A/Ceramic Wall Adhesive

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Gray/White	0.0%	100.0%	**<1% Chrysotile**	Sample is mortar.
400 PLM Pt Ct	2/14/2024	Gray/White	0.0%	100.0%	**<0.25% Chrysotile**	

Client Sample ID: 30-MM013024 ***Lab Sample ID:*** **042402059-0047**
Sample Description: Rm 152 -1008/12" Orange Floor Tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	Orange	0.0%	100.0%	None Detected	
TEM Grav. Reduction	2/05/2024	Orange	0.0%	100.0%	None Detected	

Client Sample ID: 30A-MM013024 ***Lab Sample ID:*** **042402059-0048**
Sample Description: Rm 152 -1008/Glue

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	Gray/Yellow	0.0%	100.0%	None Detected	Result includes a small amount of inseparable attached material
TEM Grav. Reduction	2/05/2024	Gray/Yellow	0.00%	99.81%	**0.19% Chrysotile**	

Client Sample ID: 31-MM013024 ***Lab Sample ID:*** **042402059-0049**
Sample Description: Rm 147 - 1019/12" Orange Floor Tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Orange	0.0%	100.0%	None Detected	

Client Sample ID: 31A-MM013024 ***Lab Sample ID:*** **042402059-0050**
Sample Description: Rm 147 - 1019/Glue

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Gray/Tan	0.0%	100.0%	None Detected	Result includes a small amount of inseparable attached material

Client Sample ID: 32-MM013024 ***Lab Sample ID:*** **042402059-0051**
Sample Description: Room 148 - 1016/Chalkboard Glue Dots

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	Brown/Tan	10.0%	90.0%	None Detected	Result includes a small amount of inseparable attached material
TEM Grav. Reduction	2/05/2024	Brown/Tan	0.0%	100.0%	None Detected	

EXHIBIT 'C'

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EMSL Order ID:	042402059
Customer ID:	ENVI65
Customer PO:	
Project ID:	New Jersey Dept. of Human Services

Summary Test Report for Asbestos Analysis of Bulk Materials in Accordance with N.J.A.C. 8:60 and 12:120

Client Sample ID: 33-MM013024 ***Lab Sample ID:*** **042402059-0052**
Sample Description: Room 148 - 1016/Chalkboard Glue Dots

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Brown	0.0%	100.0%	None Detected	

Client Sample ID: 34-MM013024 ***Lab Sample ID:*** **042402059-0053**
Sample Description: Room 128 - 1033/Gray Sink Undercoat

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	Gray	0.0%	100.0%	None Detected	
TEM Grav. Reduction	2/05/2024	Gray	0.0%	100.0%	None Detected	

Client Sample ID: 35-MM013024 ***Lab Sample ID:*** **042402059-0054**
Sample Description: Room 146 - 1018/Gray Sink Undercoat

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Gray	0.0%	100.0%	None Detected	

Client Sample ID: 36-MM013024 ***Lab Sample ID:*** **042402059-0055**
Sample Description: Rm 153 - 1009/12" Gray Tile w/ White/Brown

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	Gray	0.0%	98.0%	**2% Chrysotile**	

Client Sample ID: 36A-MM013024 ***Lab Sample ID:*** **042402059-0056**
Sample Description: Rm 153 - 1009/Mastic

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	Black	0.0%	97.0%	**3% Chrysotile**	

Client Sample ID: 37-MM013024 ***Lab Sample ID:*** **042402059-0057**
Sample Description: Elec Panel Rm - 1035B/12" Gray Tile w/ White/Brown

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024				Positive Stop (Not Analyzed)	

Client Sample ID: 37A-MM013024 ***Lab Sample ID:*** **042402059-0058**
Sample Description: Elec Panel Rm - 1035B/Mastic

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024				Positive Stop (Not Analyzed)	

Client Sample ID: 38-MM013024 ***Lab Sample ID:*** **042402059-0059**
Sample Description: Mech Rm 129 - 1032/Plumbers Plastic

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	Brown/White	3.0%	97.0%	None Detected	Result includes a small amount of inseparable attached material
TEM Grav. Reduction	2/05/2024	Brown/White	0.00%	99.50%	**0.50% Chrysotile**	

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Client Sample ID: 39-MM013024 ***Lab Sample ID:*** **042402059-0060**
Sample Description: Mech Rm - 1024A/Plumbers Plastic

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Brown/White	5.0%	95.0%	None Detected	Result includes a small amount of inseparable attached material

Client Sample ID: 40-MM013024 ***Lab Sample ID:*** **042402059-0061**
Sample Description: Rm 118 - 1046/2x4 Dot/Fissure Ceiling Tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	Gray/White	30.0%	70.0%	None Detected	

Client Sample ID: 41-MM013024 ***Lab Sample ID:*** **042402059-0062**
Sample Description: Main Office - 1052/2x4 Dot/Fissure Ceiling Tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Gray/White	80.0%	20.0%	None Detected	

Client Sample ID: 42-MM013024 ***Lab Sample ID:*** **042402059-0063**
Sample Description: Office - 1036/2x4 Dot/Dash Ceiling Tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	Gray/White	30.0%	70.0%	None Detected	

Client Sample ID: 43-MM013024 ***Lab Sample ID:*** **042402059-0064**
Sample Description: Office - 127 - 1037/2x4 Dot/Dash Ceiling Tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Gray/White	80.0%	20.0%	None Detected	

Client Sample ID: 44-MM013024 ***Lab Sample ID:*** **042402059-0065**
Sample Description: Mech Rm - 1024/12" Tan Tile w/ Green

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	Tan	0.0%	98.0%	**2% Chrysotile**	

Client Sample ID: 44A-MM013024 ***Lab Sample ID:*** **042402059-0066**
Sample Description: Mech Rm - 1024/Mastic

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	Black/Green	0.0%	92.0%	**8% Chrysotile**	

Client Sample ID: 45-MM013024 ***Lab Sample ID:*** **042402059-0067**
Sample Description: RM 118 - 1046/12" Tan Tile w/ Green

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024				Positive Stop (Not Analyzed)	

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Project ID:	New Jersey Dept. of Human Services

Summary Test Report for Asbestos Analysis of Bulk Materials in Accordance with N.J.A.C. 8:60 and 12:120

Client Sample ID: 45A-MM013024 ***Lab Sample ID:*** **042402059-0068**
Sample Description: RM 118 - 1046/Mastic

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Fibrous	Asbestos	Comment
PLM	2/01/2024				Positive Stop (Not Analyzed)	

Client Sample ID: 46-MM013024 ***Lab Sample ID:*** **042402059-0069**
Sample Description: Rm 128A - 1035/12" Tan Speckled Tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	Tan	0.0%	100.0%	None Detected	
TEM Grav. Reduction	2/05/2024	Tan	0.0%	100.0%	None Detected	

Client Sample ID: 46A-MM013024 ***Lab Sample ID:*** **042402059-0070**
Sample Description: Rm 128A - 1035/Glue

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	Yellow	0.0%	100.0%	None Detected	
TEM Grav. Reduction	2/05/2024	Yellow	0.0%	100.0%	**<0.16% Chrysotile**	

Client Sample ID: 47-MM013024 ***Lab Sample ID:*** **042402059-0071**
Sample Description: Rm 128A - 1035/12" Tan Speckled Tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Tan	0.0%	100.0%	None Detected	

Client Sample ID: 47A-MM013024 ***Lab Sample ID:*** **042402059-0072**
Sample Description: Rm 128A - 1035/Glue

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Yellow	0.0%	100.0%	None Detected	

Client Sample ID: 48-MM013024 ***Lab Sample ID:*** **042402059-0073**
Sample Description: Mech Rm - 1024/12" Gray Speckled Tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	Gray	0.0%	100.0%	None Detected	
TEM Grav. Reduction	2/05/2024	Gray	0.0%	100.0%	None Detected	

Client Sample ID: 48A-MM013024 ***Lab Sample ID:*** **042402059-0074**
Sample Description: Mech Rm - 1024/Glue

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	Yellow	0.0%	100.0%	None Detected	
TEM Grav. Reduction	2/05/2024	Yellow	0.0%	100.0%	None Detected	

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Project ID:	New Jersey Dept. of Human Services

Summary Test Report for Asbestos Analysis of Bulk Materials in Accordance with N.J.A.C. 8:60 and 12:120

Client Sample ID: 49-MM013024 ***Lab Sample ID:*** **042402059-0075**
Sample Description: Mech Rm - 1024/12" Gray Speckled Tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Gray	0.0%	100.0%	None Detected	

Client Sample ID: 49A-MM013024 ***Lab Sample ID:*** **042402059-0076**
Sample Description: Mech Rm - 1024/Glue

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Yellow	0.0%	100.0%	None Detected	

Client Sample ID: 50-MM013024 ***Lab Sample ID:*** **042402059-0077**
Sample Description: Mech Rm - 1024/Single Coat Plaster

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2024	Brown	15.0%	85.0%	None Detected	

Client Sample ID: 51-MM013024 ***Lab Sample ID:*** **042402059-0078**
Sample Description: Mech Rm - 1024/Single Coat Plaster

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Brown	15.0%	85.0%	None Detected	

Client Sample ID: 52-MM013024 ***Lab Sample ID:*** **042402059-0079**
Sample Description: Room 128 - 1033/Single Coat Plaster

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Brown	10.0%	90.0%	None Detected	

Client Sample ID: 53-MM013024 ***Lab Sample ID:*** **042402059-0080**
Sample Description: Gym Stage - 1030/Stage Curtains

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Red/Orange	95.0%	5.0%	None Detected	

Client Sample ID: 54-MM013024 ***Lab Sample ID:*** **042402059-0081**
Sample Description: Gym Stage - 1030/Stage Curtains

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Red/Orange	95.0%	5.0%	None Detected	

Client Sample ID: 55-MM013024 ***Lab Sample ID:*** **042402059-0082**
Sample Description: Rm 115 - 1048/12" Brown Tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Brown	0.0%	100.0%	None Detected	
TEM Grav. Reduction	2/05/2024	Brown	0.0%	100.0%	None Detected	

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Summary Test Report for Asbestos Analysis of Bulk Materials in Accordance with N.J.A.C. 8:60 and 12:120

Client Sample ID: 55A-MM013024 ***Lab Sample ID:*** **042402059-0083**
Sample Description: Rm 115 - 1048/Glue

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Yellow	0.0%	100.0%	None Detected	
TEM Grav. Reduction	2/05/2024	Yellow	0.0%	100.0%	**<0.22% Chrysotile**	

Client Sample ID: 56-MM013024 ***Lab Sample ID:*** **042402059-0084**
Sample Description: Rm 113 - 1050/12" Brown Tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Brown	0.0%	100.0%	None Detected	

Client Sample ID: 56A-MM013024 ***Lab Sample ID:*** **042402059-0085**
Sample Description: Rm 113 - 1050/Glue

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Yellow	0.0%	100.0%	None Detected	

Client Sample ID: 57-MM013024 ***Lab Sample ID:*** **042402059-0086**
Sample Description: Office - 1036/12" Cream Tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Beige	0.0%	100.0%	None Detected	
TEM Grav. Reduction	2/05/2024	Beige	0.0%	100.0%	None Detected	

Client Sample ID: 57A-MM013024 ***Lab Sample ID:*** **042402059-0087**
Sample Description: Office - 1036/Glue

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Yellow	0.0%	100.0%	None Detected	
TEM Grav. Reduction	2/05/2024				Insufficient Material	

Client Sample ID: 58-MM013024 ***Lab Sample ID:*** **042402059-0088**
Sample Description: Office 127 - 1037/12" Cream Tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Beige	0.0%	100.0%	None Detected	

Client Sample ID: 58A-MM013024 ***Lab Sample ID:*** **042402059-0089**
Sample Description: Office 127 - 1037/Glue

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Yellow	0.0%	100.0%	None Detected	
TEM Grav. Reduction	2/14/2024	Yellow	0.0%	100.0%	None Detected	

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Client Sample ID: 59-MM013024 ***Lab Sample ID:*** **042402059-0090**
Sample Description: Mech Rm 129 - 1032/Black HVAC Sealant

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Gray/Black	2.0%	95.0%	**3% Chrysotile**	

Client Sample ID: 60-MM013024 ***Lab Sample ID:*** **042402059-0091**
Sample Description: Mech Rm 129 - 1032/Black HVAC Sealant

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024				Positive Stop (Not Analyzed)	

Client Sample ID: 61-MM013024 ***Lab Sample ID:*** **042402059-0092**
Sample Description: RM 118 - 1046/12" Gray Tile w/ Tan Streaks

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Gray/Tan	0.0%	100.0%	None Detected	
TEM Grav. Reduction	2/05/2024	Gray/Tan	0.0%	100.0%	None Detected	

Client Sample ID: 61A-MM013024 ***Lab Sample ID:*** **042402059-0093**
Sample Description: RM 118 - 1046/Glue

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Yellow	0.0%	100.0%	None Detected	
TEM Grav. Reduction	2/05/2024				Insufficient Material	

Client Sample ID: 62-MM013024 ***Lab Sample ID:*** **042402059-0094**
Sample Description: RM 119 - 1045/12" Gray Tile w/ Tan Streaks

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Gray	0.0%	100.0%	None Detected	

Client Sample ID: 62A-MM013024 ***Lab Sample ID:*** **042402059-0095**
Sample Description: RM 119 - 1045/Glue

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Yellow	0.0%	100.0%	None Detected	
TEM Grav. Reduction	2/14/2024	Yellow	0.00%	99.82%	**0.18% Chrysotile**	

Client Sample ID: 63-DD013024 ***Lab Sample ID:*** **042402059-0096**
Sample Description: Exterior/Masonry Caulk

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Various	5.0%	95.0%	None Detected	
TEM Grav. Reduction	2/05/2024	Various	0.0%	100.0%	None Detected	

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Client Sample ID: 64-DD013024 ***Lab Sample ID:*** **042402059-0097**
Sample Description: Exterior/Masonry Caulk

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Gray	3.0%	97.0%	None Detected	

Client Sample ID: 65-DD013024 ***Lab Sample ID:*** **042402059-0098**
Sample Description: Exterior/Window Frame Caulk

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Black	5.0%	95.0%	None Detected	
TEM Grav. Reduction	2/05/2024	Black	0.0%	100.0%	None Detected	

Client Sample ID: 66-DD013024 ***Lab Sample ID:*** **042402059-0099**
Sample Description: Exterior/Window Frame Caulk

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	Gray/Black	5.0%	95.0%	None Detected	

Client Sample ID: 67-DD013024 ***Lab Sample ID:*** **042402059-0100**
Sample Description: Exterior/Expansion Joint Caulk

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	White	5.0%	95.0%	None Detected	
TEM Grav. Reduction	2/05/2024	White	0.0%	100.0%	None Detected	

Client Sample ID: 68-DD013024 ***Lab Sample ID:*** **042402059-0101**
Sample Description: Exterior/Expansion Joint Caulk

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/02/2024	White	5.0%	95.0%	None Detected	

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Summary Test Report for Asbestos Analysis of Bulk Materials in Accordance with N.J.A.C. 8:60 and 12:120

Analyst(s):

Alex Francois	PLM (14)
Daniel Blake	TEM Grav. Reduction (21)
John Witcraft	TEM Grav. Reduction (2)
Michael Bocchicchio	400 PLM Pt Ct (2)
Michelle Quach	PLM (39)
Sean Dyson	PLM (3)
Selbbep Salgado	PLM (37)

Reviewed and approved by:

Samantha Rundstrom, Laboratory Manager
or Other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA LAP, LLC-IHLAP Lab 100194, PA ID# 68-00367, LA #04127

Report amended: 02/15/202407:55:00 Replaces initial report from: 02/02/202415:11:33 Reason Code: Client-Additional Analysis

EXHIBIT 'C'

OrderID: 042402059

042402059

ENVIRONMENTAL CONNECTION INC

A Vertical Technologies Corporation

Survey Form 04

CLIENT : NJDHS
PROJECT : ASB Assessment
BUILDING : SRMEO

DATE : 01/30/24
TECHNICIAN : M. Moore / M. Havilund
PROJECT # : 23581-01

RECEIVED EMSL CINNAMINSON, NJ. 2024 JAN 30 P 2:44

ASBESTOS ANALYSIS OF BULK MATERIALS via EPA600/R-93/116 USING PLM

MATERIAL DESCRIPTION	SAMPLE	HOMO. AREA ID	ROOM NUMBER	PLM or TEM NOB
Plaster (Rough / Skim)	01/01A MM 013024	01/01A	Main office (1052)	PLM
Plaster	02/02A MM 013024	01/01A	~~office~~ Rm 105 (1053)	PLM
Plaster	03/03A MM 013024	01/01A	Rm 109 (1057)	PLM
Plaster	04/04A MM 013024	01/01A	Rm 111 (1060)	PLM
Plaster	05/05A MM 013024	01/01A	Rm 108 (1056)	PLM
Plaster	06/06A MM 013024	01/01A	Rm 112 (1058)	PLM
Plaster	07/07A MM 013024	01/01A	Rm 112 (1058)	PLM
1' Fissured Ceiling Tile / ~~Glue~~	~~[illegible]~~ 08 MM 013024	~~02/02A~~ 02	Hallway (1002)	~~PLM → TEM NOB~~ PLM
1' Fissured Ceiling Tile / ~~Glue~~	~~[illegible]~~ 09 MM 013024	~~02/02A~~ 02	Hallway (1002)	PLM
Drywall / Joint Compound	10/10A MM 013024	03/03A	Room 147 (1017)	PLM
Drywall / Joint Compound	11/11A MM 013024	03/03A	Room 128 (1033)	PLM
4" Black Cove Base / Glue	12/12A MM 013024	04/04A	Room 106 (1054)	PLM → TEM NOB
4" Black Cove Base / Glue	13/13A MM 013024	04/04A	Hallway (1059)	PLM
Tan Linoleum / Backing	14/14A MM 013024	05/05A	Hall @ Rm 149 (1021)	PLM → TEM NOB
Tan Linoleum / Backing	15/15A MM 013024	05/05A	Rm 128A (1035)	PLM
Orange Linoleum / Backing	16/16A MM 013024	06/06A	Room 152 (1008)	PLM → TEM NOB
Orange Linoleum / Backing	17/17A MM 013024	06/06A	Room 147 (1017)	PLM

32

CHECK EACH BOX THAT APPLIES

☐ Point Count Sample if <10% Asbestos by Weight

☑ NOB's - Chatfield TEM if Sample(s) are None Detected or <1%

☒ Stop at First Positive Homo. Area ID Code

☐ 6 hr. TAT

☒ ~~24 hr.~~ TAT 48 hr.

☐ 5 Day TAT

☐ Other

CHAIN OF CUSTODY RECORD (CCR)

RELINQUISHED BY	DATE	TIME	RECEIVED BY	DATE	TIME	REASON FOR CCR
[signature]	01/30/24	1343	[signature]	1/31/24	145p	

COMMENTS:

[initials] 10

EXHIBIT 'C'

OrderID: 042402059

042402059

ENVIRONMENTAL CONNECTION INC

A Vertical Technologies Corporation

Survey Form 04

CLIENT : NJDHS
PROJECT : ASB Assessment
BUILDING : SRMEO

DATE : 01/30/24
TECHNICIAN : M. Moore / M. Hamm
PROJECT # : 23581-01

RECEIVED EMSL CINNAMINSON N.J. 2024 JAN 30 P 1:44

ASBESTOS ANALYSIS OF BULK MATERIALS via EPA600/R-93/116 USING PLM

MATERIAL DESCRIPTION	SAMPLE	HOMO. AREA ID	ROOM NUMBER	PLM or TEM NOB
4" Brown Cove Base/Glue	18/18A mm 013024	07/07A	Hallway (1002)	PLM-TEM NOB
4" Brown Cove Base/Glue	19/19A mm 013024	07/07A	Main Vestibule (1014)	PLM
Yellow Carpet Glue	20mm 013024	08	Rm 105 (1053)	PLM->TEM NOB
Yellow Carpet Glue	21mm 013024	08	Rm 111 (1060)	PLM
2x4 Textured Ceiling tile w/Holes	22mm 013024	09	Rm 152 (1008)	PLM
2x4 Textured Ceiling tile w/Holes	23mm 013024	09	Rm 128A (1035)	PLM
Grout (1" Floor)	24mm 013024	11	Rm 152 (1008)	PLM
Grout (1" Floor)	25mm 013024	11	Restroom in 118 (1046B)	PLM
Wetbed (1" Floor)	26mm 013024	12	Restroom in 118 (1046B)	PLM
Wetbed (1" Floor)	27mm 013024	12	Restroom in 118 (1046B)	PLM
Ceramic Adhesive (Wall)	28mm 013024	13	Rm 152 (1008)	PLM
Ceramic Adhesive (Wall)	29mm 013024	13	Restroom in 118 (1046A)	PLM
12" Orange Floor tile/Glue	30/30A mm 013024	14/14A	Rm 152 (1008)	PLM->TEM NOB
12" Orige Floor tile/Glue	31/31A mm 013024	14/14A	Rm 147 (1017)	PLM
Glue Dots (Chalkboard)	32mm 013024	15	Room 148 (1016)	PLM->TEM NOB
Glue Dots (Chalkboard)	33mm 013024	15	Room 148 (1016)	PLM
Grey Sink Undercoat	34mm 013024	16	Room 128 (1035)	PLM->TEM NOB
Grey Sink Undercoat	35mm 013024	16	Room 146 (1018)	PLM

54

CHECK EACH BOX THAT APPLIES

- ☐ Point Count Sample if <10% Asbestos by Weight
- ☑ NOB's - Chatfield TEM if Sample(s) are None Detected or <1%
- ☒ Stop at First Positive Homo. Area ID Code
- ☐ 6 hr. TAT
- ☒ ~~24~~ 48 hr. TAT
- ☐ 5 Day TAT
- ☐ Other _____

CHAIN OF CUSTODY RECORD (CCR)

RELINQUISHED BY	DATE	TIME	RECEIVED BY	DATE	TIME	REASON FOR CCR
	01/30/24	1343				

COMMENTS: _____

EXHIBIT 'C'

OrderID: 042402059

042402059

ENVIRONMENTAL CONNECTION INC

A Vertical Technologies Corporation

Survey Form 04

CLIENT : NJDHS
PROJECT : ASB Assessment
BUILDING : SRMEO

DATE : 01/30/24
TECHNICIAN : M. Moore / M. Harvard
PROJECT # : 23581-01

RECEIVED EMSON CINNAMINSON, N.J. 2024 JAN 30 P 1:44

ASBESTOS ANALYSIS OF BULK MATERIALS via EPA600/R-93/116 USING PLM

MATERIAL DESCRIPTION	SAMPLE	HOMO. AREA ID	ROOM NUMBER	PLM or TEM NOB
12" Grey tile w/ white/Brown/Mastic	36/36Amm 013024	17/17A	Rm 153 (1009)	PLM -> TEM NOB
12" Grey tile w/ white/Brown/mastic	37/37Amm 013024	17/17A	Elec Panel Rm (1035B)	PLM
Plumbers Paste	38mm 013024	18	Mech Rm 129 (1032)	PLM -> TEM NOB
Plumbers Paste	39mm 013024	18	Mech Rm (1024A)	PLM
2x4 Dot/Fissure Ceiling tile	40mm 013024	19	Rm 118 (1046)	PLM
2x4 Dot/Fissure Ceiling tile	41mm 013024	19	main office (1052)	PLM
2x4 Dot/Dessin Ceiling tile	42mm 013024	20	office (1036)	PLM
2x4 Dot/Dessin Ceiling tile	43mm 013024	20	office 127 (1037)	PLM
12" Tan tile w/ Green/mastic	44/44Amm 013024	21/21A	Mech Rm (1024)	PLM -> TEM NOB
12" Tan tile w/ Green/mastic	45/45Amm 013024	21/21A	Rm 118 (1046)	PLM
12" Tan Speckled tile/Glue	46/46Amm 013024	22/22A	Rm 125A (1035)	PLM -> TEM NOB
12" Tan Speckled tile/Glue	47/47Amm 013024	22/22A	Rm 125A (1035)	PLM
12" Grey Speckled tile/Glue	48/48Amm 013024	23/23A	Mech Rm (1024)	PLM -> TEM NOB
12" Grey Speckled tile/Glue	49/49Amm 013024	23/23A	Mech Rm (1024)	PLM
Single Coat Plaster	50mm 013024	24	Mech Rm (1024)	PLM
Single Coat Plaster	51mm 013024	24	Mech Rm (1024)	PLM
Single Coat Plaster	52mm 013024	24	Room 128 (1033)	PLM

