DESIGN & CONSTRUCTION GROUP
THE GOVERNOR NELSON A. ROCKEFELLER
EMPIRE STATE PLAZA
ALBANY, NY 12242

ADDENDUM NO. 1 TO PROJECT NO. 47528

CONSTRUCTION WORK
PROVIDE TESTING LABORATORY, BUILDING 14
DOT REGION 1, ALBANY COUNTY
STATE OFFICE BUILDING CAMPUS
ALBANY, NY

March 17, 2026

NOTE: This Addendum forms a part of the Contract Documents. Insert it in the Project Manual. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

GENERAL REQUIREMENTS

1. SECTION 015000.01 CONSTRUCTION FACILITIES & TEMPORARY CONTROLS: Discard the Section bound in the Project Manual and substitute the accompanying Section (pages 015000.01 – 1 thru 015000.01 – 8) noted “Addendum 01 03/09/26”.

SPECIFICATIONS

2. SECTION 031000 CONCRETE FORMING AND ACCESSORIES, Paragraph 2.3: Delete this paragraph in its entirety.

3. SECTION 096513 RESILIENT BASE AND ACCESSORIES: Discard the Section bound in the Project Manual and substitute the accompanying Section (pages 096513 – 1 thru 096513 – 5) noted “Addendum 01 03/09/26”.

APPENDIX

4. BDC406.1 STATEMENT OF SPECIAL INSPECTIONS: Discard the Document bound in the Project Manual and substitute the Document (pages 1 thru 7) noted "03/09/26 Addendum 01".

DRAWINGS

5. Revised Drawings:
   a. Drawing Nos. A-411.2, A-421.1, E-102, E-506, E-507, E-613, E-641, E-650, E-710, noted ADDENDUM 1 dated 3/9/2026, accompanies this Addendum and supersedes the same numbered previously issued drawing.

END OF ADDENDUM

Brady M. Sherlock, P.E.
Director, Division of Design
Design & Construction

SECTION 015000.01 - CONSTRUCTION FACILITIES & TEMPORARY CONTROLS

PART 1 - GENERAL

1.1 RELATED WORK SPECIFIED ELSEWHERE

A. Construction Waste Management: Section 017419.01.

B. State Field Office: Section 015213.

C. Construction Heat and Temporary Heat: Section 015123.

D. Submittals: Section 013300.0

E. Ground Loop Heat Pump Piping: Section 232113.33

1.2 PROJECT CONDITIONS

A. Provide construction facilities and temporary controls necessary for the Work.

1. Additions to the construction facilities and temporary controls beyond what is specified will fall to the Contractor to provide and maintain.

1.3 SUBMITTALS:

A. The "Waiver of Certain Submittal Requirements" in Section 013300 does not apply to this Section & that submittal for approval must be provided within 15 days after awarded.

B. Shop Drawings: Site Plan: Show location of field office where proposed to be added to Drawing C-105. Indicate temporary field office utility services, portable toilets, connections and accessible stairs and ramps per NYS Building Code.

1.4 TEMPORARY LIGHT, POWER AND INTERNET

A. Electric energy will be made available, metered and charged back to the contractor, for lighting and for power tools. Refer to contract drawings for temporary power connections at location indicated.

B. Provide temporary substation and medium voltage feeders as indicated on contract drawings. Substation for temporary light and power need not be new if in satisfactory operating condition. Splices for medium voltage feeders to be coordinated with Directors Representative to minimize operational impact to areas outside of contract site.

C. Contractor to provide portable sources of electricity for temporary light and power of adequate capacity to supply all needs for the performance of Work until the temporary substation can be utilized for temporary light and power.

1. Coordination with Director's Representative as needed.

D. Provide feeder circuits as required for temporary office, storage and/or field trailer structures as required to maintain operations and as indicated on contract drawings. Feeder circuits may be underground or overhead on pole lines. When used, install minimum Class 4 poles of height required to maintain at least 25 feet ground clearance under wires. Space wires on cross arms to suit voltage.

E. Provide feeder circuits as required to building as required to maintain operations, power and lighting indicated below, and as indicated on contract drawings. Feeder circuits may be underground or overhead on pole lines. When used, install minimum Class 4 poles of height required to maintain at least 25 feet ground clearance under wires. Space wires on cross arms to suit voltage.

F. Provide wiring and other equipment within the building for temporary light and power.

1. Wiring for temporary light and single-phase power shall, in general, consist of 2-wire, 120 volt or 4 wire, 120/208-volt feeders, with branch circuits of #12 conductors minimum protected at 20A maximum.

a. Install branch circuits with suitable LED lamp holders or fixtures for temporary lighting as required to maintain a minimum of 10-foot candles in the work areas. Equip fixtures and lamp holders with guards. Fixtures and lamp holders installed in damp or wet locations shall be of the weatherproof type.
b. Install branch circuits with fused grounding type receptacle outlets for single phase power (for power tools, etc.).
c. Install 2 circuits with LED lamp holders or fixtures in corridors and stairs. Space fixtures or lamp holders no more than 30 feet apart in corridors. Install fixture or lamp holder at each stair landing. Also install one fixture or lamp holder in each boiler room and mechanical equipment room (connect to the corridor and stair lighting circuits).