CHECK EACH BOX THAT APPLIES

- ☐ Point Count Sample if <10% Asbestos by Weight
- ☑ NOB's - Chatfield TEM if Sample(s) are None Detected or <1%
- ☒ Stop at First Positive Homo. Area ID Code
- ☐ 6 hr. TAT
- ☒ ~~24~~ 48 hr. TAT
- ☐ 5 Day TAT
- ☐ Other _____

CHAIN OF CUSTODY RECORD (CCR)

RELINQUISHED BY	DATE	TIME	RECEIVED BY	DATE	TIME	REASON FOR CCR
	01/30/24	1343				

COMMENTS: _____

EXHIBIT 'C'

OrderID: 042402059

042402059

ENVIRONMENTAL CONNECTION INC

A Vertical Technologies Corporation

Survey Form 04

RECEIVED EMSL CINNAMINSON, N.J. 2024 JAN 30 P 1:44

CLIENT	: NJDHS	**DATE**	: 01130124
PROJECT	: ASB Assessment	**TECHNICIAN**	: M. Moore / M. Hand.
BUILDING	: SRMEO	**PROJECT #**	: 23581-01

ASBESTOS ANALYSIS OF BULK MATERIALS via EPA600/R-93/116 USING PLM

MATERIAL DESCRIPTION	SAMPLE	HOMO. AREA ID	ROOM NUMBER	PLM or TEM NOB
Stage Curtains	53MM013024	28	Gym Stage (1030)	PLM
Stage Curtains	54MM013024	28	Gym Stage (1030)	PLM
12" Brown tile / Glue	57155AMM013024	29/29A	Rm 115 (1048)	PLM -> TEM NOB
12" Brown tile / Glue	56156AMM013024	29/29A	Rm 113 (1050)	PLM
12" Cream tile / Glue	57157AMM013024	30/30A	office (1036)	PLM -> TEM NOB
12" Cream tile / Glue	58158AMM013024	30/30A	office 127 (1039)	PLM
Black HVAC Sealant	59MM013024	31	Mech Rm 129 (1032)	PLM -> TEM NOB
Black HVAC Sealant	60MM013024	31	Mech Rm 129 (1032)	PLM
12" Grey tile w Tan Streaks/Glue	61/61AMM013024	32/32A	Rm 118 (1046)	PLM -> TEM NOB
12" Grey tile w Tan Streaks/Glue	62/62AMM013024	32/32A	Rm 119 (1045)	PLM
MASONRY CAULK	63 PD013124	33	EXTERIOR	PLM -> TEM
MASONRY CAULK	64 PD013124	33	EXTERIOR	PLM
WINDOW FRAME CAULK	65 PD013124	34	EXTERIOR	PLM -> TEM
WINDOW FRAME CAULK	66 PD013124	34	EXTERIOR	PLM
EXPANSION JOINT CAULK	67 PD013124	35	EXTERIOR	PLM -> TEM
EXPANSION JOINT CAULK	68 PD013124	35	EXTERIOR	PLM

CHECK EACH BOX THAT APPLIES

☐ Point Count Sample if <10% Asbestos by Weight
☑ NOB's - Chatfield TEM if Sample(s) are None Detected or <1%
☒ Stop at First Positive Homo. Area ID Code

☐ 6 hr. TAT
☒ ~~24 hr.~~ TAT 48 hr.
☐ 5 Day TAT
☐ Other ______

CHAIN OF CUSTODY RECORD (CCR)

RELINQUISHED BY	DATE	TIME	RECEIVED BY	DATE	TIME	REASON FOR CCR
[signature]	01130124	1343	[signature]	1/31/24	1415p	

COMMENTS: ______

EXHIBIT 'C'

APPENDIX II

LEAD BASED PAINT SCREENING FIELD INSPECTION DATA

EXHIBIT 'C'

XRF LEAD BASED PAINT INSPECTION DATA SHEET

Sample #	Test Location/Room Equivalent	Substrate	Component	XRF Value	Classification (pos., neg., inc.)	Condition/ Comments
1	Calibration	-	-	0.9	-	-
2	Calibration	-	-	1.0	-	-
3	Zero Calibration	-	-	0.1	-	-
4	Wall A Exterior	Metal	Door	0.3	Neg.	
5	Wall A	Metal	Door Frame	0.2	Neg.	
6	Vestibule	Metal	Heater Cover	0.3	Neg.	
7	Security Wall B	Cinderblock	Wall	0.6	Neg.	
8	Security Wall B	Wood	Window Frame	0.2	Neg.	
9	Security Wall C	Metal	Door	0.1	Neg.	
10	Security Wall C	Metal	Door Frame	0.5	Neg.	
11	Room 115 Wall B	Cinderblock	Wall	0.5	Neg.	
12	Room 115 Wall C	Wood	Cabinets	0.4	Neg.	
13	Room 115 Bathroom	Ceramic	Wall	0.2	Neg.	

Lead Inspector/Risk Assessor: Dominick Dercole

Substrate: **SR** = Sheetrock **C** = concrete **B** = Brick **W** = Wood **PL** = Plaster **CB** = Cinderblock **M** = Metal
Component: **W** = Wall **F** = Floor **C** = Ceiling **Wd** = Window **WF** = Window Frame **WC** = Window Casing **WM** = Window Mullion **WS** = Window Sill **WSH** = Window Sash **D** = Door **DF** = Door Frame **DC** = Door Casing **DJ** = Door Jamb **H** = Header **CB** = Covebase **T** = Trim **CR** = Chair Rail **S** = Stairs **Ri** = Riser **Ru** = Runner **SM** Stair Mullion

EXHIBIT 'C'

XRF LEAD BASED PAINT INSPECTION DATA SHEET

Sample #	Test Location/Room Equivalent	Substrate	Component	XRF Value	Classification (pos., neg., inc.)	Condition/ Comments
14	Room 115	Metal	Door	0.0	Neg.	
15	Room 115	Metal	Door Frame	0.3	Neg.	
16	Room 115 Hallway Wall A	Cinderblock	Wall	0.5	Neg.	
17	**Room 115 Hall Wall A**	**Vinyl**	**Chair Rail**	**1.0**	**Pos.**	
18	Room 115 Hall Wall C	Metal	Door	0.1	Neg.	
19	Room 115 Hall Wall C	Metal	Door Frame	0.3	Neg.	
20	Room 121 Wall C	Metal	Cabinet	0.3	Neg.	
21	Room 121 Wall A	Cinderblock	Wall	0.5	Neg.	
22	Room 121 Wall A	Metal	Window Frame	0.6	Neg.	
23	Room 124A Wall a	Cinderblock	Wall	0.6	Neg.	
24	Room 124A	Concrete	Floor	0.3	Neg.	
25	Room 124	Metal	Door	0.2	Neg.	
26	Room 124	Metal	Door Frame	0.5	Neg.	

Lead Inspector/Risk Assessor: Dominick Dercole

Substrate: **SR** = Sheetrock **C** = concrete **B** = Brick **W** = Wood **PL** = Plaster **CB** = Cinderblock **M** = Metal
Component: **W** = Wall **F** = Floor **C** = Ceiling **Wd** = Window **WF** = Window Frame **WC** = Window Casing **WM** = Window Mullion **WS** = Window Sill **WSH** = Window Sash **D** = Door **DF** = Door Frame **DC** = Door Casing **DJ** = Door Jamb **H** = Header **CB** = Covebase **T** = Trim **CR** = Chair Rail **S** = Stairs **Ri** = Riser **Ru** = Runner **SM** Stair Mullion

EXHIBIT 'C'

XRF LEAD BASED PAINT INSPECTION DATA SHEET

Sample #	Test Location/Room Equivalent	Substrate	Component	XRF Value	Classification (pos., neg., inc.)	Condition/ Comments
27	Room 124 Hall	Cinderblock	Wall	0.6	Neg.	
28	By Room 126 Hall Fire Door	Metal	Door	0.1	Neg.	
29	By Room 126 Hall Fire Door	Metal	Door Frame	0.5	Neg.	
30	Room 126 Wall A	Cinderblock	Wall	0.6	Neg.	
31	Room 126 Wall D	Sheetrock	Wall	0.0	Neg.	
32	Room 109 Wall D	Metal	Door	0.1	Neg.	
33	Room 109 Wall D	Metal	Door Frame	0.2	Neg.	
34	Room 109 Wall B	Plaster	Wall	0.6	Neg.	
35	Room 109 Wall A	Metal	Cabinet	0.1	Neg.	
36	Room 109A Wall B	Ceramic	Wall	0.1	Neg.	
37	Room 104 Wall C	Metal	Window Frame	0.3	Neg.	
38	Room 104 Wall D	Metal	Door	0.1	Neg.	
39	Room 104 Wall D	Metal	Door Frame	0.2	Neg.	

Lead Inspector/Risk Assessor: Dominick Dercole

Substrate: **SR** = Sheetrock **C** = concrete **B** = Brick **W** = Wood **PL** = Plaster **CB** = Cinderblock **M** = Metal
Component: **W** = Wall **F** = Floor **C** = Ceiling **Wd** = Window **WF** = Window Frame **WC** = Window Casing **WM** = Window Mullion **WS** = Window Sill **WSH** = Window Sash **D** = Door **DF** = Door Frame **DC** = Door Casing **DJ** = Door Jamb **H** = Header **CB** = Covebase **T** = Trim **CR** = Chair Rail **S** = Stairs **Ri** = Riser **Ru** = Runner **SM** Stair Mullion

EXHIBIT 'C'

XRF LEAD BASED PAINT INSPECTION DATA SHEET

Sample #	Test Location/Room Equivalent	Substrate	Component	XRF Value	Classification (pos., neg., inc.)	Condition/ Comments
40	Gym Wall A	Cinderblock	Wall	0.6	Neg.	
41	Gym Wall A	Metal	Door	0.2	Neg.	
42	Gym Wall A	Metal	Door Frame	0.6	Neg.	
43	Room 104 Wall D	Metal	Door	0.1	Neg.	
44	Room 104 Wall D	Metal	Door Frame	0.5	Neg.	
45	Room 104 Wall A	Cinderblock	Wall	0.6	Neg.	
46	Hallway at Room 158 Wall A	Cinderblock	Wall	0.6	Neg.	
47	Hallway at Room 158 Wall D	Metal	Door	0.2	Neg.	
48	Hallway at Room 158 Wall D	Metal	Door Frame	0.2	Neg.	
49	Room 149 Wall A	Metal	Door	0.1	Neg.	
50	Room 149 Wall A	Metal	Door Frame	0.6	Neg.	
51	Room 149 Wall A	Wood	Cabinets	0.1	Neg.	
52	Room 149 Bathroom Wall A	Ceramic	Wall	0.2	Neg.	

Lead Inspector/Risk Assessor: Dominick Dercole

Substrate: **SR** = Sheetrock **C** = concrete **B** = Brick **W** = Wood **PL** = Plaster **CB** = Cinderblock **M** = Metal
Component: **W** = Wall **F** = Floor **C** = Ceiling **Wd** = Window **WF** = Window Frame **WC** = Window Casing **WM** = Window Mullion **WS** = Window Sill **WSH** = Window Sash **D** = Door **DF** = Door Frame **DC** = Door Casing **DJ** = Door Jamb **H** = Header **CB** = Covebase **T** = Trim **CR** = Chair Rail **S** = Stairs **Ri** = Riser **Ru** = Runner **SM** Stair Mullion

EXHIBIT 'C'

XRF LEAD BASED PAINT INSPECTION DATA SHEET

Sample #	Test Location/Room Equivalent	Substrate	Component	XRF Value	Classification (pos., neg., inc.)	Condition/ Comments
53	Room 149 Wall B	Cinderblock	Wall	0.6	Neg.	
54	Room 149 Wall C	Metal	Door	0.1	Neg.	
55	Room 149 Wall C	Metal	Door Frame	0.1	Neg.	
56	Room 149 Wall C	Metal	Window Frame	0.5	Neg.	
57	Room 156 Wall D	Metal	Door	0.2	Neg.	
58	Room 156 Wall D	Metal	Door Frame	0.2	Neg.	
59	Room 156 Wall C	Cinderblock	Wall	0.5	Neg.	
60	Hall at Room 147	Vinyl	Chair Rail	0.9	Neg.	
61	Hall at Room 153 Fire Door	Metal	Door	0.1	Neg.	
62	Hall at Room 153 Fire Door	Metal	Door Frame	0.5	Neg.	
63	Hall at Room 146 Wall C	Cinderblock	Wall	0.5	Neg.	
64	Room 146 Wall A	Metal	Door	0.1	Neg.	
65	Room 146 Wall A	Metal	Door Frame	0.5	Neg.	

Lead Inspector/Risk Assessor: Dominick Dercole

Substrate: **SR** = Sheetrock **C** = concrete **B** = Brick **W** = Wood **PL** = Plaster **CB** = Cinderblock **M** = Metal
Component: **W** = Wall **F** = Floor **C** = Ceiling **Wd** = Window **WF** = Window Frame **WC** = Window Casing **WM** = Window Mullion **WS** = Window Sill **WSH** = Window Sash **D** = Door **DF** = Door Frame **DC** = Door Casing **DJ** = Door Jamb **H** = Header **CB** = Covebase **T** = Trim **CR** = Chair Rail **S** = Stairs **Ri** = Riser **Ru** = Runner **SM** Stair Mullion

EXHIBIT 'C'

XRF LEAD BASED PAINT INSPECTION DATA SHEET

Sample #	Test Location/Room Equivalent	Substrate	Component	XRF Value	Classification (pos., neg., inc.)	Condition/ Comments
66	Room 146	Metal	Window Frame	0.2	Neg.	
67	Room 146 Wall B	Cinderblock	Wall	0.5	Neg.	
68	Room 146 Wall C	Metal	Cabinet	0.2	Neg.	
69	Room 146 Closet Wall C	Metal	Door	0.1	Neg.	
70	Room 146 Closet Wall C	Metal	Door Frame	0.5	Neg.	
71	Room 146 Closet Wall C	Cinderblock	Wall	0.5	Neg.	
72	Hall at Room 145 Wall A	Cinderblock	Wall	0.6	Neg.	
73	Room 145 Wall A	Metal	Door	0.1	Neg.	
74	Room 145 Wall A	Metal	Door Frame	0.4	Neg.	
75	Room 145 Wall A	Metal	Door Frame	0.2	Neg.	
76	Calibration	-	-	1.0	-	-
77	Calibration	-	-	1.0	-	--
78	Zero Calibration	-	-	0.1	-	

Lead Inspector/Risk Assessor: Dominick Dercole

Substrate: **SR** = Sheetrock **C** = concrete **B** = Brick **W** = Wood **PL** = Plaster **CB** = Cinderblock **M** = Metal
Component: **W** = Wall **F** = Floor **C** = Ceiling **Wd** = Window **WF** = Window Frame **WC** = Window Casing **WM** = Window Mullion **WS** = Window Sill **WSH** = Window Sash **D** = Door **DF** = Door Frame **DC** = Door Casing **DJ** = Door Jamb **H** = Header **CB** = Covebase **T** = Trim **CR** = Chair Rail **S** = Stairs **Ri** = Riser **Ru** = Runner **SM** Stair Mullion

EXHIBIT 'C'

APPENDIX III

POLYCHLORINATED BIPHENYL MATERIAL CHAIN OF CUSTODY AND CERTIFICATES OF ANALYSIS

EXHIBIT 'C'

EMSL Analytical, Inc.

200 Route 130, Cinnaminson, NJ, 08077
Telephone: 856-858-4800 Fax:856-786-5974
EMSL-CIN-01

EMSL Order ID: 012406856
LIMS Reference ID: AC06856
EMSL Customer ID: ENVI65

February 15, 2024

Dom Dercole
Environmental Connection, Inc. [ENVI65]
120 North Warren Street
Trenton, NJ 08608

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 1/31/2024. The results are tabulated on the attached pages for the following client designated project:

23581-01

The reference number for these samples is EMSL Order #: AC06856 . Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact the lab at 856-858-4800.

Owen McKenna Laboratory Manager or other approved signatory

EXHIBIT 'C'

Table of Contents

EXHIBIT 'C'

EMSL Analytical, Inc.

200 Route 130, Cinnaminson, NJ, 08077
Telephone: 856-858-4800 Fax:856-786-5974
EMSL-CIN-01

EMSL Order ID: 012406856
LIMS Reference ID: AC06856
EMSL Customer ID: ENVI65

Attention: Dom Dercole
Environmental Connection, Inc. [ENVI65]
120 North Warren Street
Trenton, NJ 08608
(609) 392-4200
ddercole@vtihq.com

Project Name: 23581-01

Customer PO:
EMSL Sales Rep: Josh Silverman
Received: 01/31/2024 13:55
Reported: 02/15/2024 13:11

Sample Condition on Receipt

Cooler ID: Default Cooler **Temperature: 21.3 °C**

Custody Seals	Y
Containers Intact	Y
COC/Labels Agree	Y
Preservation Confirmed	Y

EXHIBIT 'C'

EMSL Analytical, Inc.

200 Route 130, Cinnaminson, NJ, 08077
Telephone: 856-858-4800 Fax:856-786-5974
EMSL-CIN-01

EMSL Order ID: 012406856
LIMS Reference ID: AC06856
EMSL Customer ID: ENVI65

Attention: Dom Dercole
Environmental Connection, Inc. [ENVI65]
120 North Warren Street
Trenton, NJ 08608
(609) 392-4200
ddercole@vtihq.com

Project Name: 23581-01
Customer PO:
EMSL Sales Rep: Josh Silverman
Received: 01/31/2024 13:55
Reported: 02/15/2024 13:11

Samples in this Report

Lab ID	Sample	Matrix	Date Sampled	Date Received
AC06856-01	PCB1 DD013124	Solid	01/31/2024	01/31/2024
AC06856-02	PCB2 DD013124	Solid	01/31/2024	01/31/2024
AC06856-03	PCB3 DD013124	Solid	01/31/2024	01/31/2024
AC06856-04	PCB4 DD013124	Solid	01/31/2024	01/31/2024

EXHIBIT 'C'

EMSL Analytical, Inc.

200 Route 130, Cinnaminson, NJ, 08077
Telephone: 856-858-4800 Fax:856-786-5974
EMSL-CIN-01

EMSL Order ID: 012406856
LIMS Reference ID: AC06856
EMSL Customer ID: ENVI65

Attention: Dom Dercole
Environmental Connection, Inc. [ENVI65]
120 North Warren Street
Trenton, NJ 08608
(609) 392-4200
ddercole@vtihq.com

Project Name: 23581-01

Customer PO:
EMSL Sales Rep: Josh Silverman
Received: 01/31/2024 13:55
Reported: 02/15/2024 13:11

EXHIBIT 'C'

EMSL Analytical, Inc.

200 Route 130, Cinnaminson, NJ, 08077
Telephone: 856-858-4800 Fax:856-786-5974
EMSL-CIN-01

EMSL Order ID: 012406856
LIMS Reference ID: AC06856
EMSL Customer ID: ENVI65

Attention: Dom Dercole
Environmental Connection, Inc. [ENVI65]
120 North Warren Street
Trenton, NJ 08608
(609) 392-4200
ddercole@vtihq.com

Project Name: 23581-01

Customer PO:
EMSL Sales Rep: Josh Silverman
Received: 01/31/2024 13:55
Reported: 02/15/2024 13:11

Sample Results

Sample: PCB1 DD013124
AC06856-01 (Solid)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Prep/Analyst Initials	Prep Method	Analytical Method
GC-SVOA										
Aroclor-1016	ND		1	0.24	mg/kg	02/01/24 12:35	02/02/24 14:46	MxB/AxJ	SW846 3540C	SW846-8082A
Aroclor-1221	ND		1	0.24	mg/kg	02/01/24 12:35	02/02/24 14:46	MxB/AxJ	SW846 3540C	SW846-8082A
Aroclor-1232	ND		1	0.24	mg/kg	02/01/24 12:35	02/02/24 14:46	MxB/AxJ	SW846 3540C	SW846-8082A
Aroclor-1242	ND		1	0.24	mg/kg	02/01/24 12:35	02/02/24 14:46	MxB/AxJ	SW846 3540C	SW846-8082A
Aroclor-1248	ND		1	0.24	mg/kg	02/01/24 12:35	02/02/24 14:46	MxB/AxJ	SW846 3540C	SW846-8082A
Aroclor-1254	ND		1	0.24	mg/kg	02/01/24 12:35	02/02/24 14:46	MxB/AxJ	SW846 3540C	SW846-8082A
Aroclor-1260	ND		1	0.24	mg/kg	02/01/24 12:35	02/02/24 14:46	MxB/AxJ	SW846 3540C	SW846-8082A
Aroclor-1262	ND		1	0.24	mg/kg	02/01/24 12:35	02/02/24 14:46	MxB/AxJ	SW846 3540C	SW846-8082A
Aroclor-1268	ND		1	0.24	mg/kg	02/01/24 12:35	02/02/24 14:46	MxB/AxJ	SW846 3540C	SW846-8082A
Surrogate(s)	**Recovery**	**Q**		**Limits**						
Surrogate: Tetrachloro-m-xylene	*46%*			*10-112*		02/01/24 12:35	02/02/24 14:46	MxB/AxJ	SW846 3540C	*SW846-8082A*
Surrogate: Decachlorobiphenyl	*56%*			*10-123*		02/01/24 12:35	02/02/24 14:46	MxB/AxJ	SW846 3540C	*SW846-8082A*

EXHIBIT 'C'

EMSL Analytical, Inc.

200 Route 130, Cinnaminson, NJ, 08077
Telephone: 856-858-4800 Fax:856-786-5974
EMSL-CIN-01

EMSL Order ID: 012406856
LIMS Reference ID: AC06856
EMSL Customer ID: ENVI65

Attention: Dom Dercole
Environmental Connection, Inc. [ENVI65]
120 North Warren Street
Trenton, NJ 08608
(609) 392-4200
ddercole@vtihq.com

Project Name: 23581-01

Customer PO:
EMSL Sales Rep: Josh Silverman
Received: 01/31/2024 13:55
Reported: 02/15/2024 13:11

Sample Results
(Continued)

Sample: PCB2 DD013124/HVAC
AC06856-02 (Solid)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Prep/Analyst Initials	Prep Method	Analytical Method
GC-SVOA										
Aroclor-1016	ND		1	0.25	mg/kg	02/01/24 12:35	02/02/24 19:14	MxB/AxJ	SW846 3540C	SW846-8082A
Aroclor-1221	ND		1	0.25	mg/kg	02/01/24 12:35	02/02/24 19:14	MxB/AxJ	SW846 3540C	SW846-8082A
Aroclor-1232	ND		1	0.25	mg/kg	02/01/24 12:35	02/02/24 19:14	MxB/AxJ	SW846 3540C	SW846-8082A
Aroclor-1242	ND		1	0.25	mg/kg	02/01/24 12:35	02/02/24 19:14	MxB/AxJ	SW846 3540C	SW846-8082A
Aroclor-1248	ND		1	0.25	mg/kg	02/01/24 12:35	02/02/24 19:14	MxB/AxJ	SW846 3540C	SW846-8082A
Aroclor-1254	ND		1	0.25	mg/kg	02/01/24 12:35	02/02/24 19:14	MxB/AxJ	SW846 3540C	SW846-8082A
Aroclor-1260	ND		1	0.25	mg/kg	02/01/24 12:35	02/02/24 19:14	MxB/AxJ	SW846 3540C	SW846-8082A
Aroclor-1262	ND		1	0.25	mg/kg	02/01/24 12:35	02/02/24 19:14	MxB/AxJ	SW846 3540C	SW846-8082A
Aroclor-1268	ND		1	0.25	mg/kg	02/01/24 12:35	02/02/24 19:14	MxB/AxJ	SW846 3540C	SW846-8082A
Surrogate(s)	**Recovery**	**Q**		**Limits**						
Surrogate: Tetrachloro-m-xylene	*38%*			*10-112*		02/01/24 12:35	02/02/24 19:14	MxB/AxJ	SW846 3540C	*SW846-8082A*
Surrogate: Decachlorobiphenyl	*59%*			*10-123*		02/01/24 12:35	02/02/24 19:14	MxB/AxJ	SW846 3540C	*SW846-8082A*

EXHIBIT 'C'

EMSL Analytical, Inc.

200 Route 130, Cinnaminson, NJ, 08077
Telephone: 856-858-4800 Fax:856-786-5974
EMSL-CIN-01

EMSL Order ID: 012406856
LIMS Reference ID: AC06856
EMSL Customer ID: ENVI65

Attention: Dom Dercole
Environmental Connection, Inc. [ENVI65]
120 North Warren Street
Trenton, NJ 08608
(609) 392-4200
ddercole@vtihq.com

Project Name: 23581-01

Customer PO:
EMSL Sales Rep: Josh Silverman
Received: 01/31/2024 13:55
Reported: 02/15/2024 13:11

Sample Results
(Continued)

Sample: PCB3 DD013124/Masonry
AC06856-03 (Solid)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Prep/Analyst Initials	Prep Method	Analytical Method
GC-SVOA										
Aroclor-1016	ND		1	0.24	mg/kg	02/01/24 12:35	02/02/24 16:06	MxB/AxJ	SW846 3540C	SW846-8082A
Aroclor-1221	ND		1	0.24	mg/kg	02/01/24 12:35	02/02/24 16:06	MxB/AxJ	SW846 3540C	SW846-8082A
Aroclor-1232	ND		1	0.24	mg/kg	02/01/24 12:35	02/02/24 16:06	MxB/AxJ	SW846 3540C	SW846-8082A
Aroclor-1242	ND		1	0.24	mg/kg	02/01/24 12:35	02/02/24 16:06	MxB/AxJ	SW846 3540C	SW846-8082A
Aroclor-1248	ND		1	0.24	mg/kg	02/01/24 12:35	02/02/24 16:06	MxB/AxJ	SW846 3540C	SW846-8082A
Aroclor-1254	ND		1	0.24	mg/kg	02/01/24 12:35	02/02/24 16:06	MxB/AxJ	SW846 3540C	SW846-8082A
Aroclor-1260	ND		1	0.24	mg/kg	02/01/24 12:35	02/02/24 16:06	MxB/AxJ	SW846 3540C	SW846-8082A
Aroclor-1262	ND		1	0.24	mg/kg	02/01/24 12:35	02/02/24 16:06	MxB/AxJ	SW846 3540C	SW846-8082A
Aroclor-1268	ND		1	0.24	mg/kg	02/01/24 12:35	02/02/24 16:06	MxB/AxJ	SW846 3540C	SW846-8082A
Surrogate(s)	**Recovery**	**Q**		**Limits**						
Surrogate: Tetrachloro-m-xylene	*28%*			*10-112*		02/01/24 12:35	02/02/24 16:06	MxB/AxJ	SW846 3540C	*SW846-8082A*
Surrogate: Decachlorobiphenyl	*32%*			*10-123*		02/01/24 12:35	02/02/24 16:06	MxB/AxJ	SW846 3540C	*SW846-8082A*

EXHIBIT 'C'

EMSL Analytical, Inc.

200 Route 130, Cinnaminson, NJ, 08077
Telephone: 856-858-4800 Fax:856-786-5974
EMSL-CIN-01

EMSL Order ID: 012406856
LIMS Reference ID: AC06856
EMSL Customer ID: ENVI65

Attention: Dom Dercole
Environmental Connection, Inc. [ENVI65]
120 North Warren Street
Trenton, NJ 08608
(609) 392-4200
ddercole@vtihq.com

Project Name: 23581-01

Customer PO:
EMSL Sales Rep: Josh Silverman
Received: 01/31/2024 13:55
Reported: 02/15/2024 13:11

Sample Results
(Continued)

Sample: PCB4 DD013124/Window
AC06856-04 (Solid)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Prep/Analyst Initials	Prep Method	Analytical Method
GC-SVOA										
Aroclor-1016	ND		1	0.25	mg/kg	02/01/24 12:35	02/02/24 16:48	MxB/AxJ	SW846 3540C	SW846-8082A
Aroclor-1221	ND		1	0.25	mg/kg	02/01/24 12:35	02/02/24 16:48	MxB/AxJ	SW846 3540C	SW846-8082A
Aroclor-1232	ND		1	0.25	mg/kg	02/01/24 12:35	02/02/24 16:48	MxB/AxJ	SW846 3540C	SW846-8082A
Aroclor-1242	ND		1	0.25	mg/kg	02/01/24 12:35	02/02/24 16:48	MxB/AxJ	SW846 3540C	SW846-8082A
Aroclor-1248	ND		1	0.25	mg/kg	02/01/24 12:35	02/02/24 16:48	MxB/AxJ	SW846 3540C	SW846-8082A
Aroclor-1254	ND		1	0.25	mg/kg	02/01/24 12:35	02/02/24 16:48	MxB/AxJ	SW846 3540C	SW846-8082A
Aroclor-1260	ND		1	0.25	mg/kg	02/01/24 12:35	02/02/24 16:48	MxB/AxJ	SW846 3540C	SW846-8082A
Aroclor-1262	ND		1	0.25	mg/kg	02/01/24 12:35	02/02/24 16:48	MxB/AxJ	SW846 3540C	SW846-8082A
Aroclor-1268	ND		1	0.25	mg/kg	02/01/24 12:35	02/02/24 16:48	MxB/AxJ	SW846 3540C	SW846-8082A
Surrogate(s)	**Recovery**	**Q**		**Limits**						
Surrogate: Tetrachloro-m-xylene	*33%*			*10-112*		02/01/24 12:35	02/02/24 16:48	MxB/AxJ	SW846 3540C	*SW846-8082A*
Surrogate: Decachlorobiphenyl	*40%*			*10-123*		02/01/24 12:35	02/02/24 16:48	MxB/AxJ	SW846 3540C	*SW846-8082A*

EXHIBIT 'C'

EMSL Analytical, Inc.

200 Route 130, Cinnaminson, NJ, 08077
Telephone: 856-858-4800 Fax:856-786-5974
EMSL-CIN-01

EMSL Order ID: 012406856
LIMS Reference ID: AC06856
EMSL Customer ID: ENVI65

Attention: Dom Dercole
Environmental Connection, Inc. [ENVI65]
120 North Warren Street
Trenton, NJ 08608
(609) 392-4200
ddercole@vtihq.com

Project Name: 23581-01

Customer PO:
EMSL Sales Rep: Josh Silverman
Received: 01/31/2024 13:55
Reported: 02/15/2024 13:11

Quality Control

GC-SVOA

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BCB0036 - SW846 3540C										
Blank (BCB0036-BLK1)					Prepared: 2/1/2024 Analyzed: 2/2/2024					
Aroclor-1016	ND		0.25	mg/kg						
Aroclor-1221	ND		0.25	mg/kg						
Aroclor-1232	ND		0.25	mg/kg						
Aroclor-1242	ND		0.25	mg/kg						
Aroclor-1248	ND		0.25	mg/kg						
Aroclor-1254	ND		0.25	mg/kg						
Aroclor-1260	ND		0.25	mg/kg						
Aroclor-1262	ND		0.25	mg/kg						
Aroclor-1268	ND		0.25	mg/kg						
Surrogate(s)										
Surrogate: Tetrachloro-m-xylene					*1.000*		*106*	*10-112*		
Surrogate: Decachlorobiphenyl					*1.000*		*132*	*10-123*		
Blank (BCB0036-BLK2)					Prepared: 2/1/2024 Analyzed: 2/2/2024					
Aroclor-1016	ND		0.25	mg/kg						
Aroclor-1221	ND		0.25	mg/kg						
Aroclor-1232	ND		0.25	mg/kg						
Aroclor-1242	ND		0.25	mg/kg						
Aroclor-1248	ND		0.25	mg/kg						
Aroclor-1254	ND		0.25	mg/kg						
Aroclor-1260	ND		0.25	mg/kg						
Aroclor-1262	ND		0.25	mg/kg						
Aroclor-1268	ND		0.25	mg/kg						
Surrogate(s)										
Surrogate: Tetrachloro-m-xylene					*1.000*		*100*	*10-112*		
Surrogate: Decachlorobiphenyl					*1.000*		*105*	*10-123*		
LCS (BCB0036-BS1)					Prepared: 2/1/2024 Analyzed: 2/2/2024					
Aroclor-1016	4.32		0.25	mg/kg	5.000		86	23-111		
Aroclor-1260	4.94		0.25	mg/kg	5.000		99	29-119		
Surrogate(s)										
Surrogate: Tetrachloro-m-xylene					*0.5000*		*85*	*10-112*		
Surrogate: Decachlorobiphenyl					*0.5000*		*106*	*10-123*		

EXHIBIT 'C'

EMSL Analytical, Inc.

200 Route 130, Cinnaminson, NJ, 08077
Telephone: 856-858-4800 Fax:856-786-5974
EMSL-CIN-01

EMSL Order ID: 012406856
LIMS Reference ID: AC06856
EMSL Customer ID: ENVI65

Attention: Dom Dercole
Environmental Connection, Inc. [ENVI65]
120 North Warren Street
Trenton, NJ 08608
(609) 392-4200
ddercole@vtihq.com

Project Name: 23581-01

Customer PO:
EMSL Sales Rep: Josh Silverman
Received: 01/31/2024 13:55
Reported: 02/15/2024 13:11

Quality Control
(Continued)

GC-SVOA (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BCB0036 - SW846 3540C (Continued)										
LCS (BCB0036-BS2)					Prepared: 2/1/2024 Analyzed: 2/2/2024					
Aroclor-1016	3.16		0.25	mg/kg	5.000		63	23-111		
Aroclor-1260	3.65		0.25	mg/kg	5.000		73	29-119		
Surrogate(s)										
Surrogate: Tetrachloro-m-xylene					*0.5000*		*59*	*10-112*		
Surrogate: Decachlorobiphenyl					*0.5000*		*79*	*10-123*		
Matrix Spike (BCB0036-MS1)		**Source: AC06856-01**			Prepared: 2/1/2024 Analyzed: 2/2/2024					
Aroclor-1016	1.51		0.25	mg/kg	5.000	ND	30	10-111		
Aroclor-1260	1.46		0.25	mg/kg	5.000	ND	29	10-132		
Surrogate(s)										
Surrogate: Tetrachloro-m-xylene					*0.5000*		*27*	*10-112*		
Surrogate: Decachlorobiphenyl					*0.5000*		*35*	*10-123*		
Matrix Spike Dup (BCB0036-MSD1)		**Source: AC06856-01**			Prepared: 2/1/2024 Analyzed: 2/2/2024					
Aroclor-1016	1.05	R1	0.24	mg/kg	4.739	ND	22	10-111	36	28
Aroclor-1260	1.06	R1	0.24	mg/kg	4.739	ND	22	10-132	32	28
Surrogate(s)										
Surrogate: Tetrachloro-m-xylene					*0.4739*		*22*	*10-112*		
Surrogate: Decachlorobiphenyl					*0.4739*		*30*	*10-123*		

EXHIBIT 'C'

EMSL Analytical, Inc.

200 Route 130, Cinnaminson, NJ, 08077
Telephone: 856-858-4800 Fax:856-786-5974
EMSL-CIN-01

EMSL Order ID: 012406856
LIMS Reference ID: AC06856
EMSL Customer ID: ENVI65

Attention: Dom Dercole
Environmental Connection, Inc. [ENVI65]
120 North Warren Street
Trenton, NJ 08608
(609) 392-4200
ddercole@vtihq.com

Project Name: 23581-01

Customer PO:
EMSL Sales Rep: Josh Silverman
Received: 01/31/2024 13:55
Reported: 02/15/2024 13:11

Certified Analyses included in this Report

Analyte	CAS #	Certifications
SW846-8082A in Solid		
Aroclor-1016	12674-11-2	NJDEP,NYSDOH,PADEP,California ELAP
Aroclor-1221	11104-28-2	NJDEP,NYSDOH,PADEP,California ELAP
Aroclor-1232	11141-16-5	NJDEP,NYSDOH,PADEP,California ELAP
Aroclor-1242	53469-21-9	NJDEP,NYSDOH,PADEP,California ELAP
Aroclor-1248	12672-29-6	NJDEP,NYSDOH,PADEP,California ELAP
Aroclor-1254	11097-69-1	NJDEP,NYSDOH,PADEP,California ELAP
Aroclor-1260	11096-82-5	NJDEP,NYSDOH,PADEP,California ELAP
Aroclor-1262	37324-23-5	NJDEP,NYSDOH,PADEP
Aroclor-1268	11100-14-4	NJDEP,NYSDOH,PADEP

List of Certifications

Code	Description	Number	Expires
PADEP	Pennsylvania Department of Environmental Protection	68-00367	11/30/2024
NYSDOH	New York State Department of Health	10872	04/01/2024
NJDEP	New Jersey Department of Environmental Protection	03036	06/30/2024
MADEP	Massachusetts Department of Environmental Protection	M-NJ337	06/30/2024
CTDPH	Connecticut Department of Public Health	PH-0270	06/23/2024
California ELAP	California Water Boards	1877	06/30/2024
AIHA LAP	EMSL Analytical, Inc. Cinnaminson, NJ AIHA-LAP, LLC-ELLAP Accredited	100194	01/01/2025
A2LA	A2LA Environmental Certificate	2845.01	07/31/2024

Please see the specific Field of Testing (FOT) on www.emsl.com <http://www.emsl.com> for a complete listing of parameters for which EMSL is certified.

EXHIBIT 'C'

EMSL Analytical, Inc.

200 Route 130, Cinnaminson, NJ, 08077
Telephone: 856-858-4800 Fax:856-786-5974
EMSL-CIN-01

EMSL Order ID: 012406856
LIMS Reference ID: AC06856
EMSL Customer ID: ENVI65

Attention: Dom Dercole
Environmental Connection, Inc. [ENVI65]
120 North Warren Street
Trenton, NJ 08608
(609) 392-4200
ddercole@vtihq.com

Project Name: 23581-01
Customer PO:
EMSL Sales Rep: Josh Silverman
Received: 01/31/2024 13:55
Reported: 02/15/2024 13:11

Notes and Definitions

Item	Definition
R1	Recovery is outside of the method control limits.
S	Surrogate recovery is outside the method control limits.
(Dig)	For metals analysis, sample was digested.
[2C]	Reported from the second channel in dual column analysis.
DF	Dilution Factor
MDL	Method Detection Limit.
ND	Analyte was NOT DETECTED at or above the detection limit.
Q	Qualifier
RL	Reporting Limit
%REC	Percent Recovery
RPD	Relative Percent Difference
Source	Sample that was matrix spiked or duplicated

Measurement of uncertainty and any applicable definitions of method modifications are available upon request. Per EPA NLLAP policy, sample results are not blank corrected.

EXHIBIT 'C'

Environmental Chemistry Chain of Custody

EMSL ANALYTICAL, INC.

EMSL Order Number / Lab Use Only: AC068560

EMSL Analytical, Inc.
200 Rt. 130 N
Cinnaminson, NJ 08077
PHONE: (800) 220-3675
EMAIL: EnvChemistry2@EMSL.c

Customer Information

Customer ID:
Company Name: ENVIRONMENTAL CONNECTION
Contact Name: DOM DERCOLE
Street Address:
City, State, Zip: Country:
Phone:
Email(s) for Report:

Billing Information

Billing ID:
Company Name:
Billing Contact:
Street Address:
City, State, Zip: Country:
Phone:
Email(s) for Invoice:

Project Name/No: 23581-01
Purchase Order:

EMSL LIMS Project ID: (If applicable, EMSL will provide)
US State where samples collected: NJ
State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-Taxable)

Samples for Compliance? ☐ Yes ☐ No If Yes, for NPDES? ☐ Yes ☐ No
Other (Specify)
PWS ID:
State Reporting Required? ☐ Yes ☐ No

Samples Collected by (Check One): ☐ EMSL ☒ CLIENT
Samples Received Chilled? ☐ Yes ☐ No
Sample(s) Temperature Upon Receipt (LAB ONLY)

Sampled By Name: M HAVILAND
Sampled By Signature: M Haviland
No. of Samples in Shipment:

Turn-Around-Time (TAT) Standard Turn-Around-Time: ☒ 2 Weeks
The following TAT's are subject to Lab approval. Call lab to confirm TAT before submittal: ☐ 1 Week ☐ 4 Days ☐ 3 Days ☐ 2 Days ☐ 1 Day

	Client Sample ID	Comp	Grab	Date / Time Collected	Matrix (W=Water S=Soil A=Air SL=Sludge O=Other)	Preservative (1 HCL 2 HNO3 3 H2SO4 4 ICE 5 Other)	Test 1: PCB	Test 2:	Test 3:	Test 4:	Test 5:	Test 6:	Test 7:	Test 8:	Comments
1	PCB1 DDO13124	☐	☐	1/31/24 1230	O		☐	☐	☐	☐	☐	☐	☐	☐	
2	PCB2 DDO13124	☐	☐	1/31/24 1240	O		☐	☐	☐	☐	☐	☐	☐	☐	
3	PCB3 DDO13124	☐	☐	1/31/24 1250	O		☐	☐	☐	☐	☐	☐	☐	☐	
4	PCB4 DDO13124	☐	☐	1/31/24 1300	O		☐	☐	☐	☐	☐	☐	☐	☐	

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

21.3°C rec'd in plastic 2/9

Reporting Requirements: ☐ Results Only ☐ Results and QC ☐ Reduced Deliverables ☐ Hzresults EDD ☐ Excel ☐ Other (Describe Above)

Method of Shipment:
Sample Condition Upon Receipt:
Received on Ice? Check if Yes: ☐

Relinquished by: M Haviland Date/Time: 1/31/24 1350
Received by: Date/Time: 1/31/24 1:55p

Relinquished by: Date/Time:
Received by: Colleen Palladino Date/Time: 1/31/24 1:55PM

☐ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EXHIBIT 'C'

Environmental Chemistry Chain of Custody

EMSL ANALYTICAL, INC.

EMSL Order Number / Lab Use Only: AC068560

EMSL Analytical, Inc.
200 Rt. 130 N
Cinnaminson, NJ 08077
PHONE: (800) 220-3675
EMAIL: EnvChemistry2@EMSL.com

Customer Information

Customer ID:
Company Name: ENVIRONMENTAL CONNECTION
Contact Name: DOM DERCOLE
Street Address:
City, State, Zip: Country:
Phone:
Email(s) for Report:

Billing Information

Billing ID:
Company Name:
Billing Contact:
Street Address:
City, State, Zip: Country:
Phone:
Email(s) for Invoice:

Project Name/No: 23581-01
Purchase Order:

EMSL LIMS Project ID: (If applicable, EMSL will provide)
US State where samples collected: NJ
State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-Taxable)

Samples for Compliance? ☐ Yes ☐ No
If Yes, for NPDES? ☐ Yes ☐ No
Other (Specify)
PWS ID:
State Reporting Required? ☐ Yes ☐ No

Samples Collected by (Check One): ☐ EMSL ☒ CLIENT
Samples Received Chilled? ☐ Yes ☐ No
Sample(s) Temperature Upon Receipt (LAB ONLY)

Sampled By Name: M HAVILAND
Sampled By Signature: M Haviland
No. of Samples in Shipment:

Turn-Around-Time (TAT) Standard Turn-Around-Time: ☒ 2 Weeks
The following TAT's are subject to Lab approval. Call lab to confirm TAT before submittal: ☐ 1 Week ☐ 4 Days ☐ 3 Days ☐ 2 Days ☐ 1 Day

	Client Sample ID	Comp	Grab	Date / Time Collected	Matrix (W=Water, S=Soil, A=Air, SL=Sludge, O=Other)	Preservative (1 HCL, 2 HNO3, 3 H2SO4, 4 ICE, 5 Other)	Test 1: PCB	Test 2:	Test 3:	Test 4:	Test 5:	Test 6:	Test 7:	Test 8:	Comments
1	PCB1 DD013124	☐	☐	1/31/24 1250	O		☐	☐	☐	☐	☐	☐	☐	☐	
2	PCB2 DD013124	☐	☐	1/31/24 1240	O		☐	☐	☐	☐	☐	☐	☐	☐	
3	PCB3 DD013124	☐	☐	1/31/24 1235P	O		☐	☐	☐	☐	☐	☐	☐	☐	
4	PCB4 DD013124	☐	☐	1/31/24 1300	O		☐	☐	☐	☐	☐	☐	☐	☐	

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

21.3°C rec'd in plastic 2/9

Reporting Requirements: ☐ Results Only ☐ Results and QC ☐ Reduced Deliverables ☐ Hzresults EDD ☐ Excel ☐ Other (Describe Above)

Method of Shipment:
Sample Condition Upon Receipt:
Received on Ice? Check if Yes: ☐

Relinquished by: M Haviland — Date/Time: 1/31/24 1350
Received by: Colleen Palladino — Date/Time: 1/31/24 1:55PM

Relinquished by: — Date/Time:
Received by: — Date/Time: 1/31/24 1:55p

Controlled Document - COC-07 Chemistry R12 11/07/2023

☐ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EXHIBIT 'C'

APPENDIX IV

ASBESTOS CONTAINING MATERIAL INVENTORY

EXHIBIT 'C'

EC Environmental Connection Inc
120 N. Warren Street Trenton, NJ 08608 Tel. (609) 392-4200 Fax (609) 392-1216

Project: **Asbestos Containing Material Inventory**

ASBESTOS HAZARD EMERGENCY RESPONSE ACT (AHERA)

Client: New Jersey Department of Human Services
Trenton, NJ

Job Location: The Learning Center
Future South Regional Medical Examiners Office
West Almond Road
Vineland, NJ 08630

Attention: Christian Casteel
Director, Office of Property Mgmt. and Constr.