1) Keep the corridor and stair lighting maintained and energized 24 hours per day, 7 days per week.

d. Install wiring for 208/120V 3-phase power for machines and other heavy electrical loads with appropriately sized wiring and fused disconnect switches as required. A maximum motor load of 5 hp at 208/120V volts will be permitted on each feeder.

2. Provide site lighting for security purposes.

a. Keep the site lighting maintained and energized from dusk to dawn, 7 days per week.

3. Provide a fused sealed service entrance switch for corridor and stair lighting circuits and site lighting circuits. Locate switch adjacent to and connect to line side of temporary light and power service entrance switch. Stencil cover "CORRIDOR AND STAIR LIGHTING & SITE LIGHTING".
4. Provide lamps and fuses including replacements required.

G. No load on any branch circuit or feeder shall exceed its rated capacity.

H. Provide temporary wiring and equipment in conformance with the National Electrical Code.

I. Materials for temporary light and power need not be new if they are in satisfactory operating condition.

J. Provide ground-fault protection for personnel (such as portable plug-in type ground-fault circuit-interrupters) on single-phase 15- and 20-ampere receptacle outlets which are in use.

K. Receptacle outlets, portable cord connectors and attachment plugs shall have standard NEMA configurations.

L. As the progress of the Work allows, and as approved, completed portions of the permanent wiring and electrical service may be utilized for temporary light and power.

M. Provide temporary lighting for the entirety of Parking Lot Y as required to maintain a minimum of 5-foot candles in the parking lot until new lighting, as shown on contract drawings, is installed and fully operational. Throughout the entire project duration, keep the Parking Lot Y lighting maintained and energized from dusk to dawn, 7 days per week.

N. Provide ground-fault protection for personnel (such as portable plug-in type ground-fault circuit-interrupters) on single-phase 15- and 20-ampere receptacle outlets which are in use.

O. As the progress of the Work allows, and as approved, completed portions of the permanent wiring and electrical service may be utilized for temporary light and power.

P. Contractor is responsible for providing a high speed, secure, internet connection for construction trailers and for work to be performed.

1.5 TEMPORARY WATER

A. Water will be made available for the Work, metered and charged back to the contractor, at source or sources directed within the limits of the existing supply and usage. Temporary water connection for construction trailers is available as shown on Drawings. Backflow prevention is mandatory and required for the temporary water connections to construction trailers.

B. Only with the approval of the Director's Representative will the local to the site fire hydrants be used for potable water supply. Coordinate with the Directors Representative and Campus Utilities department for a temporary meter. Contractor shall Pay for all costs of all such fire hydrant water used for potable water supply purposes.

1. If approval is obtained from the Directors Representative:

    a. The Hydrant in Lot Y cannot be used.

        1) Hoses shall not be run through active parking lots and sidewalks.
        2) Filling of water tanks shall be done at the building 17 service location.
        3) Campus Utilities shall be informed and made aware, thru the Directors Representative, of water operations so they may monitor levels and shall have the right to call for a stoppage at any time due to large drops or other impacts to campus.

C. Prevent waste of water.

D. Protect temporary lines against freezing.

E. Repair damage caused by installation of leaky, defective or broken piping, connections or other fittings.

1.6 TEMPORARY TOILETS

A. Provide temporary toilet facilities for Contractor's and subcontractors employees engaged on the project. Locate toilets where directed and maintain them in a sanitary condition.

NUMBER OF EMPLOYEES	MINIMUM NUMBER OF FACILITIES*
20 or less	1 toilet
20 or more	1 toilet and 1 urinal per 40 employees
200 or more	1 toilet and 1 urinal per 50 employees

*Toilet/Urinal combinations shall count as only one facility.

1. Where water and sewer connections are available, provide water closets, otherwise provide approved chemical or electric toilets.
2. Inside buildings, toilet facilities are no more than 4 stories or 60 feet above or below, nor more than 500 feet travel on the same level from the work location of any person.
3. Locate toilet facilities no more than 1000 feet from any work location.

    a. Exception: Mobile crews who have readily available transportation to nearby toilet facilities.

1.7 TEMPORARY CLOSURES FOR EXTERIOR WALL OPENINGS

A. Whenever necessary, after the building is enclosed, to maintain proper temperatures for the performance of the Work, provide and maintain temporary closures for all openings in exterior walls that are not closed with permanent materials.

B. During the period when plastering is being done and continuing thereafter until the plaster is properly cured, provide exterior window and door openings with temporary closures, regardless of the time of year.

C. Construct temporary closures of 2 x 4 framing sheathed with plywood, waferboard, or 6 mil polyethylene attached to wood frames, as approved and to suit job requirements.