Project #: 23581-01

Survey Date: January 2024

Bldg. Inspector(s): Mike Moore
Asbestos Building Inspector
Certification # 935129
Expirate Date: 06/02/24

Dominick Dercole
Asbestos Building Inspector
Certification # 943360
Expiration Date: 11/03/24

EXHIBIT 'C'

EC Environmental Connection Inc
120 N. Warren Street Trenton, NJ 08608 Tel. (609) 392-4200 Fax (609) 392-1216

Confirmed Asbestos Containing Materials (ACM) Index

Project #: 23581-01 **Client:** New Jersey Department of Human Services

Job Location: Future South Regional Medical Examiners **Building:** The Learning Center

Homogeneous Mat'l ID	Material Type	Material Description
05	Linoleum Flooring - M	Tan Linoleum Sheet Flooring
06	Linoleum Flooring - M	Orange Linoleum Sheet Flooring
17	Floor Tile - M	12" Gray Floor Tile with White and Brown Specks
17A	Mastic - M	Mastic associated with 12" Gray Floor Tile with White and Brown Specks
21	Floor Tile - M	12" Tan Floor Tile with Green Specks
21A	Mastic - M	Mastic associated with 12" Tan Floor Tile with Green Specks
31	Sealant - M	Black HVAC Duct Sealant

EXHIBIT 'C'

EC Environmental Connection Inc
120 N. Warren Street Trenton, NJ 08608 Tel. (609) 392-4200 Fax (609) 392-1216

Assumed Asbestos Containing Materials (ACM) Index

Project #:	23581-01	**Client:**	New Jersey Department of Human Services
Job Location:	Future South Regional Medical Examiners	**Building:**	The Learning Center

Homogeneous Mat'l ID	Material Type	Material Description
10	Panels - M	Panels Above Doors / Below Windows
25	Duct Vibration Collar - M	Vinyl Duct Vibration Collar
26	Ceiling Tile - M	2'x2' Ceiling Tile with Holes
27	Vapor Barrier - M	Vapor Barrier associated with Gym Hardwood Flooring
36	Panels - M	Exterior Metal Window Panels
37	Roofing - M	All Types and Layers of Roofing

EXHIBIT 'C'

EC Environmental Connection Inc
120 N. Warren Street Trenton, NJ 08608 Tel. (609) 392-4200 Fax (609) 392-1216

Non-Asbestos Containing Materials (Non-ACM) Index

Project #:	23581-01	**Client:**	New Jersey Department of Human Services
Job Location:	Future South Regional Medical Examiners	**Building:**	The Learning Center

Homogeneous Mat'l ID	Material Type	Material Description
01	Plaster - S	Rough Coat Plaster
01A	Plaster - S	Skim Coat Plaster
02	Ceiling Tile - M	1' Fissured and Textured Ceiling Tile
03	Drywall - M	Drywall / Sheetrock
03A	Joint Compound - M	Joint Compound associated with Drywall / Sheetrock
04	Cove Baseboard - M	4" Black Cove Baseboard
04A	Glue - M	Glue associated with 4" Black Cove Baseboard
07	Cove Baseboard - M	4" Brown Cove Baseboard
07A	Glue - M	Glue associated with 4" Brown Cove Baseboard
08	Carpet Glue - M	Yellow Carpet Glue
09	Ceiling Tile - M	2'x4' White Textured Ceiling Tile with Pin Holes
11	Grout - M	Grout associated with Restroom 1" Ceramic Floor Tile
12	Wetbed - M	Wetbed associated with Restroom 1" Ceramic Floor Tile
14	Floor Tile - M	12" Orange Floor Tile
15	Glue Dots - M	Glue Dots associated with Chalkboards / Tack Boards
16	Sink Undercoating - M	Gray Sink Undercoating
19	Ceiling Tile - M	2'x4' Dot-Fissure Ceiling Tile

EXHIBIT 'C'

Homogeneous Mat'l ID	Material Type	Material Description
20	Ceiling Tile - M	2'x4' Dot-Dash Ceiling Tile
22	Floor Tile - M	12" Tan Speckled Floor Tile
23	Floor Tile - M	12" Gray Speckled Floor Tile
23A	Mastic - M	Mastic associated with 12" Gray Speckled Floor Tile
24	Plaster - S	Single Coat Plaster Applied on I-Beams
28	Fire Curtains - M	Stage Curtains in Gym
29	Floor Tile - M	12" Brown Floor Tile with White and Brown Specks
30	Floor Tile - M	12" Cream Floor Tile associated with Brown and Gray Specks
30A	Glue - M	Glue associated with 12" Cream Floor Tile associated with Brown and Gray Specks
32	Floor Tile - M	12" Gray Floor Tile with Tan and White Streaks
33	Caulk - M	Exterior Window Caulk at Masonry
34	Caulk - M	Exterior Window Frame Caulk
35	Caulk - M	Exterior Expansion Joint Caulk

EXHIBIT 'C'

EC Environmental Connection Inc
120 N. Warren Street Trenton, NJ 08608 Tel. (609) 392-4200 Fax (609) 392-1216

Room Index

Project #: 23581-01 **Client:** New Jersey Department of Human Services

Job Location: Future South Regional Medical Examiners **Building:** The Learning Center

Room Number	Room Description
1001	Main Entrance Vestibule
1002	Hallway From Main Office to Exit
1003	Vestibule by Staff Lounge
1004	Security Room 152
1005	Ladies Room Vestibule
1005A	Ladies Room
1006	Men's Room Vestibule
1006A	Mens Room
1007	Office Room 151
1008	Classroom 9 Room 152
1008A	Bathroom
1009	Mechanical Room 153
1010	Room 154
1010A	Shower Between 1010 and 1011.
1011	Classroom in Room 155/156
1011A	Bathroom
1012	Classroom 11 Room 157

EXHIBIT 'C'

Room Number	Room Description
1012A	Bathroom
1013	Classroom 12 Room 158
1013A	Bathroom
1014	Vestibule
1015	Classroom 13 Room 149
1015A	Bathroom
1016	Classroom 14 Room 148
1016A	Bathroom
1017	Classroom 15 Room 147
1017A	Bathroom
1018	Classroom 16 Rom 146
1018A	Bathroom
1018B	Storage Room 1
1018C	Storage Room 2
1019	Classroom 17 Room 145
1019A	Bathroom
1019B	Storage Between Room 145 and 146
1020	Faculty Lounge
1020A	Bathroom
1021	Hallway to Classroom 13
1022	Classroom 143
1022A	Bathroom

EXHIBIT 'C'

Room Number	Room Description
1023	Office
1024	Mechanical Room
1024A	Mechanical Room Mezzanine
1025	Ladies Locker Room Vestibule
1025A	Ladies Locker Room
1025B	Emergency Exit Vestibule
1026	Mens Locker Room Vestibule
1026A	Mens Locker Room
1026B	Emergency Exit Vestibule
1027	Storage
1028	Vestibule by Mens Locker Room
1029	Gym
1030	Stage
1030A	Stage Vestibule
1031	Vestibule by Stage
1032	Mechanical Room 129
1033	Classroom 8 Room 128
1033A	Bathroom
1034	Loft / Mech Room
1035	Classroom 7 Room 128A
1035A	Bathroom
1035B	Electrical Panel Room

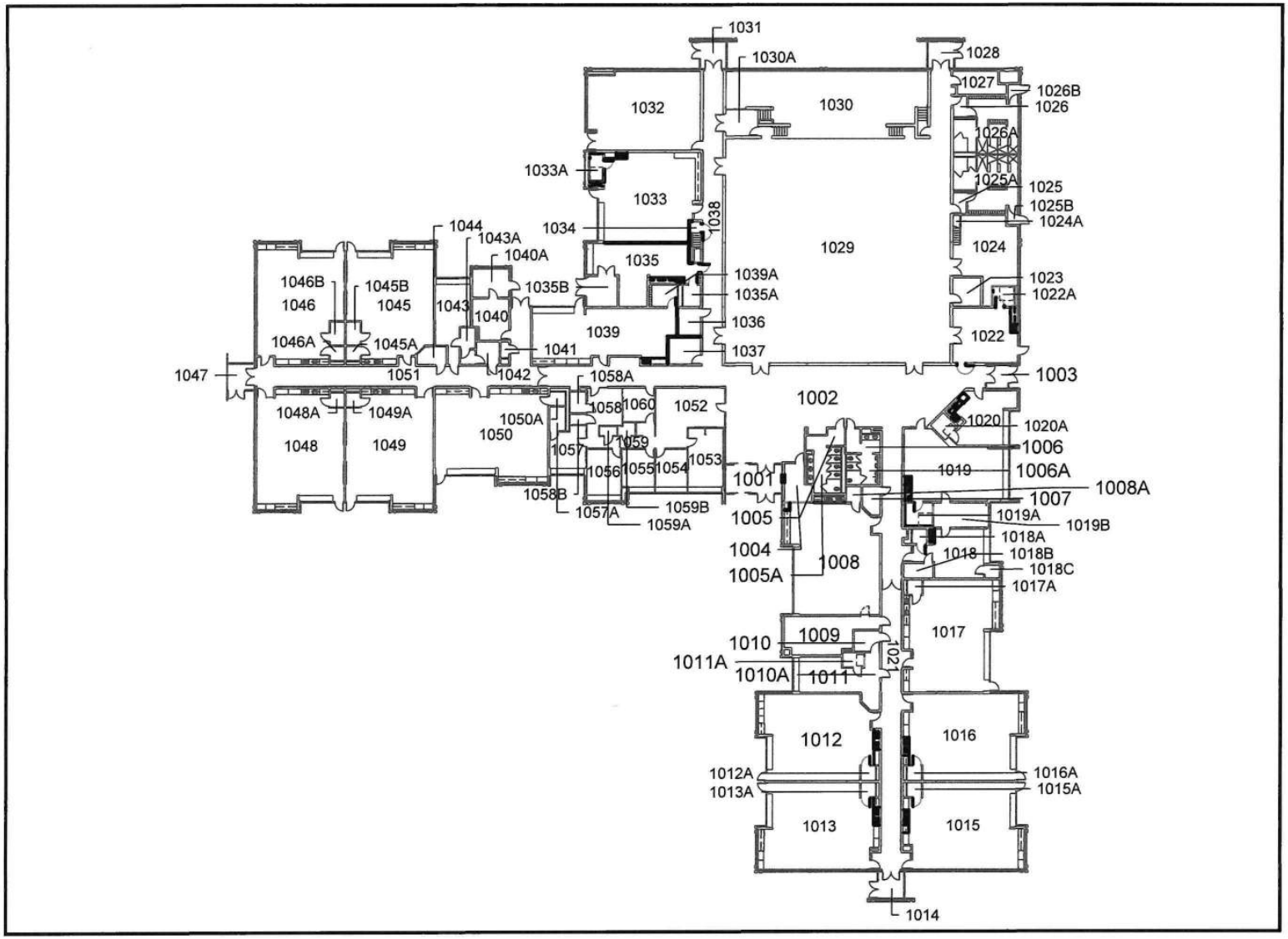
EXHIBIT 'C'

Room Number	Room Description
1036	Office
1037	Office Room 127
1038	Hallway from Main Office to Room 129
1039	Classroom 6 Room 126
1039A	Bathroom
1040	Maintenance Room 124
1040A	Storage
1041	Storage Room 123
1042	Office Room 122
1043	Nurses Office Room 121
1043A	Bathroom
1044	Observation Room 120
1045	Classroom 5 Room 119
1045A	Bathroom 1
1045B	Bathroom 2
1046	Classroom 4 Room 118
1046A	Bathroom 1
1046B	Bathroom 2
1047	Vestibule by Room 118
1048	Classroom 3 Room 115
1048A	Bathroom
1049	Classroom 2 Room 114

EXHIBIT 'C'

Room Number	Room Description
1050	Classroom 1 Room 113
1050A	Bathroom
1051	Hallway from Gym to Classroom 3
1052	Main Office Room 104
1053	Conference Room 105
1054	Office Room 106
1055	Office Room 107
1056	OT / PT Room 108
1057	SG 1 Room 109
1057A	Bathroom
1058	Work Room 112
1058A	Bathroom
1058B	Office Supplies Room 110C
1059	Hallway from Work Room to Main Office
1059A	Storage Room 110B
1059B	Storage Room 110A
1060	Copier Room 111

EXHIBIT 'C'



ENVIRONMENTAL CONNECTION INC
A Vertical Technologies Corporation
Environmental Consulting, Auditing & Investigations
120 North Warren Street
Trenton, NJ 08608
TEL: 609-392-4200 FAX: 609-392-1216
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No.	Date	Issue or Revision
01	02/14/24	Report

ENVIRONMENTAL BUILDING ASSESSMENT
VINELAND DEVELOPMENTAL CENTER WEST CAMPUS
WEST ALMOND ROAD, VINELAND, NEW JERSEY

Date: 02/14/2024
Scale: NTS
Drawn By: JBM
Project No: 23581-01

Drawing Title
FIRST FLOOR PLAN

Drawing No.
FP-01

EXHIBIT 'C'

EC Environmental Connection Inc
120 N. Warren Street Trenton, NJ 08608 Tel. (609) 392-4200 Fax (609) 392-1216

Assessment Report

Project #: 23581-01 **Client:** New Jersey Department of Human Services

Job Location: Future South Regional Medical Examiners **Building:** The Learning Center

Room # / Homo ID	Material Type	Functional Space	Total Amount	Damage Amount	Unit	Type of Damage	Level of Damage	Asbestos?	Response Action	Comment
1001	*Main Entrance Vestibule*									
05	Linoleum Flooring - M	Under Carpet	240	0	SF		No Damage	Yes-Tested	O&M	
1002	*Hallway From Main Office to Exit*									
05	Linoleum Flooring - M	Under Carpet	3220	0	SF		No Damage	Yes-Tested	O&M	
1003	*Vestibule by Staff Lounge*									
05	Linoleum Flooring - M	Under Carpet	64	0	SF		No Damage	Yes-Tested	O&M	
1004	*Security Room 152*									
06	Linoleum Flooring - M	Occupiable Space	135	0	SF		No Damage	Yes-Tested	O&M	
10	Panels - M	Occupiable Space	15	0	SF		No Damage	Yes-Assumed	O&M	Above Door
1005	*Ladies Room Vestibule*									
06	Linoleum Flooring - M	Occupiable Space	35	0	SF		No Damage	Yes-Tested	O&M	
10	Panels - M	Occupiable Space	15	0	SF		No Damage	Yes-Assumed	O&M	Above Door
1005A	*Ladies Room*									
13	Thinset - M	Behind Substrate	610	0	SF		No Damage	< 1%	N/A	
1006	*Men's Room Vestibule*									
06	Linoleum Flooring - M	Occupiable Space	48	0	SF		No Damage	Yes-Tested	O&M	
10	Panels - M	Occupiable Space	15	0	SF		No Damage	Yes-Assumed	O&M	

EXHIBIT 'C'

Room #	Homo ID	Material Type	Functional Space	Total Amount	Damage Amount	Unit	Type of Damage	Level of Damage	Asbestos?	Response Action	Comment
1006A	*Mens Room*										
	13	Thinset - M	Behind Substrate	550	0	SF		No Damage	< 1%	N/A	
1007	*Office Room 151*										
	10	Panels - M	Occupiable Space	15	0	SF		No Damage	Yes-Assumed	O&M	
1008	*Classroom 9 Room 152*										
	06	Linoleum Flooring - M	Occupiable Space	1150	0	SF		No Damage	Yes-Tested	O&M	
	10	Panels - M	Occupiable Space	45	0	SF		No Damage	Yes-Assumed	O&M	
	14	Floor Tile - M	Occupiable Space	120	0	SF		No Damage	No-Tested	N/A	
	14A	Mastic - M	Behind Substrate	120	0	SF		No Damage	< 1%	N/A	
1008A	*Bathroom*										
	13	Thinset - M	Behind Substrate	190	0	SF		No Damage	< 1%	N/A	
1009	*Mechanical Room 153*										
	10	Panels - M	Occupiable Space	15	0	SF		No Damage	Yes-Assumed	O&M	
	17	Floor Tile - M	Occupiable Space	380	0	SF		No Damage	Yes-Tested	O&M	
	17A	Mastic - M	Behind Substrate	380	0	SF		No Damage	Yes-Tested	O&M	
	18	Plumbers Paste - M	Above Drop Ceiling	20	0	LF		No Damage	< 1%	N/A	
1010	*Room 154*										
	06	Linoleum Flooring - M	Occupiable Space	48	0	SF		No Damage	Yes-Tested	O&M	
	10	Panels - M	Occupiable Space	15	0	SF		No Damage	Yes-Assumed	O&M	
1010A	*Shower Between 1010 and 1011.*										
	13	Thinset - M	Behind Substrate	135	0	SF		No Damage	< 1%	N/A	
1011	*Classroom in Room 155/156*										
	06	Linoleum Flooring - M	Under Carpet	350	0	SF		No Damage	Yes-Tested	O&M	

EXHIBIT 'C'

Room #	Room Description / Homo ID	Material Type	Functional Space	Total Amount	Damage Amount	Unit	Type of Damage	Level of Damage	Asbestos?	Response Action	Comment
	10	Panels - M	Occupiable Space	45	0	SF		No Damage	Yes-Assumed	O&M	
1011A	*Bathroom*										
	13	Thinset - M	Behind Substrate	210	0	SF		No Damage	< 1%	N/A	
1012	*Classroom 11 Room 157*										
	06	Linoleum Flooring - M	Occupiable Space	1250	0	SF		No Damage	Yes-Tested	O&M	
	10	Panels - M	Occupiable Space	45	0	SF		No Damage	Yes-Assumed	O&M	
	14	Floor Tile - M	Occupiable Space	10	0	SF		No Damage	No-Tested	N/A	
	14A	Mastic - M	Behind Substrate	10	0	SF		No Damage	< 1%	N/A	
1012A	*Bathroom*										
	13	Thinset - M	Behind Substrate	190	0	SF		No Damage	< 1%	N/A	
1013	*Classroom 12 Room 158*										
	06	Linoleum Flooring - M	Occupiable Space	1280	0	SF		No Damage	Yes-Tested	O&M	
	10	Panels - M	Occupiable Space	45	0	SF		No Damage	Yes-Assumed	O&M	
	14	Floor Tile - M	Occupiable Space	50	0	SF		No Damage	No-Tested	N/A	
	14A	Mastic - M	Behind Substrate	50	0	SF		No Damage	< 1%	N/A	
1013A	*Bathroom*										
	13	Thinset - M	Behind Substrate	190	0	SF		No Damage	< 1%	N/A	
1014	*Vestibule*										
	05	Linoleum Flooring - M	Under Carpet	100	0	SF		No Damage	Yes-Tested	O&M	
1015	*Classroom 13 Room 149*										
	06	Linoleum Flooring - M	Occupiable Space	1300	0	SF		No Damage	Yes-Tested	O&M	
	10	Panels - M	Occupiable Space	45	0	SF		No Damage	Yes-Assumed	O&M	
	14	Floor Tile - M	Occupiable Space	20	0	SF		No Damage	No-Tested	N/A	

EXHIBIT 'C'

Room #	Room Description / Homo ID	Material Type	Functional Space	Total Amount	Damage Amount	Unit	Type of Damage	Level of Damage	Asbestos?	Response Action	Comment
	14A	Mastic - M	Behind Substrate	20	0	SF		No Damage	< 1%	N/A	
1015A	*Bathroom*										
	13	Thinset - M	Behind Substrate	190	0	SF		No Damage	< 1%	N/A	
1016	*Classroom 14 Room 148*										
	06	Linoleum Flooring - M	Occupiable Space	1300	0	SF		No Damage	Yes-Tested	O&M	
	10	Panels - M	Occupiable Space	45	0	SF		No Damage	Yes-Assumed	O&M	
	14	Floor Tile - M	Occupiable Space	5	0	SF		No Damage	No-Tested	N/A	
	14A	Mastic - M	Behind Substrate	5	0	SF		No Damage	< 1%	N/A	
1016A	*Bathroom*										
	13	Thinset - M	Behind Substrate	190	0	SF		No Damage	< 1%	N/A	
1017	*Classroom 15 Room 147*										
	06	Linoleum Flooring - M	Occupiable Space	1200	0	SF		No Damage	Yes-Tested	O&M	
	10	Panels - M	Occupiable Space	45	0	SF		No Damage	Yes-Assumed	O&M	
	14	Floor Tile - M	Occupiable Space	51	0	SF		No Damage	No-Tested	N/A	
	14A	Mastic - M	Behind Substrate	51	0	SF		No Damage	< 1%	N/A	
1017A	*Bathroom*										
	13	Thinset - M	Behind Substrate	190	0	SF		No Damage	< 1%	N/A	
1018	*Classroom 16 Rom 146*										
	05	Linoleum Flooring - M	Occupiable Space	440	0	SF		No Damage	Yes-Tested	O&M	
	10	Panels - M	Occupiable Space	60	0	SF		No Damage	Yes-Assumed	O&M	
1018A	*Bathroom*										
	13	Thinset - M	Behind Substrate	190	0	SF		No Damage	< 1%	N/A	
1018B	*Storage Room 1*										

EXHIBIT 'C'

Room #	Room Description / Homo ID	Material Type	Functional Space	Total Amount	Damage Amount	Unit	Type of Damage	Level of Damage	Asbestos?	Response Action	Comment
	17	Floor Tile - M	Occupiable Space	70	0	SF		No Damage	Yes-Tested	O&M	
	17A	Mastic - M	Behind Substrate	70	0	SF		No Damage	Yes-Tested	O&M	
1018C	*Storage Room 2*										
	17	Floor Tile - M	Occupiable Space	20	0	SF		No Damage	Yes-Tested	O&M	
	17A	Mastic - M	Behind Substrate	20	0	SF		No Damage	Yes-Tested	O&M	
1019	*Classroom 17 Room 145*										
	05	Linoleum Flooring - M	Occupiable Space	750	0	SF		No Damage	Yes-Tested	O&M	
	10	Panels - M	Occupiable Space	115	0	SF		No Damage	Yes-Assumed	O&M	
1019B	*Storage Between Room 145 and 146*										
	21	Floor Tile - M	Occupiable Space	200	0	SF		No Damage	Yes-Tested	O&M	
	21A	Mastic - M	Behind Substrate	200	0	SF		No Damage	Yes-Tested	O&M	
1020	*Faculty Lounge*										
	10	Panels - M	Occupiable Space	30	0	SF		No Damage	Yes-Assumed	O&M	
	22	Floor Tile - M	Occupiable Space	190	0	SF			No-Tested	N/A	
	22A	Mastic - M	Behind Substrate	190	0	SF		No Damage	< 1%	N/A	
1020A	*Bathroom*										
	13	Thinset - M	Under Carpet	250	0	SF		No Damage	< 1%	N/A	
1021	*Hallway to Classroom 13*										
	05	Linoleum Flooring - M	Occupiable Space	1100	0	SF		No Damage	Yes-Tested	O&M	
1022	*Classroom 143*										
	06	Linoleum Flooring - M	Occupiable Space	480	0	SF		No Damage	Yes-Tested	O&M	
	10	Panels - M	Occupiable Space	18	0	SF		No Damage	Yes-Assumed	O&M	
1023	*Office*										

EXHIBIT 'C'

Room #	Room Description / Homo ID	Material Type	Functional Space	Total Amount	Damage Amount	Unit	Type of Damage	Level of Damage	Asbestos?	Response Action	Comment
	10	Panels - M	Occupiable Space	15	0	SF		No Damage	Yes-Assumed	O&M	
1024	*Mechanical Room*										
	10	Panels - M	Occupiable Space	15	0	SF			Yes-Assumed	O&M	
	18	Plumbers Paste - M	Occupiable Space	25	0	SF		No Damage	< 1%	N/A	
	21	Floor Tile - M	Occupiable Space	420	0	SF			Yes-Tested	O&M	
	21A	Mastic - M	Behind Substrate	420	0	SF			Yes-Tested	O&M	
1024A	*Mechanical Room Mezzanine*										
	18	Plumbers Paste - M	Mechanical Space	15	0	SF		No Damage	< 1%	N/A	
	25	Duct Vibration Collar - M	Mechanical Space	35	0	SF			Yes-Assumed	O&M	
1025	*Ladies Locker Room Vestibule*										
	10	Panels - M	Occupiable Space	15	0	SF			Yes-Assumed	O&M	
	17	Floor Tile - M	Occupiable Space	28	0	SF			Yes-Tested	O&M	
	17A	Mastic - M	Behind Substrate	28	0	SF			Yes-Tested	O&M	
1025A	*Ladies Locker Room*										
	10	Panels - M	Occupiable Space	15	0	SF			Yes-Assumed	O&M	
	13	Thinset - M	Behind Substrate	1300	0	SF		No Damage	< 1%	N/A	
1025B	*Emergency Exit Vestibule*										
	10	Panels - M	Occupiable Space	15	0	SF			Yes-Assumed	O&M	
	17	Floor Tile - M	Occupiable Space	32	0	SF			Yes-Tested	O&M	
	17A	Mastic - M	Behind Substrate	32	0	SF			Yes-Tested	O&M	
1026	*Mens Locker Room Vestibule*										
	10	Panels - M	Occupiable Space	15	0	SF			Yes-Assumed	O&M	
	17	Floor Tile - M	Occupiable Space	28	0	SF			Yes-Tested	O&M	

EXHIBIT 'C'

Room #	Room Description / Homo ID	Material Type	Functional Space	Total Amount	Damage Amount	Unit	Type of Damage	Level of Damage	Asbestos?	Response Action	Comment
	17A	Mastic - M	Behind Substrate	28	0	SF			Yes-Tested	O&M	
1026A	*Mens Locker Room*										
	10	Panels - M	Occupiable Space	15	0	SF			Yes-Assumed	O&M	
	13	Thinset - M	Behind Substrate	1300	0	SF		No Damage	< 1%	N/A	
1026B	*Emergency Exit Vestibule*										
	10	Panels - M	Occupiable Space	15	0	SF		No Damage	Yes-Assumed	O&M	
	17	Floor Tile - M	Occupiable Space	32	0	SF		No Damage	Yes-Tested	O&M	
	17A	Mastic - M	Behind Substrate	32	0	SF		No Damage	Yes-Tested	O&M	
1027	*Storage*										
	17	Floor Tile - M	Occupiable Space	140	0	SF		No Damage	Yes-Tested	O&M	
	17A	Mastic - M	Behind Substrate	140	0	SF			Yes-Tested	O&M	
1028	*Vestibule by Mens Locker Room*										
	05	Linoleum Flooring - M	Occupiable Space	100	0	SF			Yes-Tested	O&M	
1029	*Gym*										
	26	Ceiling Tile - M	Occupiable Space	7040	0	SF		No Damage	Yes-Assumed	O&M	
	27	Vapor Barrier - M	Behind Substrate	7040	0	SF		No Damage	Yes-Assumed	O&M	
1030	*Stage*										
	27	Vapor Barrier - M	Behind Substrate	850	0	SF		No Damage	Yes-Assumed	O&M	
1030A	*Stage Vestibule*										
	05	Linoleum Flooring - M	Occupiable Space	120	0	SF		No Damage	Yes-Tested	O&M	
	10	Panels - M	Occupiable Space	30	0	SF		No Damage	Yes-Assumed	O&M	
1031	*Vestibule by Stage*										
	05	Linoleum Flooring - M	Under Carpet	90	0	SF		No Damage	Yes-Tested	O&M	

EXHIBIT 'C'

Room #	Room Description / Homo ID	Material Type	Functional Space	Total Amount	Damage Amount	Unit	Type of Damage	Level of Damage	Asbestos?	Response Action	Comment
1032	*Mechanical Room 129*										
	10	Panels - M	Mechanical Space	15	0	SF		No Damage	Yes-Assumed	O&M	
1033	*Classroom 8 Room 128*										
	05	Linoleum Flooring - M	Occupiable Space	840	0	SF			Yes-Tested	O&M	
	10	Panels - M	Occupiable Space	15	0	SF			Yes-Assumed	O&M	
	22	Floor Tile - M	Occupiable Space	180	0	SF		No Damage	No-Tested	N/A	
	22A	Mastic - M	Behind Substrate	180	0	SF		No Damage	< 1%	N/A	
	29	Floor Tile - M	Occupiable Space	15	0	SF		No Damage	No-Tested	N/A	
	29A	Glue - M	Behind Substrate	15	0	SF		No Damage	< 1%	N/A	
1034	*Loft / Mech Room*										
	18	Plumbers Paste - M	Occupiable Space	12	0	SF		No Damage	< 1%	N/A	
	22	Floor Tile - M	Mechanical Space	12	0	SF			No-Tested	N/A	
	22A	Mastic - M	Mechanical Space	12	0	SF		No Damage	< 1%	N/A	
	25	Duct Vibration Collar - M	Mechanical Space	12	0	SF			Yes-Assumed	O&M	
1035	*Classroom 7 Room 128A*										
	05	Linoleum Flooring - M	Occupiable Space	420	0	SF			Yes-Tested	O&M	
	17	Floor Tile - M	Occupiable Space	120	0	SF		No Damage	Yes-Tested	O&M	
	17A	Mastic - M	Behind Substrate	120	0	SF			Yes-Tested	O&M	
1035A	*Bathroom*										
	13	Thinset - M	Behind Substrate	190	0	SF		No Damage	< 1%	N/A	
1035B	*Electrical Panel Room*										
	17	Floor Tile - M	Mechanical Space	120	0	SF			Yes-Tested	O&M	
	17A	Mastic - M	Mechanical Space	120	0	SF		No Damage	Yes-Tested	O&M	

EXHIBIT 'C'

Room #	Room Description / Homo ID	Material Type	Functional Space	Total Amount	Damage Amount	Unit	Type of Damage	Level of Damage	Asbestos?	Response Action	Comment
	18	Plumbers Paste - M	Mechanical Space	8	0	SF		No Damage	< 1%	N/A	
1037	*Office Room 127*										
	10	Panels - M	Occupiable Space	15	0	SF			Yes-Assumed	O&M	
1038	*Hallway from Main Office to Room 129*										
	05	Linoleum Flooring - M	Under Carpet	620	0	SF			Yes-Tested	O&M	
1039	*Classroom 6 Room 126*										
	10	Panels - M	Occupiable Space	30	0	SF		No Damage	Yes-Assumed	O&M	
1039A	*Bathroom*										
	13	Thinset - M	Behind Substrate	310	0	SF		No Damage	< 1%	N/A	
1040	*Maintenance Room 124*										
	17	Floor Tile - M	Occupiable Space	195	0	SF			Yes-Tested	O&M	
	17A	Mastic - M	Behind Substrate	195	0	SF			Yes-Tested	O&M	
1040A	*Storage*										
	18	Plumbers Paste - M	Occupiable Space	4	0	SF		No Damage	< 1%	N/A	
1041	*Storage Room 123*										
	10	Panels - M	Occupiable Space	15	0	SF			Yes-Assumed	O&M	
	21	Floor Tile - M	Occupiable Space	12	0	SF			Yes-Tested	O&M	
	21A	Mastic - M	Behind Substrate	12	0	SF			Yes-Tested	O&M	
1042	*Office Room 122*										
	05	Linoleum Flooring - M	Occupiable Space	64	0	SF		No Damage	Yes-Tested	O&M	
	10	Panels - M	Occupiable Space	15	0	SF		No Damage	Yes-Assumed	O&M	
1043	*Nurses Office Room 121*										
	05	Linoleum Flooring - M	Occupiable Space	375	0	SF		No Damage	Yes-Tested	O&M	

EXHIBIT 'C'

Room #	Room Description / Homo ID	Material Type	Functional Space	Total Amount	Damage Amount	Unit	Type of Damage	Level of Damage	Asbestos?	Response Action	Comment
	10	Panels - M	Occupiable Space	30	0	SF		No Damage	Yes-Assumed	O&M	
1043A	*Bathroom*										
	13	Thinset - M	Behind Substrate	360	0	SF		No Damage	< 1%	N/A	
1044	*Observation Room 120*										
	10	Panels - M	Occupiable Space	15	0	SF			Yes-Assumed	O&M	
1045	*Classroom 5 Room 119*										
	10	Panels - M	Occupiable Space	30	0	SF			Yes-Assumed	O&M	
	32	Floor Tile - M	Occupiable Space	1350	0	SF		No Damage	No-Tested	N/A	
	32A	Mastic - M	Behind Substrate	1350	0	SF		No Damage	< 1%	N/A	
1045A	*Bathroom 1*										
	13	Thinset - M	Behind Substrate	250	0	SF		No Damage	< 1%	N/A	
1045B	*Bathroom 2*										
	13	Thinset - M	Behind Substrate	250	0	SF		No Damage	< 1%	N/A	
1046	*Classroom 4 Room 118*										
	10	Panels - M	Occupiable Space	30	0	SF			Yes-Assumed	O&M	
	32	Floor Tile - M	Occupiable Space	1350	0	SF		No Damage	No-Tested	N/A	
	32A	Mastic - M	Behind Substrate	1350	0	SF		No Damage	< 1%	N/A	
1046A	*Bathroom 1*										
	13	Thinset - M	Behind Substrate	250	0	SF		No Damage	< 1%	N/A	
1046B	*Bathroom 2*										
	13	Thinset - M	Behind Substrate	250	0	SF		No Damage	< 1%	N/A	
1047	*Vestibule by Room 118*										
	05	Linoleum Flooring - M	Occupiable Space	60	0	SF		No Damage	Yes-Tested	O&M	
1048	*Classroom 3 Room 115*										

EXHIBIT 'C'

Room #	Room Description / Homo ID	Material Type	Functional Space	Total Amount	Damage Amount	Unit	Type of Damage	Level of Damage	Asbestos?	Response Action	Comment
	05	Linoleum Flooring - M	Occupiable Space	1350	0	SF		No Damage	Yes-Tested	O&M	
	10	Panels - M	Occupiable Space	45	0	SF		No Damage	Yes-Assumed	O&M	
1048A	*Bathroom*										
	13	Thinset - M	Behind Substrate	210	0	SF		No Damage	< 1%	N/A	
1049	*Classroom 2 Room 114*										
	05	Linoleum Flooring - M	Occupiable Space	1350	0	SF		No Damage	Yes-Tested	O&M	
	10	Panels - M	Occupiable Space	45	0	SF			Yes-Assumed	O&M	
1050	*Classroom 1 Room 113*										
	05	Linoleum Flooring - M	Occupiable Space	1300	0	SF		No Damage	Yes-Tested	O&M	
	10	Panels - M	Occupiable Space	45	0	SF		No Damage	Yes-Assumed	O&M	
	29	Floor Tile - M	Occupiable Space	20	0	SF		No Damage	No-Tested	N/A	
	29A	Glue - M	Behind Substrate	20	0	SF		No Damage	< 1%	N/A	
1050A	*Bathroom*										
	13	Thinset - M	Behind Substrate	200	0	SF		No Damage	< 1%	N/A	
1051	*Hallway from Gym to Classroom 3*										
	05	Linoleum Flooring - M	Under Carpet	1200	0	SF			Yes-Tested	O&M	
1052	*Main Office Room 104*										
	10	Panels - M	Occupiable Space	120	0	SF		No Damage	Yes-Assumed	O&M	
1053	*Conference Room 105*										
	10	Panels - M	Occupiable Space	15	0	SF			Yes-Assumed	O&M	
1054	*Office Room 106*										
	10	Panels - M	Occupiable Space	45	0	SF			Yes-Assumed	O&M	
1055	*Office Room 107*										

EXHIBIT 'C'

Room #	Room Description / Homo ID	Material Type	Functional Space	Total Amount	Damage Amount	Unit	Type of Damage	Level of Damage	Asbestos?	Response Action	Comment
	10	Panels - M	Occupiable Space	45	0	SF			Yes-Assumed	O&M	
1056	*OT / PT Room 108*										
	10	Panels - M	Occupiable Space	30	0	SF			Yes-Assumed	O&M	
1057	*SG 1 Room 109*										
	10	Panels - M	Occupiable Space	30	0	SF		No Damage	Yes-Assumed	O&M	
1057A	*Bathroom*										
	13	Thinset - M	Behind Substrate	250	0	SF		No Damage	< 1%	N/A	
1058	*Work Room 112*										
	10	Panels - M	Occupiable Space	60	0	SF		No Damage	Yes-Assumed	O&M	
1058A	*Bathroom*										
	13	Thinset - M	Behind Substrate	210	0	SF		No Damage	< 1%	N/A	
1059A	*Storage Room 110B*										
	17	Floor Tile - M	Occupiable Space	20	0	SF			Yes-Tested	O&M	
	17A	Mastic - M	Behind Substrate	20	0	SF			Yes-Tested	O&M	
1059B	*Storage Room 110A*										
	17	Floor Tile - M	Occupiable Space	20	0	SF			Yes-Tested	O&M	
	17A	Mastic - M	Behind Substrate	20	0	SF			Yes-Tested	O&M	
1060	*Copier Room 111*										
	10	Panels - M	Occupiable Space	30	0	SF		No Damage	Yes-Assumed	O&M	

EXHIBIT 'C'

APPENDIX V

CERTIFICATIONS/ACCREDITATIONS

EXHIBIT 'C'


Lead Identification Permit
New Jersey Department of Health
DOMINICK M DERCOLE
Permit No.: 038863
ID No.: 028808
Expires: 10/15/2024
Authorization Signature:
Christina Tan, MD, M.P.H., Assistant Commissioner
Inspector/Risk Assessor

EXHIBIT 'C'

New York State Department of Health Certificate of Asbestos Safety Training

This form is the official record of successful completion of a New York State accredited asbestos safety training course.

Certificate No. 935129

I –To be completed by Trainee

Name of Trainee (print)	NYS Depart. of Motor Vehicles ID (DMV ID)[1]	
Michael Morse	[redacted]	
Signature of Trainee	Telephone Number	Date of Birth[1]
	[redacted]	
Address [redacted]		
(Street or PO Box) (City) (State) (Zip Code)		

II—To be completed by Training Sponsor

Provider's Name	Telephone Number
Big Apple Occupational Safety Corp 505 Eighth Avenue # 2305 New York Ny 10018 212-564-7656 www.baos.com	
Address Zip Code	Course Location:

Course Title: Asbestos Inspector ☐ Initial ☑ Refresher ☐ DOH Equivalency[2] *NYS DOH use only*

Training Language: ☑ English ☐ Other: _____ Exam Grade/Date: 80% 06/02/23

Dates of Training: From: 06/02/23 To: 06/02/23 Expires: 06/02/24

I certify that the asbestos safety training course given on the above date complied with both 10 NYCRR Part 73 and TSCA Title II, was consistent with the curriculum and instructors approved by the New York State Department of Health, and the trainee receiving this certificate completed the training course and successfully passed the examination.

Training Director[2]: Radha Reddy (Print) _____ (Signature)

DOH-2832 (10/03) [1] Optional Information [2] DOH Equivalency signed by NYS DOH representative only

DEPT. OF LABOR

EXHIBIT 'C'

64059

NAETI

CERTIFICATE OF COMPLETION

AHERA/EPA Accredited Per 40 CFR Part 763
Asbestos Accreditation under TSCA Title II

True Copy
DM

Michael Haviland

Successfully completed the course entitled

1/2-Day New York State/EPA/AHERA Asbestos Building Inspector Annual Refresher on April 3rd, 2023

Examination Date on April 3rd, 2023

Expiration Date on April 3rd, 2024

Steve Leon
Training Director, NAETI

Per 10 NYCRR Part 73.2 (L) (1), DOH 2832 Certificate of Completion of Asbestos Safety Training is the only official record of training for N.Y.S. students.

Language: English

ABIH 1/2 CM POINT

3321 Doris Avenue, Building B, Ocean, NJ 07712 Phone (732) 531-5571 Fax (732) 531-5956 www.naeti.com

EXHIBIT 'C'

United States Department of Commerce
National Institute of Standards and Technology

Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101048-0

EMSL Analytical, Inc.

Cinnaminson, NJ

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

Asbestos Fiber Analysis

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

2023-07-01 through 2024-06-30

Effective Dates

For the National Voluntary Laboratory Accreditation Program

EXHIBIT 'C'

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
Ms. Samantha Rundstrom
Phone: 856-303-2577
Email: srundstrom@emsl.com
http://www.emsl.com

ASBESTOS FIBER ANALYSIS **NVLAP LAB CODE 101048-0**

Bulk Asbestos Analysis

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

Airborne Asbestos Analysis

Code	*Description*
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

For the National Voluntary Laboratory Accreditation Program

EXHIBIT 'C'

AIHA Laboratory Accreditation Programs, LLC

acknowledges that

EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Laboratory ID: LAP-100194

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA LAP), LLC accreditation to the ISO/IEC 17025:2017 international standard, General Requirements for the Competence of Testing and Calibration Laboratories in the following:

LABORATORY ACCREDITATION PROGRAMS

☑	**INDUSTRIAL HYGIENE**	Accreditation Expires: January 01, 2025
☑	**ENVIRONMENTAL LEAD**	Accreditation Expires: January 01, 2025
☑	**ENVIRONMENTAL MICROBIOLOGY**	Accreditation Expires: January 01, 2025
☐	**FOOD**	Accreditation Expires:
☐	**UNIQUE SCOPES**	Accreditation Expires:

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached Scope of Accreditation. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2017 and AIHA LAP, LLC requirements. This certificate is not valid without the attached Scope of Accreditation. Please review the AIHA LAP, LLC website (www.aihaaccreditedlabs.org) for the most current Scope.

Cheryl O. Morton

Cheryl O Morton
Managing Director, AIHA Laboratory Accreditation Programs, LLC

Revision20: 06/07/2022

Date Issued: 01/01/2023

EXHIBIT 'C'

AIHA Laboratory Accreditation Programs, LLC

SCOPE OF ACCREDITATION

EMSL Analytical, Inc.
200 Route 130 North Cinnaminson, NJ 08077

Laboratory ID: LAP-100194
Issue Date: 01/01/2023

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or withdrawal of accreditation.

The EPA recognizes the AIHA LAP, LLC ELLAP program as meeting the requirements of the National Lead Laboratory Accreditation Program (NLLAP) established under Title X of the Residential Lead-Based Paint Hazard Reduction Act of 1992 and includes paint, soil and dust wipe analysis. Air and composited wipes analyses are not included as part of the NLLAP.

Environmental Lead Laboratory Accreditation Program (ELLAP)

Initial Accreditation Date: 01/18/1995

Component, parameter or characteristic tested	Technology sub-type/Detector	Method	Method Description *(for internal methods only)*
Airborne Dust	AA	NIOSH 7082	N/A
Composited Wipes	AA	EPA SW-846 3050B	N/A
		EPA SW-846 7000B	N/A
Paint	AA	EPA SW-846 3050B	N/A
		EPA SW-846 7000B	N/A
Settled Dust by Wipe	AA	EPA SW-846 3050B	N/A
		EPA SW-846 7000B	N/A
Soil	AA	EPA SW-846 3050B	N/A
		EPA SW-846 7000B	N/A

A complete listing of currently accredited ELLAP laboratories is available on the AIHA LAP, LLC website at: *http://www.aihaaccreditedlabs.org*

EXHIBIT 'C'

EXHIBIT H – COST ESTIMATES

EXHIBIT 'C'

LAMMEY & GIORGIO ARCHITECTS
VINELAND DEVELOPMENT CENTER, WEST CAMPUS
SOUTHERN REGIONAL MEDICAL EXAMINER'S OFFICE
VINELAND, NEW JERSEY
ASSUMPTIONS, NOTES - ORDER OF MAGNITUDE

ICI #: 222658
Prep: mcf
Date: 3/1/2024
Revised:

1 Information used in preparation of this Estimate includes:
A. Lammey & Giorgio Architects Existng Plan, New Block Plan, Civil Plan & Program undated, received by ICI 2/15/2024.
B. Lammey & Giorgio Architects Civil and MEP narrative, undated, received by ICI 2/15/2024.

2 The Project is based on the following gross building areas:

Existng Building Renovations	44,355	SF
Addition	1,645	SF
Total	**46,000**	SF

3 This Estimate is developed and documented according to the Construction Specification Institute (CSI) Code of Accounts

4 This Estimate is based on first quarter, 2024 construction unit prices. No escalation has been included. Once a construction period has been established the appropriate escalation factor, calculated to the mid point of Construction, based on 5% per year must be added.

5 This estimate is based on the following labor rates: Prevailing Wage

6 No Overtime or Premium time work is included with the exception of any allowance indicated in the details.

7 The unit prices used in the estimate are a combined labor & material unit price, and are based on numerous sources, including our in-house data base developed during the completion of more than 300 estimates per year, feedback and reconciliations with contractors, subcontractors and suppliers, and nationally published databases such as RS Means, Walker, and Saylor.

8 The purpose of this estimate is to establish a Order of Magnitude Budget for the described work. Once more detailed Investigations and design have been completed, the Estimate should be revised and updated.

221 CHESTNUT STREET, SUITE 200
PHILADELPHIA, PA 19106

TEL 215-923-8888
FAX 215-592-8989
E-MAIL info@iciconst.com

EXHIBIT 'C'

PROJECT COST ANALYSIS

DPMC NUMBER: _____

Date: 3/1/2024

Project Phase: **Program**

Project Name: **SOUTHERN REGIONAL MEDICAL EXAMINER'S OFFICE**

Location: **VINELAND DEVELOPMENT CENTER, WEST CAMPUS**

Cost Phase "C" - Construction			
1 General Construction		19,173,337	
2 Structural Steel		265,457	
3 Plumbing		329	
4 HVAC		5,016,410	
5 Electrical		4,455,365	
6.a Other Trades (specify):			
6.b Other Trades (specify):			
7 TOTAL CONSTRUCTION COST ESTIMATE (CCE) (Lines 1 thru 6)			**28,910,897**
Cost Phase "D" - Design			
8 Consultant Design Fee			
9 Consultant Construction Administration Fee			
10 Asbestos Remediation Design Fee			
11 Asbestos Monitoring Fees			
12 Survey Services			
13 Testing Services			
14 Roofing Inspection			
15 Other (specify):	A/E services under C0939-00		
16 TOTAL DESIGN SERVICES (Lines 8 thru 15)			**0**
Cost Phase "K" - Affirmative Action			
17 Affirmative Action	(1/2 % of Line 7)		**144,554**
Cost Phase "M " - Management Fees			
18 DPMC Management Fee	(8% of Line 7)		**2,312,872**
Cost Phase "N" - Construction Management			
19 Construction Management Services (CM/CPM)			**0**
Cost Phase "O" - Contingency			
20 Construction	(10% of Line 7)	2,891,090	
21 Design	(10% of Line 16)	0	
22 TOTAL PROJECT CONTINGENCY (Lines 20 & 21)			**2,891,090**
Cost Phase "P" - Permits			
23 U.C.C. (DCA or DPMC) Plan Review Fee		216,832	
24 U.C.C. Permit/Field Inspection/C.O. Fee		216,832	
25 Soil Conservation			
26 Other (specify):			
27 TOTAL PERMIT FEES (Lines 23 thru 26)			**433,663**
Cost Phase "R" - Arts Inclusion			
28 Arts Inclusion Allowance			**0**
Cost Phase "B" - Other Costs			
29 Other (specify):			
30 Other (specify):			
31 TOTAL OTHER COSTS (Lines 29 & 30)			**0**
32 CURRENT WORKING ESTIMATE (CWE) (Lines 7+16+17+18+19+22+27+28+31)			**$34,693,076**

DPMC-38 Revised 6/4/18

EXHIBIT 'C'

LAMMEY & GIORGIO ARCHITECTS
VINELAND DEVELOPMENT CENTER, WEST CAMPUS
SOUTHERN REGIONAL MEDICAL EXAMINER'S OFFICE
VINELAND, NEW JERSEY

ICI #: 222658
Prep: mcf
Date: 3/1/2024
Revised:

ORDER OF MAGNITUDE COST ESTIMATE - RENOVATE EXISTNG BUILDING

Acct	Description		Cost/SF *46,000*	Amount
1.0	General Conditions		*$ 32.85*	$ 1,511,115
1.2	General Requirements & Temporary Protection		*$ 32.85*	1,511,115
2.0	Existing Conditions		*$ 18.87*	867,825
3.0	Concrete		*$ 5.06*	232,920
4.0	Masonry		*$ 7.92*	364,500
5.0	Metals		*$ 4.02*	185,000
6.0	Woods & Plastics		*$ 6.50*	299,000
7.0	Moisture Protection		*$ 41.53*	1,910,275
8.0	Openings		*$ 30.34*	1,395,500
9.0	Finishes		*$ 57.63*	2,650,900
10.0	Specialties		*$ 4.25*	195,500
11.0	Equipment		*$ 39.93*	1,836,550
12.0	Furnishings		*$ 1.98*	91,125
13.0	Special Construction		$ -	-
14.0	Conveying Systems		$ -	-
21.0	Fire Suppression		*$ 7.63*	351,000
22.0	Plumbing		*$ 23.46*	1,079,100
23.0	HVAC		*$ 76.00*	3,496,000
26.0	Electrical		*$ 67.50*	3,105,000
31.0	Earthwork		*$ 6.14*	282,263
32.0	Exterior Improvements		*$ 30.43*	1,399,800
33.0	Utilities		*$ 8.82*	405,938
	Subtotal		*$ 503.70*	23,170,424
	Design Contingency	15.0%		3,475,564
	Fees, OH&P, Insurances, Permits	8.5%		2,264,909
	Escalation	0%		-
	TOTAL - RENOVATED BUILDING		*$ 628.50*	**28,910,897**

EXHIBIT 'C'

LAMMEY & GIORGIO ARCHITECTS
VINELAND DEVELOPMENT CENTER, WEST CAMPUS
SOUTHERN REGIONAL MEDICAL EXAMINER'S OFFICE
VINELAND, NEW JERSEY

ICI #: 222658
Prep: mcf
Date: 3/1/2024
Revised:

ORDER OF MAGNITUDE COST ESTIMATE - RENOVATE EXISTNG BUILDING

Acct	Description	Quantity	Unit	Unit Cost	Amount
1.0	**GENERAL CONDITIONS**				
	Site Management, Supervision, Coordination	7.5%			$ 1,511,115
	TOTAL				$ 1,511,115
1.2	**GENERAL REQUIREMENTS & TEMPORARY PROTECTION**				
	General Requirements - Quality Control, Temp. Utilities/Facilities, Clean Up, Site Office Expenses, Etc.	7.5%			$ 1,511,115
	TOTAL				$ 1,511,115
2.0	**EXISTING CONDITIONS**				
	Demolish/Remove - Interiors Walls, Doors, Finishes, MEP	44,355	SF	$ 12.50	$ 554,438
	- Roofing	44,355	SF	2.50	110,888
	- Windows (30%)	6,075	SF	15.00	91,125
	- Exterior Brick (40%)	8,100	SF	10.00	81,000
	- Exterior Wall Panels (30%)	6,075	SF	5.00	30,375
		-		-	-
	Asbestos/Lead Abatement, Remediation				Not Included
	TOTAL				$ 867,825
3.0	**CONCRETE**				
	Cut, Core, Patch Floor Slab as Required	44,355	SF	$ 1.50	$ 66,533
	New Foundation Wall, Footing	72	LF	175.00	12,600
	Slab on Grade	1,645	SF	17.50	28,788
	Loading Docks, Grading	1	LS	100,000.00	100,000
	Miscellaneous Foundations, Pads	1	LS	25,000.00	25,000
	TOTAL				$ 232,920
4.0	**MASONRY**				
	New Brick Water Table	8,100	SF	$ 45.00	$ 364,500
	TOTAL				$ 364,500
5.0	**METALS**				
	Reinforce Roof for Mechanical Equipment	1	LS	$ 100,000.00	$ 100,000
	Miscellaneous Metal Framing, Supports	1	LS	50,000.00	50,000
		-		-	-
	Ladders, Railings, Steps, Etc.	1	LS	35,000.00	35,000
	TOTAL				$ 185,000

EXHIBIT 'C'

LAMMEY & GIORGIO ARCHITECTS
VINELAND DEVELOPMENT CENTER, WEST CAMPUS
SOUTHERN REGIONAL MEDICAL EXAMINER'S OFFICE
VINELAND, NEW JERSEY

ICI #: 222658
Prep: mcf
Date: 3/1/2024
Revised:

ORDER OF MAGNITUDE COST ESTIMATE - RENOVATE EXISTNG BUILDING

Acct	Description		Quantity	Unit	Unit Cost	Amount
6.0	**WOODS & PLASTICS**					
	Rough Carpentry & Blocking		46,000	SF	$ 1.50	$ 69,000
	Millwork, Trim		46,000	SF	5.00	230,000
		TOTAL				$ 299,000
7.0	**MOISTURE PROTECTION**					
	Insulation, AVB - Exterior Wall		14,175	SF	$ 8.00	$ 113,400
	- Roof		46,000	SF	9.50	437,000
	New Roofing - Asphalt, Membrane, Flashing		46,000	SF	20.00	920,000
			-		-	-
	New Exterior Wall @ Loading Area Addition		1,300	SF	75.00	97,500
	New Metal Panels @ Existing Wall		6,075	SF	45.00	273,375
	Caulking, Sealants, Firesafeing, Walkway Pads		46,000	SF	1.50	69,000
		TOTAL				$ 1,910,275
8.0	**OPENINGS**					
	Doors, Frames, Hardware - Interior (Allow 1/200sf)		230	EA	$ 2,350.00	$ 540,500
	- Exterior		20	EA	4,000.00	80,000
			-		-	-
	Interior Glazing		46,000	SF	1.00	46,000
	Exterior Windows		6,075	SF	120.00	729,000
		TOTAL				$ 1,395,500
9.0	**FINISHES**					
	Partitions (Allow 9/LF per 100 sf)		4,140	LF	$ 185.00	$ 765,900
	Patch/Repair Perimeter Walls		1,350	LF	50.00	67,500
	Interior Finishes - Clinical Areas		25,940	SF	50.00	1,297,000
	- General Public Areas, Investigators		4,350	SF	40.00	174,000
	- Circulation, Miscellaneous Areas		7,390	SF	30.00	221,700
	- Building Support		8,320	SF	15.00	124,800
		TOTAL				$ 2,650,900
10.0	**SPECIALTIES**					
	Bathroom Accessories, Partitions		46,000	SF	$ 1.75	$ 80,500
	Miscellaneous Specialties		46,000	SF	2.50	115,000
		TOTAL				$ 195,500
11.0	**EQUIPMENT**					
	Equipment, Casework - Clinical Areas		25,940	SF	$ 65.00	$ 1,686,100
	- Other Areas		20,060	SF	7.50	150,450
		TOTAL				$ 1,836,550

EXHIBIT 'C'

LAMMEY & GIORGIO ARCHITECTS
VINELAND DEVELOPMENT CENTER, WEST CAMPUS
SOUTHERN REGIONAL MEDICAL EXAMINER'S OFFICE
VINELAND, NEW JERSEY

ICI #: 222658
Prep: mcf
Date: 3/1/2024
Revised:

ORDER OF MAGNITUDE COST ESTIMATE - RENOVATE EXISTNG BUILDING

Acct	Description		Quantity	Unit	Unit Cost	Amount
12.0	**FURNISHINGS**					
	Furniture		-		$ -	By Others
	Window Coverings		6,075	SF	15.00	91,125
		TOTAL				$ 91,125
21.0	**FIRE SUPPRESSION**					
	Sprinklers		46,000	SF	$ 6.00	$ 276,000
	Fire Pump, 50 HP		1	EA	75,000.00	75,000
		TOTAL				$ 351,000
22.0	**PLUMBING**					
	Plumbing Fixtures, Piping, Equipment - Clinical		25,940	SF	$ 30.00	$ 778,200
	- Other Areas		20,060	SF	15.00	300,900
		TOTAL				$ 1,079,100
23.0	**HVAC**					
	HVAC Equipment		46,000	SF	$ 28.50	$ 1,311,000
	- Distribution		46,000	SF	32.50	1,495,000
	Testing, Balancing, Controls		46,000	SF	15.00	690,000
		TOTAL				$ 3,496,000
26.0	**ELECTRICAL**					
	Electrical Panels, Feeders, Service Equipment		46,000	SF	$ 6.50	$ 299,000
	Branch Wiring, Conduit, Devices		46,000	SF	15.00	690,000
	Lighting, Controls		46,000	SF	20.00	920,000
	Tele/Data Outlets, Wiring		46,000	SF	6.00	276,000
	Fire Alarm		46,000	SF	6.50	299,000
	Low Voltage Systems - Security, A/V, Etc.		46,000	SF	10.00	460,000
					-	-
	Emergency Generator		46,000	SF	3.50	161,000
		TOTAL				$ 3,105,000
31.0	**EARTHWORK**					
	Erosion Control, Site Barriers, Fencing		1	LS	$ 100,000.00	$ 100,000
	Demolish House, Garage, Playgrounds		2,100	SF	25.00	52,500
						-
	Demolition, Rough Grade, Prep for Addition		1,645	SF	7.50	12,338
	- Paved Areas		67,100	SF	1.75	117,425
		TOTAL				$ 282,263

EXHIBIT 'C'

LAMMEY & GIORGIO ARCHITECTS
VINELAND DEVELOPMENT CENTER, WEST CAMPUS
SOUTHERN REGIONAL MEDICAL EXAMINER'S OFFICE
VINELAND, NEW JERSEY

ICI #: 222658
Prep: mcf
Date: 3/1/2024
Revised:

ORDER OF MAGNITUDE COST ESTIMATE - RENOVATE EXISTNG BUILDING

Acct	Description		Quantity	Unit	Unit Cost	Amount
32.0	**EXTERIOR IMPROVEMENTS**					
	New Bituminous Paving		7,455	SY	$ 60.00	$ 447,300
	Concrete Walks, Curbs, Etc.		1	LS	150,000.00	150,000
	Site Furniture, Signs, Line Panting		1	LS	75,000.00	75,000
	Site Perimeter Wood Fence, Gates		2,475	LF	100.00	247,500
	Secure Storage Fencing, Gates		645	LF	275.00	177,375
			-		-	-
	Planted Areas		20,175	SF	15.00	302,625
		TOTAL				$ 1,399,800
33.0	**UTILITIES**					
	Storm Water Basin		4,475	SF	$ 12.50	$ 55,938
	Storm Water Drainage for Loading Areas, Parking Lots		1	LS	150,000.00	150,000
			-		-	-
	New Fire Service		1	LS	50,000.00	50,000
	New Electrical Service		1	LS	125,000.00	125,000
	Relocate Transformer		1	LS	25,000.00	25,000
		TOTAL				$ 405,938

EXHIBIT 'C'

LAMMEY & GIORGIO ARCHITECTS
VINELAND DEVELOPMENT CENTER, WEST CAMPUS
SOUTHERN REGIONAL MEDICAL EXAMINER'S OFFICE
VINELAND, NEW JERSEY

ICI #: 222658
Prep: mcf
Date: 3/1/2024
Revised:

ORDER OF MAGNITUDE COST ESTIMATE - NEW BUILDING

Acct	Description		Cost/SF *46,000*	Amount
1.0	General Conditions		*$ 41.99*	$ 1,931,747
1.2	General Requirements & Temporary Protection		*$ 41.99*	1,931,747
2.0	Existing Conditions		*$ 21.70*	997,988
3.0	Concrete		*$ 25.28*	1,163,000
4.0	Masonry		*$ 7.92*	364,500
5.0	Metals		*$ 58.48*	2,690,000
6.0	Woods & Plastics		*$ 6.50*	299,000
7.0	Moisture Protection		*$ 82.17*	3,779,800
8.0	Openings		*$ 30.34*	1,395,500
9.0	Finishes		*$ 56.16*	2,583,400
10.0	Specialties		*$ 4.25*	195,500
11.0	Equipment		*$ 39.93*	1,836,550
12.0	Furnishings		*$ 1.98*	91,125
13.0	Special Construction		$ -	-
14.0	Conveying Systems		$ -	-
21.0	Fire Suppression		*$ 7.63*	351,000
22.0	Plumbing		*$ 23.46*	1,079,100
23.0	HVAC		*$ 76.00*	3,496,000
26.0	Electrical		*$ 67.50*	3,105,000
31.0	Earthwork		*$ 8.12*	373,425
32.0	Exterior Improvements		*$ 30.43*	1,399,800
33.0	Utilities		*$ 12.09*	555,938
	Subtotal		*$ 643.92*	29,620,119
	Design Contingency	15.0%		4,443,018
	Fees, OH&P, Insurances, Permits	8.5%		2,895,367
	Escalation	0%		-
	TOTAL - NEW BUILDING		*$ 803.45*	**36,958,503**

EXHIBIT 'C'

LAMMEY & GIORGIO ARCHITECTS
VINELAND DEVELOPMENT CENTER, WEST CAMPUS
SOUTHERN REGIONAL MEDICAL EXAMINER'S OFFICE
VINELAND, NEW JERSEY

ICI #: 222658
Prep: mcf
Date: 3/1/2024
Revised:

ORDER OF MAGNITUDE COST ESTIMATE - NEW BUILDING

Acct	Description	Quantity	Unit	Unit Cost	Amount
1.0	**GENERAL CONDITIONS**				
	Site Management, Supervision, Coordination	7.5%			$ 1,931,747
	TOTAL				$ 1,931,747
1.2	**GENERAL REQUIREMENTS & TEMPORARY PROTECTION**				
	General Requirements - Quality Control, Temp. Utilities/Facilities, Clean Up, Site Office Expenses, Etc.	7.5%			$ 1,931,747
	TOTAL				$ 1,931,747
2.0	**EXISTING CONDITIONS**				
	Demolish Existing Building	44,355	SF	$ 22.50	$ 997,988
	Asbestos/Lead Abatement, Remediation				Not Included
	TOTAL				$ 997,988
3.0	**CONCRETE**				
	New Foundation Wall, Footing	1,200	LF	$ 175.00	$ 210,000
	Interior Column/Miscellaneous Footing	46,000	SF	3.00	138,000
	Slab on Grade	46,000	SF	15.00	690,000
	Loading Docks, Grading	1	LS	100,000.00	100,000
	Miscellaneous Foundations, Pads	1	LS	25,000.00	25,000
	TOTAL				$ 1,163,000
4.0	**MASONRY**				
	New Brick Water Table	8,100	SF	$ 45.00	$ 364,500
	TOTAL				$ 364,500
5.0	**METALS**				
	New Steel Structure, Decking	46,000	SF	$ 55.00	$ 2,530,000
	Roof Dunnage for Mechanical Equipment	1	LS	75,000.00	75,000
	Miscellaneous Metal Framing, Supports	1	LS	50,000.00	50,000
	Ladders, Railings, Steps, Etc.	1	LS	35,000.00	35,000
	TOTAL				$ 2,690,000
6.0	**WOODS & PLASTICS**				
	Rough Carpentry & Blocking	46,000	SF	$ 1.50	$ 69,000
	Millwork, Trim	46,000	SF	5.00	230,000
	TOTAL				$ 299,000

EXHIBIT 'C'

LAMMEY & GIORGIO ARCHITECTS
VINELAND DEVELOPMENT CENTER, WEST CAMPUS
SOUTHERN REGIONAL MEDICAL EXAMINER'S OFFICE
VINELAND, NEW JERSEY

ICI #: 222658
Prep: mcf
Date: 3/1/2024
Revised:

ORDER OF MAGNITUDE COST ESTIMATE - NEW BUILDING

Acct	Description		Quantity	Unit	Unit Cost	Amount
7.0	**MOISTURE PROTECTION**					
	Insulation, AVB - Exterior Wall		21,600	SF	$ 8.00	$ 172,800
	- Roof		46,000	SF	9.50	437,000
	New Roofing - Membrane, Flashing		46,000	SF	27.50	1,265,000
			-		-	-
	New Exterior Wall Stud, Finishes		21,600	SF	85.00	1,836,000
	Caulking, Sealants, Firesafeing, Walkway Pads		46,000	SF	1.50	69,000
		TOTAL				$ 3,779,800
8.0	**OPENINGS**					
	Doors, Frames, Hardware - Interior (Allow 1/200sf)		230	EA	$ 2,350.00	$ 540,500
	- Exterior		20	EA	4,000.00	80,000
			-		-	-
	Interior Glazing		46,000	SF	1.00	46,000
	Exterior Windows		6,075	SF	120.00	729,000
		TOTAL				$ 1,395,500
9.0	**FINISHES**					
	Partitions (Allow 9/LF per 100 sf)		4,140	LF	$ 185.00	$ 765,900
	Interior Finishes - Clinical Areas		25,940	SF	50.00	1,297,000
	- General Public Areas, Investigators		4,350	SF	40.00	174,000
	- Circulation, Miscellaneous Areas		7,390	SF	30.00	221,700
	- Building Support		8,320	SF	15.00	124,800
		TOTAL				$ 2,583,400
10.0	**SPECIALTIES**					
	Bathroom Accessories, Partitions		46,000	SF	$ 1.75	$ 80,500
	Miscellaneous Specialties		46,000	SF	2.50	115,000
		TOTAL				$ 195,500
11.0	**EQUIPMENT**					
	Equipment, Casework - Clinical Areas		25,940	SF	$ 65.00	$ 1,686,100
	- Other Areas		20,060	SF	7.50	150,450
		TOTAL				$ 1,836,550
12.0	**FURNISHINGS**					
	Furniture		-		$ -	By Others
	Window Coverings		6,075	SF	15.00	91,125
		TOTAL				$ 91,125

EXHIBIT 'C'

LAMMEY & GIORGIO ARCHITECTS
VINELAND DEVELOPMENT CENTER, WEST CAMPUS
SOUTHERN REGIONAL MEDICAL EXAMINER'S OFFICE
VINELAND, NEW JERSEY

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ORDER OF MAGNITUDE COST ESTIMATE - NEW BUILDING

Acct	Description		Quantity	Unit	Unit Cost	Amount
21.0	**FIRE SUPPRESSION**					
	Sprinklers		46,000	SF	$ 6.00	$ 276,000
	Fire Pump, 50 HP		1	EA	75,000.00	75,000
		TOTAL				$ 351,000
22.0	**PLUMBING**					
	Plumbing Fixtures, Piping, Equipment - Clinical		25,940	SF	$ 30.00	$ 778,200
	- Other Areas		20,060	SF	15.00	300,900
		TOTAL				$ 1,079,100
23.0	**HVAC**					
	HVAC Equipment		46,000	SF	$ 28.50	$ 1,311,000
	- Distribution		46,000	SF	32.50	1,495,000
	Testing, Balancing, Controls		46,000	SF	15.00	690,000
		TOTAL				$ 3,496,000
26.0	**ELECTRICAL**					
	Electrical Panels, Feeders, Service Equipment		46,000	SF	$ 6.50	$ 299,000
	Branch Wiring, Conduit, Devices		46,000	SF	15.00	690,000
	Lighting, Controls		46,000	SF	20.00	920,000
	Tele/Data Outlets, Wiring		46,000	SF	6.00	276,000
	Fire Alarm		46,000	SF	6.50	299,000
	Low Voltage Systems - Security, A/V, Etc.		46,000	SF	10.00	460,000
					-	-
	Emergency Generator		46,000	SF	3.50	161,000
		TOTAL				$ 3,105,000
31.0	**EARTHWORK**					
	Erosion Control, Site Barriers, Fencing		1	LS	$ 100,000.00	$ 100,000
	Demolish House, Garage, Playgrounds		2,100	SF	25.00	52,500
						-
	Demolition, Rough Grade, Prep for Addition		46,000	SF	2.25	103,500
	- Paved Areas		67,100	SF	1.75	117,425
		TOTAL				$ 373,425

EXHIBIT 'C'

LAMMEY & GIORGIO ARCHITECTS
VINELAND DEVELOPMENT CENTER, WEST CAMPUS
SOUTHERN REGIONAL MEDICAL EXAMINER'S OFFICE
VINELAND, NEW JERSEY

ICI #: 222658
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ORDER OF MAGNITUDE COST ESTIMATE - NEW BUILDING

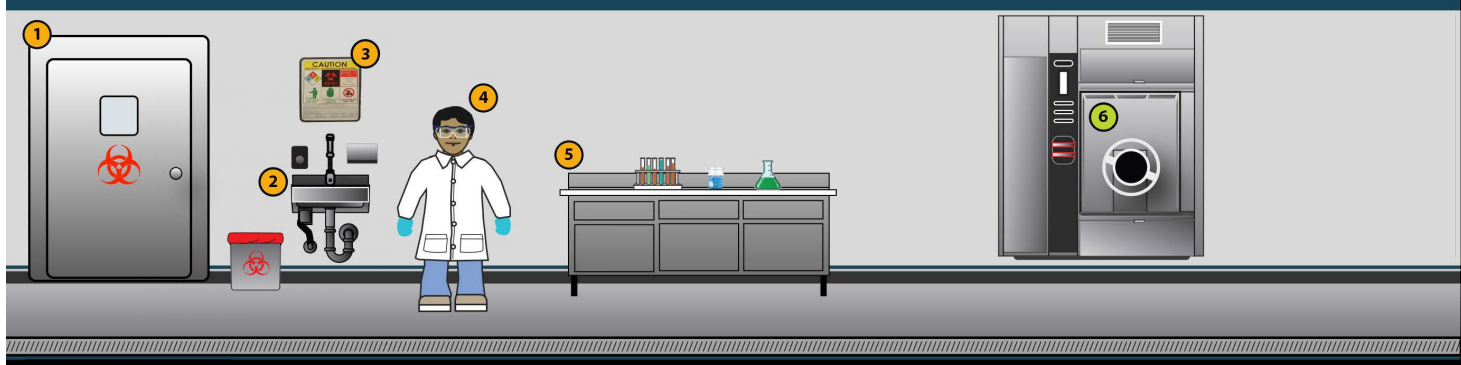
Acct	Description		Quantity	Unit	Unit Cost	Amount
32.0	**EXTERIOR IMPROVEMENTS**					
	New Bituminous Paving		7,455	SY	$ 60.00	$ 447,300
	Concrete Walks, Curbs, Etc.		1	LS	150,000.00	150,000
	Site Furniture, Signs, Line Panting		1	LS	75,000.00	75,000
	Site Perimeter Wood Fence, Gates		2,475	LF	100.00	247,500
	Secure Storage Fencing, Gates		645	LF	275.00	177,375
			-		-	-
	Planted Areas		20,175	SF	15.00	302,625
		TOTAL				$ 1,399,800
33.0	**UTILITIES**					
	Storm Water Basin		4,475	SF	$ 12.50	$ 55,938
	Storm Water Drainage for Loading Areas, Parking Lots		1	LS	150,000.00	150,000
			-		-	-
	New Water, Sanitary, Fire Service		1	LS	150,000.00	150,000
	New Electrical, Telecomm Service		1	LS	175,000.00	175,000
	Relocate Transformer		1	LS	25,000.00	25,000
		TOTAL				$ 555,938

EXHIBIT 'C'

CDC 24/7

4 BIOSAFETY LAB LEVELS

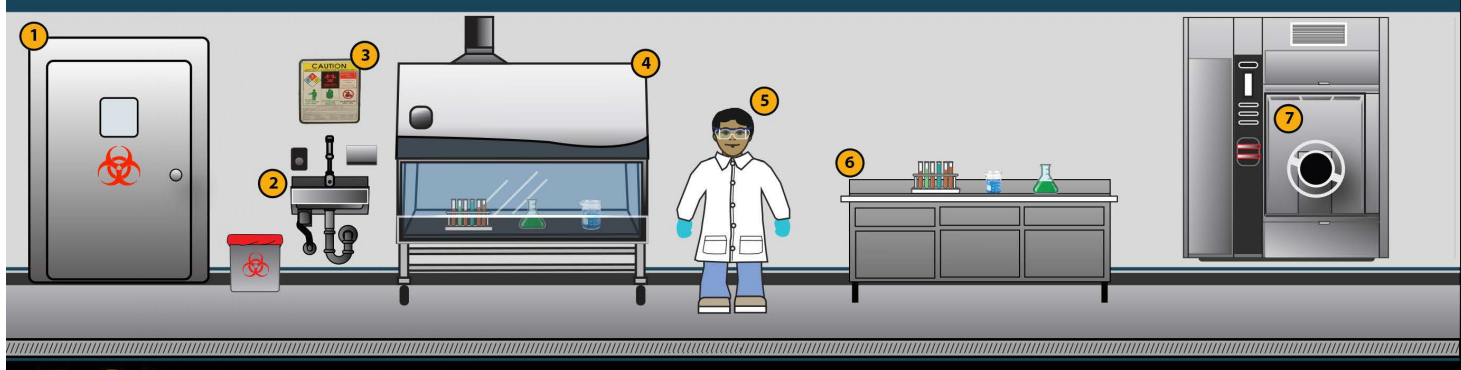
BSL1



BSL1

1. controlled access
2. hand washing sink
3. sharp hazards warning policy
4. personal protective equipment
5. laboratory bench
6. autoclave

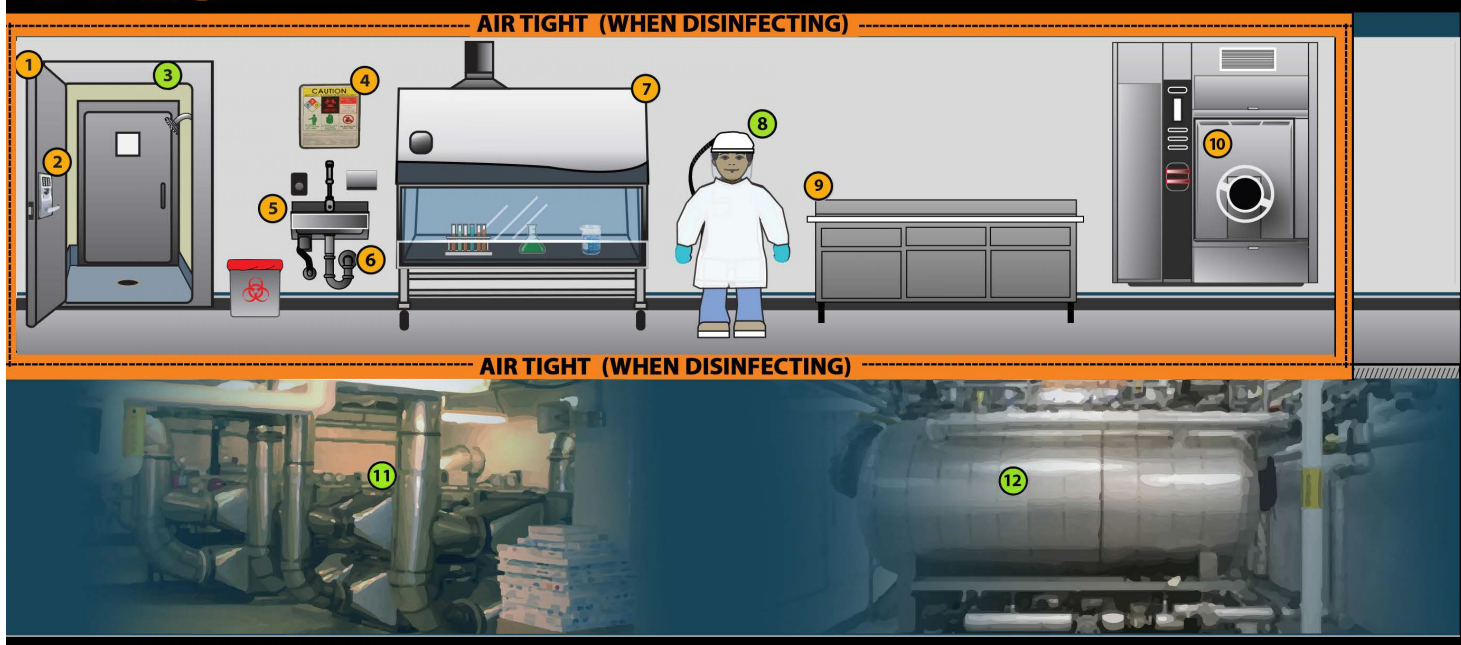
BSL2



BSL2

1. controlled access
2. hand washing sink
3. sharp hazards warning policy
4. physical containment device
5. personal protective equipment
6. laboratory bench
7. autoclave

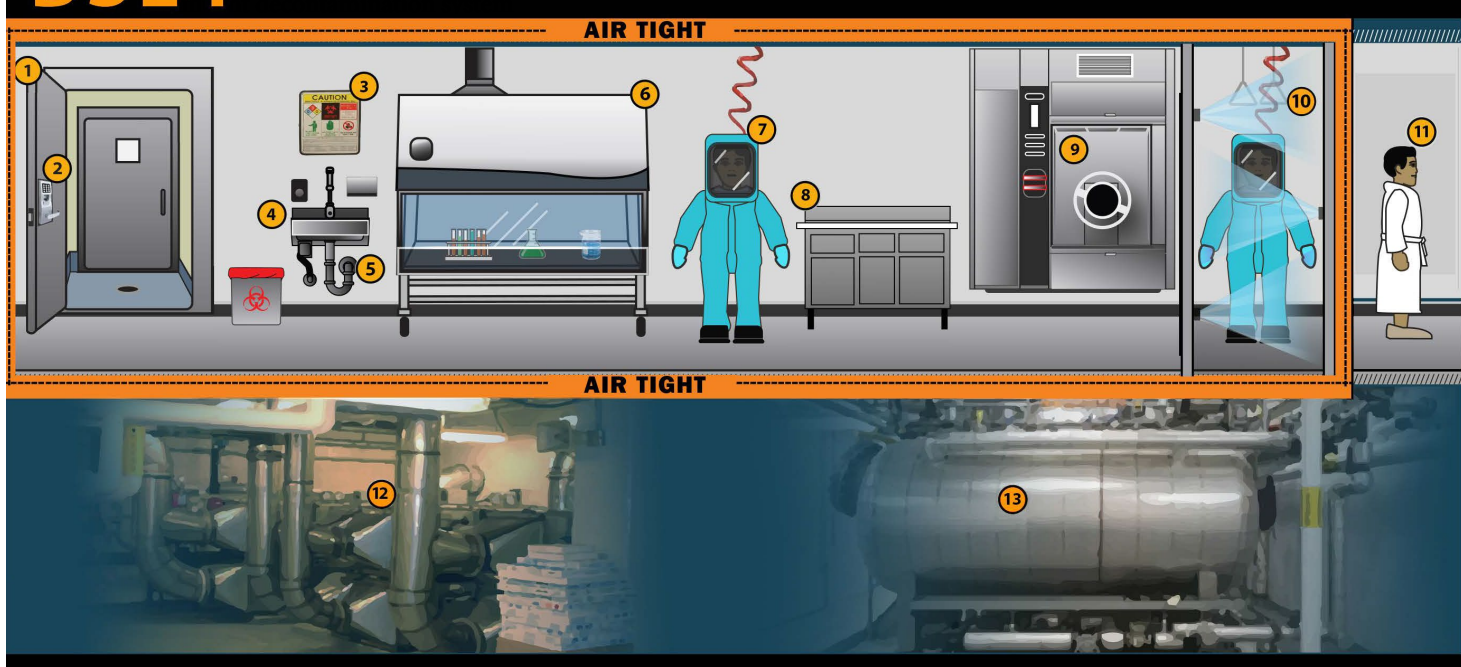
BSL3 (WITH RISK-BASED ENHANCEMENTS)



BSL3

1. self-closing, double-door access
2. controlled access
3. personal shower out
4. sharp hazards warning policy
5. hand washing sink
6. sealed penetrations
7. physical containment device
8. powered air purifying respirator
9. laboratory bench
10. autoclave
11. exhaust HEPA filter
12. effluent decontamination system

BSL4



BSL4

1. self-closing, double-door access
2. controlled access
3. sharp hazards warning policy
4. hand washing sink
5. sealed penetrations
6. physical containment device
7. positive pressure protective suit
8. laboratory bench
9. autoclave
10. chemical shower out
11. personal shower out
12. supply and exhaust HEPA filters
13. effluent decontamination system

Required safety equipment Risk-based enhancements

www.cdc.gov/24-7

EXHIBIT 'D'

Data, Communication, and Security Equipment:

1. **Network Infrastructure:**
   - High-speed fiber optic internet connectivity
   - Ethernet switches and routers
   - Wireless access points (WAPs) with secure configuration
   - Structured cabling and patch panels

2. **Server and Storage Solutions:**
   - On-premise servers for data processing and storage
   - Network Attached Storage (NAS) or Storage Area Network (SAN)
   - Backup and disaster recovery systems

3. **Workstations and Devices:**
   - Desktop computers for administrative and lab use
   - Laptops for mobile and fieldwork
   - Tablets for use in autopsy and examination rooms
   - Barcode scanners for sample tracking and inventory

4. **Software and Applications:**
   - Laboratory Information Management System (LIMS)
   - Digital case management and reporting software
   - DICOM-compliant PACS (Picture Archiving and Communication System)
   - Forensic evidence tracking and management software

5. **Communication Systems:**
   - VoIP phone systems
   - Video conferencing equipment for remote consultations
   - Internal intercom system for lab and office communication
   - Secure email and messaging platforms

6. **Security Systems:**
   - Access control systems (card readers, biometric scanners)
   - Surveillance cameras (CCTV) with remote monitoring capabilities
   - Intrusion detection systems (alarms, motion sensors)
   - Perimeter security (fencing, gates, bollards)

7. **Cybersecurity Measures:**
   - Firewalls and intrusion prevention systems (IPS)
   - Endpoint protection and antivirus software
   - Data encryption for storage and transmission
   - Secure VPN for remote access

8. **Environmental Monitoring and Control:**
   - Temperature and humidity sensors for sensitive areas
   - Automated HVAC controls integrated with building management systems

EXHIBIT 'E'

- Power backup systems (UPS and generators) for critical equipment

9. **Emergency and Safety Equipment:**
   - Panic buttons in autopsy and laboratory areas
   - Fire alarm and suppression systems
   - Emergency lighting and signage
   - First aid and safety equipment stations

EXHIBIT 'E'

NJ Health
Improving Health Through Leadership and Innovation

Survey Year 2022

(Meets requirements of the Workplace Survey)

Facility ID	SIC / NAICS	Co / Mu	Due Date
99999911032	9221 / 922120	0714	7/15/2023

Facility Mailing Address

NJ DOH - MEDICAL EXAMINER/NEWARK
ATTN MONICA CALDERON
P O BOX 360
TRENTON NJ 08625-0360

A. Facility Location

325 NORFOLK ST
NEWARK NJ

B. Are there any substances or materials present at this facility that are on the Right to Know Hazardous Substance List?

☑ **Yes** ☐ **No**

C. Number of Employees at this facility: **57**

Number of employees exposed or potentially exposed to hazardous chemicals at this facility: **40**

D. Indicate the nature of the operations conducted at this facility:

Other

Other Nature of Operations: **Medico-Legal Death Investigation**

E. Are you reporting Products with Unknown Ingredients?

☐ **Yes** ☑ **No**

F. Employer Email Address: **Robert.Eng@doh.nj.gov**

G. CERTIFICATION OF RESPONSIBLE OFFICIAL

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

Certifier Name **ROBERT ENG** Date Certified **07/14/2023** Signature ☑

Certifier Title **OCCUPATIONAL HEALTH CONSULTANT** Telephone Number **609-575-5628** Ext.

H. POLICE AND FIRE DEPARTMENTS

Enter the respective phone numbers, name and addresses (include Zip Code) of your local fire and police departments.

POLICE DEPARTMENT:

Telephone Number: **973-733-6000**
Department Name: **NEWARK PD**
Address: **31 GREENE ST**
City, State, Zip: **NEWARK NJ 07102**

FIRE DEPARTMENT:

Telephone Number: **973-733-7503**
Department Name: **NEWARK FD**
Address: **1010 18TH AVE**
City, State, Zip: **NEWARK NJ 07106**

I. UNION REPRESENTATIVE

Are employees at this facility represented by a union? ☑ **Yes** ☐ **No** **(If 'Yes', all information in this section must be entered.)**

Union Rep. Name: **Diane McMillan**
Union Name *(Abbrev)*: **CWA Local** Local Number: **1037**
Telephone Number: **973-623-1828**
Union Address: **1037 Raymond Boulevard, Suite 520**
City, State, Zip: **Newark NJ 07102**

This Survey Has Reported **1** Additional Union(s).

J. FACILITY EMERGENCY CONTACT

Contact Name: **Will Smith** Telephone Number: **862-350-5070**

K. PART OF FACILITY COVERED (Check box if applicable)

☐ This survey only covers part of the facility. The rest of the facility is occupied by (specify name of employer):

NOTE: Your County Lead Agency, local health, fire, and police departments and your local emergency planning committee have access to this Right to Know survey online. You no longer need to send them a hard copy.
You must keep a copy of this survey in your facility RTK Central File and make it available to your employees.

EXHIBIT 'F'

Survey Year 2022
Chemical Inventory
NJ DOH - MEDICAL EXAMINER/NEWARK (Facility ID 99999911032)

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
1-CHLOROBUTANE	ALFA AESAR	Laboratory Chemical	231	Bottles or jugs (glass)	Less than 1	Gallons - liquids	15

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0284	BUTYL CHLORIDE	109-69-3	1127	90 to 99%	F3

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
1-PROPANOL	FISHER-L ALFA	Laboratory Chemical	219	Bottles or jugs (glass)	Less than 1	Gallons - liquids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1605	PROPYL ALCOHOL	71-23-8	1274	90 to 99%	F3

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
2-PROPANOL	FISHER	Laboratory Chemical	208	Bottles or jugs (glass)	Less than 1	Gallons - liquids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1076	ISOPROPYL ALCOHOL	67-63-0	1219	90 to 99%	F3

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
2-PROPANOL	FISHER	Laboratory Chemical	231	Bottles or jugs (glass)	1 to 9	Gallons - liquids	10

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1076	ISOPROPYL ALCOHOL	67-63-0	1219	90 to 99%	F3

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
2-PROPANOL	FISHER	Laboratory Chemical	208	Bottles or jugs (glass)	1 to 9	Gallons - liquids	10

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1076	ISOPROPYL ALCOHOL	67-63-0	1219	90 to 99%	F3

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
2-PROPANOL	FISHER	Laboratory Chemical	219	Bottles or jugs (glass)	1 to 9	Gallons - liquids	10

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1076	ISOPROPYL ALCOHOL	67-63-0	1219	90 to 99%	F3

EXHIBIT 'F'

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
AAA 100 ATOMIC ABSORPTION ANALYSIS KIT	SIRCHIE	Laboratory Chemical	MORGUE	Other	1 to 9	Gallons - liquids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1356	NITRIC ACID	7697-37-2	2031	1 to 9%	CO

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
ACETIC ACID	ALDRICH/J.T. BAKER	Laboratory Chemical	231	Bottles or jugs (glass)	1 to 9	Gallons - liquids	10

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0004	ACETIC ACID	64-19-7	2789	90 to 99%	CO

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
ACETIC ACID	ACETIC ACID	Laboratory Chemical	HISTO LAB	Bottles or jugs (glass)	1 to 9	Gallons - liquids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0004	ACETIC ACID	64-19-7	2789	100%	CO

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
ACETIC ACID 0.5	ACETIC ACID	Laboratory Chemical	HISTO LAB	Bottles or jugs (plastic)	1 to 9	Gallons - liquids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0004	ACETIC ACID	64-19-7	2789	0.1 to 0.9%	CO

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
ACETIC ACID 1	ACETIC ACID	Laboratory Chemical	HISTO LAB	Bottles or jugs (plastic)	1 to 9	Gallons - liquids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0004	ACETIC ACID	64-19-7	2789	1 to 9%	CO

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
ACETIC ACID 3	ACETIC ACID	Laboratory Chemical	HISTO LAB	Bottles or jugs (plastic)	1 to 9	Gallons - liquids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0004	ACETIC ACID	64-19-7	2789	1 to 9%	CO

EXHIBIT 'F'

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
ACETIC ACID, GLACIAL	FISHER-3	Laboratory Chemical	231	Bottles or jugs (glass)	1 to 9	Gallons - liquids	10

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0004	ACETIC ACID	64-19-7	2789	90 to 99%	CO

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
ACETIC ACID, GLACIAL (CERTIFICED ACS)	FISHER SCIENTIFIC	Laboratory Chemical	231	Bottles or jugs (glass)	1 to 9	Gallons - liquids	15

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0004	ACETIC ACID	64-19-7	2789	90 to 99%	CO

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
ACETONITRILE	SIGMA-ALDRICH	Laboratory Chemical	218	Bottles or jugs (glass)	1 to 9	Gallons - liquids	4

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0008	ACETONITRILE	75-05-8	1648	100%	F3

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
ACID ALCOHOL 0.5	ACID ALCOHOL	Laboratory Chemical	HISTO LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0844	ETHYL ALCOHOL	64-17-5	1170	Unknown	CA,F3,MU,TE
1076	ISOPROPYL ALCOHOL	67-63-0	1219	Unknown	F3
1222	METHYL ALCOHOL	67-56-1	1230	Unknown	F3,TE

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
ACID ALCOHOL 1	ACID ALCOHOL	Laboratory Chemical	HISTO LAB	Bottles or jugs (plastic)	1 to 9	Gallons - liquids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0844	ETHYL ALCOHOL	64-17-5	1170	Unknown	CA,F3,MU,TE
1012	HYDROGEN CHLORIDE	7647-01-0	1050	Unknown	CO
1076	ISOPROPYL ALCOHOL	67-63-0	1219	Unknown	F3
1222	METHYL ALCOHOL	67-56-1	1230	Unknown	F3,TE

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
ACID WATER 5	ACID WATER	Laboratory Chemical	HISTO LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1012	HYDROGEN CHLORIDE	7647-01-0	1050	Unknown	CO

EXHIBIT 'F'

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
ACRYLIMIDE	BECKMAN	Laboratory Chemical	SOLID STORAGE	Bottles or jugs (plastic)	1 to 9	Pounds - solids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0022	ACRYLAMIDE	79-06-1	2074	90 to 99%	CA

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
ALCIAN BLUE 1 IN 1 ACETIC ACID	ALCIAN	Laboratory Chemical	HISTO LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0004	ACETIC ACID	64-19-7	2789	Unknown	CO

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
ALCIAN BLUE 1 IN 3 ACETIC ACID	ALCIAN	Laboratory Chemical	HISTO LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0004	ACETIC ACID	64-19-7	2789	Unknown	CO

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
ALKALINE ALCOHOL 50	ALKALINE ALCOHOL	Laboratory Chemical	HISTO LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0844	ETHYL ALCOHOL	64-17-5	1170	Unknown	CA,F3,MU,TE
1076	ISOPROPYL ALCOHOL	67-63-0	1219	Unknown	F3
1222	METHYL ALCOHOL	67-56-1	1230	Unknown	F3,TE

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
ALKALINE ALCOHOL FOR MOVATS PENTCHR	ALKALINE ALCOHOL	Laboratory Chemical	HISTO LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0844	ETHYL ALCOHOL	64-17-5	1170	Unknown	CA,F3,MU,TE

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
AMMONIA WATER	AMMONIA WATER	Laboratory Chemical	HISTO LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0084	AMMONIA	7664-41-7	1005	Unknown	CO

EXHIBIT 'F'

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
AMMONIUM HYDROXIDE	AMMONIUM HYDROXIDE	Laboratory Chemical	HISTO LAB	Bottles or jugs (glass)	Less than 1	Gallons - liquids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0084	AMMONIA	7664-41-7	1005	Unknown	CO

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
AMMONIUM HYDROXIDE	FISHER/EMD	Laboratory Chemical	231	Bottles or jugs (glass)	1 to 9	Gallons - liquids	10

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0103	AMMONIUM HYDROXIDE	1336-21-6	2672	90 to 99%	CO

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
AMMONIUM HYDROXIDE	FISHER/EMD	Laboratory Chemical	208	Bottles or jugs (glass)	10 to 99	Gallons - liquids	10

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0103	AMMONIUM HYDROXIDE	1336-21-6	2672	90 to 99%	CO

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
ANILINE BLUE MASSON`S TRICHROME	ANILINE	Laboratory Chemical	HISTO LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0004	ACETIC ACID	64-19-7	2789	Unknown	CO

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
AUSTIN`S A-1 BLEACH 5.255	JAMES AUSTIN COMPANY	Cleaning Products-General	GENERAL USE	Bottles or jugs (plastic)	100 to 499	Gallons - liquids	57

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1707	SODIUM HYPOCHLORITE	7681-52-9	1791	1 to 9%	CO

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
BASIC FUCHSIN WORKING SOLUTION	FUCHSIN	Laboratory Chemical	HISTO LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
3239	C.I. BASIC RED 9, MONOHYDROCHLORIDE	569-61-9		Unknown	CA

EXHIBIT 'F'

Survey Year 2022
Chemical Inventory
NJ DOH - MEDICAL EXAMINER/NEWARK (Facility ID 99999911032)

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
BIEBRICH SCARLET ACID FUCHSIN	BIEBRICH	Laboratory Chemical	HISTO LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0004	ACETIC ACID	64-19-7	2789	Unknown	CO

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
BOUIN`S FIXATIVE	BOUIN	Laboratory Chemical	HISTO LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0004	ACETIC ACID	64-19-7	2789	Unknown	CO
0946	FORMALDEHYDE	50-00-0	1198	Unknown	CA,CO,F4,MU
1222	METHYL ALCOHOL	67-56-1	1230	Unknown	F3,TE
1946	2,4,6-TRINITROPHENOL	88-89-1	0154	Unknown	F4,R4

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
CARBOL FUCHSIN KINYOUN`S	KINYOUN`S	Laboratory Chemical	HISTO LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0844	ETHYL ALCOHOL	64-17-5	1170	Unknown	CA,F3,MU,TE
1076	ISOPROPYL ALCOHOL	67-63-0	1219	Unknown	F3
1222	METHYL ALCOHOL	67-56-1	1230	Unknown	F3,TE
1487	PHENOL	108-95-2	1671	Unknown	MU
3239	C.I. BASIC RED 9, MONOHYDROCHLORIDE	569-61-9		Unknown	CA

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
CDB 90	SCIENTIFIC BOILER WATER CONDITIONING CO	Boiler Treatment	EQUIPMENT	Other	1 to 9	Gallons - liquids	50

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1892	TRICHLOROISOCYANURIC ACID	87-90-1	2468	90 to 99%	

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
CHROMIC ACID 4	POLY SCIENTIFIC	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0437	CHROMIC TRIOXIDE	1333-82-0	1463	1 to 9%	CA,TE

EXHIBIT 'F'

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
CLARIFIER 2	FISHER SCIENTIFIC	Laboratory Chemical	HISTOLOGY	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0004	ACETIC ACID	64-19-7	2789	90 to 99%	CO

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
CLEAR-RITE 3	THERMO	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
3758	POLYCYCLIC AROMATIC HYDROCARBONS			Unknown	

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
CRYSTAL VIOLET 1	POLY SCIENTIFIC	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0844	ETHYL ALCOHOL	64-17-5	1170	Unknown	CA,F3,MU,TE
1076	ISOPROPYL ALCOHOL	67-63-0	1219	Unknown	F3
1222	METHYL ALCOHOL	67-56-1	1230	Unknown	F3,TE

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
DIASTASE BUFFER	POLY SCIENTIFIC	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1723	SODIUM PHOSPHATE, DIBASIC	7558-79-4	3082	Unknown	

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
DIASTASE BUFFER,	POLY SCIENTIFIC	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1706	SODIUM HYDROXIDE	1310-73-2	1823	Unknown	CO

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
DICHLOROMETHANE	EMD	Laboratory Chemical	208	Bottles or jugs (glass)	1 to 9	Gallons - liquids	10

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1255	METHYLENE CHLORIDE	75-09-2	1593	90 to 99%	CA,MU

EXHIBIT 'F'

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
DICHLOROMETHANE	FISHER	Laboratory Chemical	231	Bottles or jugs (glass)	1 to 9	Gallons - liquids	10

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1255	METHYLENE CHLORIDE	75-09-2	1593	100%	CA,MU

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
DICHLOROMETHANE	VWR	Laboratory Chemical	231	Bottles or jugs (glass)	1 to 9	Gallons - liquids	15

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1255	METHYLENE CHLORIDE	75-09-2	1593	100%	CA,MU

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
DIESEL FUEL #2	EXXON	Fuel	UNDERGROUND OUTSIDE	Below ground tank	1,000 to 9,999	Gallons - liquids	50

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
2444	FUEL OILS (LIGHT)		1202	100%	

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
DIL. MAYER`S HEMATOXYLIN LINQUIST	POLY SCIENTIFIC	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
3319	GLYCERIN	56-81-5		Unknown	

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
DRY ERASE MARKERS	SANFORD EXPO	Other	MORGUE	Other	Less than 1	Pounds - solids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1268	METHYL ISOBUTYL KETONE	108-10-1	1245	Unknown	F3
1329	n-BUTYL ACETATE	123-86-4	1123	Unknown	F3

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
DRY SHAMPOO	EMBALMERS SUPPLY COMPANY	Laboratory Chemical	MORGUE	Bottles or jugs (plastic)	1 to 9	Gallons - liquids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1890	TRICHLOROETHYLENE	79-01-6	1710	90 to 99%	CA

EXHIBIT 'F'

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
EM-400 EMBEDDING MEDIUM	SURGIPATH	Laboratory Chemical	HISTOLOGY LAB	Bag	1 to 9	Pounds - solids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
3414	PARAFFIN WAX	8002-74-2		100%	

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
EOSIN Y 0.01 ALCOHOLIC	POLY SCIENTIFIC	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0844	ETHYL ALCOHOL	64-17-5	1170	Unknown	CA,F3,MU,TE
1076	ISOPROPYL ALCOHOL	67-63-0	1219	Unknown	F3
1222	METHYL ALCOHOL	67-56-1	1230	Unknown	F3,TE

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
EOSIN-Y W/PHLOXINE	THERMO SCIENTIFIC	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0004	ACETIC ACID	64-19-7	2789	0.1 to 0.9%	CO
0844	ETHYL ALCOHOL	64-17-5	1170	50 to 59%	CA,F3,MU,TE
1076	ISOPROPYL ALCOHOL	67-63-0	1219	1 to 9%	F3
1222	METHYL ALCOHOL	67-56-1	1230	1 to 9%	F3,TE

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
ETHER ACETONE 1 1	POLY SCIENTIFIC	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0006	ACETONE	67-64-1	1090	Unknown	F3
0701	DIETHYL ETHER	60-29-7	1155	Unknown	F4

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
ETHYL ACETATE	VWR	Laboratory Chemical	208	Bottles or jugs (glass)	1 to 9	Gallons - liquids	10

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0841	ETHYL ACETATE	141-78-6	1173	90 to 99%	F3

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
ETHYL ACETATE	SUPELCO	Laboratory Chemical	231	Bottles or jugs (glass)	1 to 9	Gallons - liquids	10

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0841	ETHYL ACETATE	141-78-6	1173	90 to 99%	F3

EXHIBIT 'F'

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
ETHYL ACETATE	EMD	Laboratory Chemical	231	Bottles or jugs (glass)	1 to 9	Gallons - liquids	10

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0841	ETHYL ACETATE	141-78-6	1173	90 to 99%	F3

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
ETHYL ALCOHOL	BAKER	Laboratory Chemical	LIQUID STORAGE/HISTOLOGY	Bottles or jugs (glass)	10 to 99	Gallons - liquids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0844	ETHYL ALCOHOL	64-17-5	1170	90 to 99%	CA,F3,MU,TE

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
ETHYL ALCOHOL	ACROS	Laboratory Chemical	219	Bottles or jugs (glass)	1 to 9	Gallons - liquids	10

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0844	ETHYL ALCOHOL	64-17-5	1170	100%	CA,F3,MU,TE

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
ETHYL ALCOHOL 190 PROOF	PHARMCO-AAPER	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	1 to 9	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0844	ETHYL ALCOHOL	64-17-5	1170	90 to 99%	CA,F3,MU,TE

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
ETHYL ALCOHOL 200 PROOF	PHARMCO AAPER	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	1 to 9	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0844	ETHYL ALCOHOL	64-17-5	1170	100%	CA,F3,MU,TE

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
FAST GREEN SU. FOR LT GREEN WORK	POLY SCIENTIFIC	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
3513	C.I. ACID GREEN 5	5141-20-8		100%	

EXHIBIT 'F'

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
FORMALIN	SURGIPATH	Laboratory Chemical	MORGUE, HISTOLOGY LAB	Bottles or jugs (plastic)	10 to 99	Gallons - liquids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0946	FORMALDEHYDE	50-00-0	1198	1 to 9%	CA,CO,F4,MU
1222	METHYL ALCOHOL	67-56-1	1230	1 to 9%	F3,TE

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
FORMULA 600	SCIENTIFIC WATER CONDITIONING CO	Boiler Treatment	BOILER	Other	1 to 9	Gallons - liquids	50

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0241	BORATE COMPOUNDS, Inorganic			Unknown	
1706	SODIUM HYDROXIDE	1310-73-2	1823	Unknown	CO
2258	SODIUM NITRITE	7632-00-0	1500	Unknown	

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
GIEMSA STAIN STOCK SOLUTION	POLY SCIENTIFIC	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1222	METHYL ALCOHOL	67-56-1	1230	Unknown	F3,TE
3319	GLYCERIN	56-81-5		100%	

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
GLADE SUPER FRESH	JOHNSON DIVERSEY	Deodorizer	MAINTENANCE	Can	1 to 9	Gallons - liquids	50

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1040	ISOBUTANE	75-28-5	1969	10 to 24%	F4
1594	PROPANE	74-98-6	1978	1 to 9%	F4

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
GLYCERINE JELLY MOUNTAIN MEDIUM	POLY SCIENTIFIC	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
3319	GLYCERIN	56-81-5		Unknown	

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
GOMORIS 1 STEP TRICHROME W/ LT GREEN	POLY SCIENTIFIC	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0004	ACETIC ACID	64-19-7	2789	Unknown	CO

EXHIBIT 'F'

Survey Year 2022
Chemical Inventory
NJ DOH - MEDICAL EXAMINER/NEWARK (Facility ID 99999911032)

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
HARRIS HEMATOXYLIN	POLY SCIENTIFIC	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0844	ETHYL ALCOHOL	64-17-5	1170	Unknown	CA,F3,MU,TE
1076	ISOPROPYL ALCOHOL	67-63-0	1219	Unknown	F3
1222	METHYL ALCOHOL	67-56-1	1230	Unknown	F3,TE

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
HEMATOXYLIN 5 ALCOHOLIC	POLY SCIENTIFIC	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0844	ETHYL ALCOHOL	64-17-5	1170	60 to 69%	CA,F3,MU,TE
1076	ISOPROPYL ALCOHOL	67-63-0	1219	60 to 69%	F3
1222	METHYL ALCOHOL	67-56-1	1230	1 to 9%	F3,TE

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
HEMATOXYLIN 7212	THERMO SCIENTIFIC	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0004	ACETIC ACID	64-19-7	2789	10 to 24%	CO
0068	ALUMINUM SULFATE	10043-01-3	3077	1 to 9%	CO
0878	ETHYLENE GLYCOL	107-21-1	3082	25 to 49%	

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
HEXANE	VWR	Laboratory Chemical	208	Bottles or jugs (glass)	1 to 9	Gallons - liquids	10

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1340	n-HEXANE	110-54-3	1208	90 to 99%	F3

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
HEXAPHENE MA-37	ESCO	Other	MORGUE	Bottles or jugs (plastic)	1 to 9	Gallons - liquids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0946	FORMALDEHYDE	50-00-0	1198	10 to 24%	CA,CO,F4,MU
1222	METHYL ALCOHOL	67-56-1	1230	10 to 24%	F3,TE

EXHIBIT 'F'

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
HPLC FLUSHING SOLVENT	AGILENT	Laboratory Chemical	218	Bottles or jugs (glass)	Less than 1	Gallons - liquids	4

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0008	ACETONITRILE	75-05-8	1648	10 to 24%	F3
0565	CYCLOHEXANE	110-82-7	1145	10 to 24%	F3
1076	ISOPROPYL ALCOHOL	67-63-0	1219	25 to 49%	F3
1255	METHYLENE CHLORIDE	75-09-2	1593	10 to 24%	CA,MU

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
HYDROGEN	AIRGAS	Laboratory Chemical	LOADING DOCK/GC	Cylinder	10 to 99	Cubic Ft - gases	50

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1010	HYDROGEN	1333-74-0	1049	100%	F4

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
HYDROGEN PEROXIDE	FISHER SCIENTIFIC	Laboratory Chemical	MORGUE	Bottles or jugs (plastic)	10 to 99	Gallons - liquids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1015	HYDROGEN PEROXIDE	7722-84-1	2015	25 to 49%	CO,MU,R3

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
KRAZY GLU STICKS	KRAZY GLUE	Laboratory Chemical	MORGUE	Other	Less than 1	Gallons - liquids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
4067	ETHYL CYANOACRYLATE	7085-85-0	1993	100%	

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
LIQUID ALIVE	PYROR	Cleaning Products-General	BOILER ROOM	Bottles or jugs (plastic)	1 to 9	Gallons - liquids	50

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1698	SODIUM DODECYLBENZENE SULFONATE	25155-30-0	3077	1 to 9%	

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
LIQUID ALIVE BACTERIA	ITW DYMON	Cleaning Products-General	MORGUE	Bottles or jugs (plastic)	1 to 9	Gallons - liquids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1698	SODIUM DODECYLBENZENE SULFONATE	25155-30-0	3077	1 to 9%	

EXHIBIT 'F'

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
LUGOL`S IODINE WORKING SOLUTION	POLY SCIENTIFIC	Laboratory Chemical	HISTOLOGY	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1026	IODINE	7553-56-2	3085	1 to 9%	

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
LUGOL`S IODINE WORKING SOLUTION	POLY SCIENTIFIC	Laboratory Chemical	HISTOLOGY	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1026	IODINE	7553-56-2	3085	1 to 9%	

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
LUXOL FAST BLUE 0.1 ALCOHOLIC	POLY SCIENTIFIC	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0844	ETHYL ALCOHOL	64-17-5	1170	Unknown	CA,F3,MU,TE
1076	ISOPROPYL ALCOHOL	67-63-0	1219	Unknown	F3
1222	METHYL ALCOHOL	67-56-1	1230	Unknown	F3,TE

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
MAYER`S MODIFIED HEMATOXYLIN	POLY SCIENTIFIC	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
3319	GLYCERIN	56-81-5		Unknown	

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
MERCURIC CHLORIDE	FISHER	Laboratory Chemical	SOLID STORAGE	Bottles or jugs (plastic)	1 to 9	Pounds - solids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1170	MERCURIC CHLORIDE	7487-94-7	1624	90 to 99%	CA,MU

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
METHENAMINE STK, SOLUTION A	POLY SCIENTIFIC	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0996	HEXAMINE	100-97-0	1328	100%	

EXHIBIT 'F'

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
METHYL TERT-BUTYL ETHER	J.T.BAKER	Laboratory Chemical	231	Bottles or jugs (glass)	1 to 9	Gallons - liquids	15

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1293	METHYL-tert-BUTYL ETHER	1634-04-4	2398	100%	F3

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
METHYLENE BLUE WORKING	POLY SCIENTIFIC	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0844	ETHYL ALCOHOL	64-17-5	1170	0.1 to 0.9%	CA,F3,MU,TE
1076	ISOPROPYL ALCOHOL	67-63-0	1219	1 to 9%	F3
1222	METHYL ALCOHOL	67-56-1	1230	10 to 24%	F3,TE

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
N,O-BIS-(TRIMETHYLSILYL)TRIFLUOROACETAMIDE W/1 TMCS	CAMPBELL SCIENCE	Laboratory Chemical	231	Bottles or jugs (glass)	Less than 1	Gallons - liquids	15

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1931	TRIMETHYLCHLOROSILANE	75-77-4	1298	90 to 99%	CO,F3

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
OIL RED O .5 SOL IN PROP. GLYCOL	POLY SCIENTIFIC	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
3595	PROPYLENE GLYCOL	57-55-6		90 to 99%	

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
PCT 3026	SCIENTIFIC WATER CONDITIONING CO	Boiler Treatment	BOILER	HVAC	1 to 9	Gallons - liquids	50

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1706	SODIUM HYDROXIDE	1310-73-2	1823	1 to 9%	CO

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
PERMOUNT MOUNTING MEDIUM	POLY SCIENTIFIC	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (glass)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1866	TOLUENE	108-88-3	1294	100%	F3,TE

EXHIBIT 'F'

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
PH10 BUFFER	VWR	Laboratory Chemical	231	Bottles or jugs (plastic)	1 to 9	Gallons - liquids	10

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1684	SODIUM AZIDE	26628-22-8	1687	0.1 to 0.9%	R3

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
PH7 BUFFER	VWR	Laboratory Chemical	231	Bottles or jugs (plastic)	1 to 9	Gallons - liquids	10

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1684	SODIUM AZIDE	26628-22-8	1687	0.1 to 0.9%	R3

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
PLEDGE ANTIBACTERIAL MULTISURFACE	SC JOHNSON	Cleaning Products-General	MORGUE	Can	1 to 9	Gallons - liquids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1076	ISOPROPYL ALCOHOL	67-63-0	1219	1 to 9%	F3

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
PLEDGE ANTIBACTERIAL MULTISURFACE	SC JOHNSON	Cleaning Products-General	MORGUE	Can	1 to 9	Gallons - liquids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1076	ISOPROPYL ALCOHOL	67-63-0	1219	1 to 9%	F3

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
POLYMOUNT	POLYSCIENCES, INC.	Laboratory Chemical	217	Bottles or jugs (glass)	1 to 9	Gallons - liquids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1143	MAGNESIUM NITRATE	10377-60-3	1474	1 to 9%	
1723	SODIUM PHOSPHATE, DIBASIC	7558-79-4	3082	1 to 9%	
3319	GLYCERIN	56-81-5		25 to 49%	

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
PYRIDINE	FISHER/EM	Laboratory Chemical	208	Bottles or jugs (glass)	1 to 9	Gallons - liquids	10

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1624	PYRIDINE	110-86-1	1282	90 to 99%	F3

EXHIBIT 'F'

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
REAGENT ALCOHOL 70	POLY SCIENTIFIC	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0844	ETHYL ALCOHOL	64-17-5	1170	70 to 79%	CA,F3,MU,TE
1076	ISOPROPYL ALCOHOL	67-63-0	1219	1 to 9%	F3
1222	METHYL ALCOHOL	67-56-1	1230	1 to 9%	F3,TE

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
RESORCIN FUCHSIN WORKING SOLUTION	POLY SCIENTIFIC	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0844	ETHYL ALCOHOL	64-17-5	1170	Unknown	CA,F3,MU,TE
1076	ISOPROPYL ALCOHOL	67-63-0	1219	Unknown	F3
1222	METHYL ALCOHOL	67-56-1	1230	Unknown	F3,TE
3239	C.I. BASIC RED 9, MONOHYDROCHLORIDE	569-61-9		Unknown	CA

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
RHODADINE SOLUTION	POLY SCIENTIFIC	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0844	ETHYL ALCOHOL	64-17-5	1170	Unknown	CA,F3,MU,TE
1076	ISOPROPYL ALCOHOL	67-63-0	1219	Unknown	F3
1222	METHYL ALCOHOL	67-56-1	1230	Unknown	F3,TE

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
RID SHAMPOO PLUS CONDITIONER	BAYER	Other	MORGUE	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0844	ETHYL ALCOHOL	64-17-5	1170	1 to 9%	CA,F3,MU,TE
1623	PYRETHRUM	8003-34-7	3352	0.1 to 0.9%	
3732	PIPERONYL BUTOXIDE	51-03-6		1 to 9%	

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
SAFFRON 3 ALCOHOLIC	POLY SCIENTIFIC	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0844	ETHYL ALCOHOL	64-17-5	1170	Unknown	CA,F3,MU,TE
1076	ISOPROPYL ALCOHOL	67-63-0	1219	Unknown	F3
1222	METHYL ALCOHOL	67-56-1	1230	Unknown	F3,TE

EXHIBIT 'F'

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
SAN VEINO POWDER	ESCO	Other	MORGUE	Bottles or jugs (glass)	1 to 9	Pounds - solids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0334	CAMPHOR	76-22-2	2717	0.1 to 0.9%	
0335	CAMPHOR OIL	8008-51-3	1130	1 to 9%	
0946	FORMALDEHYDE	50-00-0	1198	0.1 to 0.9%	CA,CO,F4,MU
1487	PHENOL	108-95-2	1671	1 to 9%	MU
1810	TETRACHLOROETHYLENE	127-18-4	1897	60 to 69%	CA
4002	CALCIUM SILICATE	1344-95-2		10 to 24%	

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
SAN-O-DOR	HYDROL CHEMICAL COMPANY	Other	MORGUE	Bottles or jugs (glass)	1 to 9	Pounds - solids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
4003	CALCIUM SULFATE	7778-18-9		1 to 9%	
4033	ZINC STEARATE	557-05-1	3077	1 to 9%	

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
SANI-CLOTHS BLEACH	PDI	Cleaning Products-General	MORGUE	Other	10 to 99	Pounds - solids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1707	SODIUM HYPOCHLORITE	7681-52-9	1791	0.1 to 0.9%	CO

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
SANI-CLOTHS PLUS	PDI	Cleaning Products-General	MORGUE	Can	10 to 99	Pounds - solids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0275	2-BUTOXY ETHANOL	111-76-2	2369	1 to 9%	CA
1076	ISOPROPYL ALCOHOL	67-63-0	1219	10 to 24%	F3

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
SCHIFF REAGENT	POLY SCIENTIFIC	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1012	HYDROGEN CHLORIDE	7647-01-0	1050	0.1 to 0.9%	CO
3239	C.I. BASIC RED 9, MONOHYDROCHLORIDE	569-61-9		1 to 9%	CA

EXHIBIT 'F'

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
SCI-QUAT 10	SCIENTIFIC WATER CONDITIONING CO	Other	MAINTENANCE	HVAC	1 to 9	Gallons - liquids	50

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0844	ETHYL ALCOHOL	64-17-5	1170	1 to 9%	CA,F3,MU,TE

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
SODIUM FLUORIDE REAGENT POWDER	ALDRICH	Laboratory Chemical	MORGUE	Can	10 to 99	Pounds - solids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1699	SODIUM FLUORIDE	7681-49-4	1690	Unknown	TE

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
STAINLESS STEEL POLISH & CLEANER	CLAIRE	Cleaning Products-General	226	Can	Less than 1	Cubic Ft - gases	3

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0006	ACETONE	67-64-1	1090	10 to 24%	F3
1217	METHYL ACETATE	79-20-9	1231	1 to 9%	F3
1594	PROPANE	74-98-6	1978	10 to 24%	F4

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
STRIP-EASE	ZEP	Floor Stripper	BOILER ROOM	Bottles or jugs (plastic)	10 to 99	Gallons - liquids	50

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0275	2-BUTOXY ETHANOL	111-76-2	2369	25 to 49%	CA
0835	ETHANOLAMINE	141-43-5	2491	10 to 24%	CO

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
SULFURIC ACID, BAKER ANALYZED ACS REAGENT	J.T.BAKER	Laboratory Chemical	231	Bottles or jugs (glass)	1 to 9	Gallons - liquids	15

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1761	SULFURIC ACID	7664-93-9	1830	90 to 99%	CA,CO

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
SUPER KLEEN HEAVY DUTY LAUNDRY DETERGENT	EPIC INDUSTRIES	Cleaning Products-General	MORGUE	Bottles or jugs (plastic)	1 to 9	Gallons - liquids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0686	DIETHANOLAMINE	111-42-2	1760	1 to 9%	CO

EXHIBIT 'F'

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
SUPERIOR HIGH SHINE STAINLESS STEEL CLEANER & POLISH	SPARTAN	Cleaning Products-General	226	Can	Less than 1	Cubic Ft - gases	4

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0273	BUTANE	106-97-8	1011	1 to 9%	F4
1594	PROPANE	74-98-6	1978	10 to 24%	F4

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
TETRAMETHYLAMMONIUM HYDROXIDE SOLUTION 25 WT IN METHANOL	SIGMA-ALDRICH	Laboratory Chemical	231	Bottles or jugs (glass)	Less than 1	Gallons - liquids	15

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1829	TETRAMETHYL AMMONIUM HYDROXIDE	75-59-2	1835	25 to 49%	CO,F3

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
TIDE DETERGENT	P+G	Cleaning Products-General	MORGUE	Box	10 to 99	Pounds - solids	20

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0844	ETHYL ALCOHOL	64-17-5	1170	1 to 9%	CA,F3,MU,TE
3595	PROPYLENE GLYCOL	57-55-6		1 to 9%	

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
TOLUENE	J.T.BAKER/VWR	Laboratory Chemical	208	Bottles or jugs (glass)	1 to 9	Gallons - liquids	10

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1866	TOLUENE	108-88-3	1294	90 to 99%	F3,TE

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
TOLUENE	FISHER	Laboratory Chemical	231	Bottles or jugs (glass)	1 to 9	Gallons - liquids	10

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1866	TOLUENE	108-88-3	1294	90 to 99%	F3,TE

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
TOLUIDINE BLUE 0.25 ALCOHOLIC	POLY SCIENTIFIC	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0844	ETHYL ALCOHOL	64-17-5	1170	Unknown	CA,F3,MU,TE
1076	ISOPROPYL ALCOHOL	67-63-0	1219	Unknown	F3
1222	METHYL ALCOHOL	67-56-1	1230	Unknown	F3,TE

EXHIBIT 'F'

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
TRIETHYLAMINE	FISHER	Laboratory Chemical	231	Bottles or jugs (glass)	Less than 1	Gallons - liquids	15

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1907	TRIETHYLAMINE	121-44-8	1296	100%	F3

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
VAN GIESON`S SOLUTION	POLY SCIENTIFIC	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1946	2,4,6-TRINITROPHENOL	88-89-1	0154	Unknown	F4,R4

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
VWR FIXATIVE DECALCIFIER	VWR	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0946	FORMALDEHYDE	50-00-0	1198	10 to 24%	CA,CO,F4,MU
0948	FORMIC ACID	64-18-6	1779	10 to 24%	CO
1222	METHYL ALCOHOL	67-56-1	1230	1 to 9%	F3,TE

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
VWR RAPID DECALCIFIER	VWR	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1012	HYDROGEN CHLORIDE	7647-01-0	1050	10 to 24%	CO

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
WEIGERT`S HEMATOXYLIN SOLUTION A	POLY SCIENTIFIC	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0844	ETHYL ALCOHOL	64-17-5	1170	Unknown	CA,F3,MU,TE
1076	ISOPROPYL ALCOHOL	67-63-0	1219	Unknown	F3
1222	METHYL ALCOHOL	67-56-1	1230	Unknown	F3,TE

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
WEIGERT`S HEMATOXYLIN SOLUTION B	POLY SCIENTIFIC	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
1012	HYDROGEN CHLORIDE	7647-01-0	1050	Unknown	CO
1034	IRON CHLORIDE	7705-08-0	1773	Unknown	CO

EXHIBIT 'F'

Survey Year 2022
Chemical Inventory
NJ DOH - MEDICAL EXAMINER/NEWARK (Facility ID 99999911032)

Product Name	Manufacturer	Purpose	Location	Container	Inventory	Units	Employees Exposed
WOODSTAIN SCARLET ACID FUCHSIN (B)	POLY SCIENTIFIC	Laboratory Chemical	HISTOLOGY LAB	Bottles or jugs (plastic)	Less than 1	Gallons - liquids	2

Sub No	Hazardous Chemical Name	CAS Number	DOT Number	Mixture	Special HH Code
0004	ACETIC ACID	64-19-7	2789	0.1 to 0.9%	CO

EXHIBIT 'F'

Survey Year 2022
Union Information

(To Be Completed Only When There is More Than One Union At A Facility)

NJ DOH - MEDICAL EXAMINER/NEWARK (Facility ID 99999911032)

Representative Name	Union Name	Local Number	Representative Address	Telephone Number
PENDING	IFPTE	195	186 NORTH MAIN ST MILLTOWN NJ 08850	732-247-0350

EXHIBIT 'F'

Laboratory Scenario

Scenario #1 – LEDT only

1 – Architect (1)

2- Fast GCMS (2)

3 – Personnel -min 3 FTE's

Scenario #3 – Full Lab (LEDT & PM)

1- Architect (1)
2- Fast GCMS (3)
3- LCMSMS (3)
4- Personnel -# of personnel will depend on volume

Additional factors:

CAP certification for Laboratory

ANAB certification for Laboratory

IT connections for LIMS (eLab)

Workstations for personnel.

EXHIBIT 'G'