D. Provide closures so that they will afford convenient means of entrance and exit for people having business within the building, afford ample light to permit continued progress of the Work, and exclude inclement weather.

1.8 BARRIERS AND ENCLOSURES

A. Provide barriers during performance of the Work to:

1. Prevent unauthorized entry to work areas.
2. Allow for State's occupancy of areas adjacent to the Site.
3. Protect existing facilities and adjacent properties from damage.
4. Protect vehicular and pedestrian traffic.

B. Scaffolding, Hoist, and Equipment Barriers: Provide temporary fence enclosures as required to prevent unauthorized persons from coming in contact with ground supported scaffolding, hoists, and equipment.

1.9 TEMPORARY FENCE ENCLOSURE

A. Provide temporary fence not less than 8 feet in height above grade.

B. Fabric: 9 gage galvanized steel, or equal gage aluminum, woven together into 2-inch diamond mesh, with both top and bottom edges having a twisted and barbed finish.

C. Posts, Rails, and Connections: Standard galvanized steel products of an approved manufacturer, of the size and types as required and approved. Provide top and bottom rails between all posts secured with bolted connections.

D. Gates: Provide access gates for passage of employees and materials, complete with padlock. Fabricate gates with galvanized steel pipe perimeter covered with same fabric specified for fence. Furnish the Director's Representative with 2 keys per gate. All fence gates will be grounded on each side of gate.

E. Erection: Set posts 4 feet into the ground and not more than 10 feet apart. Install bottom rail not more than 2 inches above existing grade. Pull fabric taut and wire tightly to posts and rails at not more than 2 feet on center.

F. Maintain the temporary fence enclosure throughout the life of the Contract, or until directed to be removed. Replace all items or portions of fence enclosure damaged or destroyed.

1.10 GROUNDS MAINTENANCE

A. Contractor is responsible for mud, snow and ice removal and mowing in all construction areas.

1. Snow and ice staging and relocation must be coordinated with Director's Representative and Facilities.

2. Mowing must be done in all construction areas. There should be no overgrown grass.

    a. Grass should not be taller than 3" before it is mowed.
    b. Clean up clippings.

1.11 PROTECTION OF WORK AND EXISTING PROPERTY

A. Protect installed Work during performance of the Work.

B. Maintain the building in a watertight condition during performance of the Work.

C. Provide temporary and removable protection for installed products. Control activity in immediate work area to prevent damage.

D. Provide protective coverings at wall projections, jambs, sills, and soffits of openings.

E. Protect finished floors, stairs, and other surfaces from traffic, dirt, wear, damage, and movement of heavy objects by covering them with durable sheet materials.

F. Protect smoke detectors from airborne dust and debris.

1. At the beginning of each workday, provide protective coverings over smoke detectors in areas where airborne dust and debris will be generated by the Work.
2. At the end of the workday, clean the areas in which the smoke detectors are located by whatever means necessary to assure that airborne dust and debris will not contaminate the smoke detectors, then remove protective coverings.
3. Provide signs, instructions, and alternate methods for reporting a fire during the period that the smoke detectors are covered.
4. Notify the Director's Representative and have procedures approved.

G. Prohibit traffic or storage upon waterproofed and roofed surfaces. If traffic or activity is necessary, obtain recommendations for protection from waterproofing or roofing material manufacturers.

H. Protect existing trees and plants during performance of the Work unless otherwise indicated. Box trees and plants within the grading limit lines. Do not deposit excavated materials or store building materials around trees or plants. Do not attach guy wires to trees.

I. Prohibit traffic from landscaped areas.

J. Cleaning tools of cementitious and other insoluble materials:

1. Do not wash tools in sinks or other sanitary drainage systems. Protect all drainage systems from debris that can clog or damage piping and fixtures.
2. Take all precautions necessary to prevent cementitious and other insoluble materials from flowing into floor drains.

3. Dispose of excess cementitious and other insoluble debris with the other rubbish.

1.12 WATER CONTROLS

A. Provide and maintain pumping equipment necessary to keep the work areas free from water. Discharge water into existing storm drainage systems or otherwise disperse as directed.

1. Refer to Storm Water Pollution Prevention Plan located in Appendices.

1.13 FIRE PREVENTION

A. Take precautions necessary to prevent fires.

B. Fuel for cutting and heating torches shall be gas only and shall be contained in Underwriters Laboratory approved containers.

C. Furnish and maintain a currently inspected 20-pound capacity multi-class ABC fire extinguisher in the immediate vicinity where welding tools or torches are in use.

D. Furnish and maintain a currently inspected fire extinguisher of the appropriate class and size whenever the temporary storage of materials changes that areas classification of fire load or life safety.

E. Do not use flammable liquids, other than those specified, within a building without written approval from the Director's Representative.

F. Tarpaulins shall be flameproof and shall be securely anchored when attached to scaffolding or when used to enclose any portion of a building.

G. If required by the nature of the work and facility regulations, the Contractor shall obtain from the facility and pay all costs associated with "Hot Work Permits" including fire watches to execute the work of its contract. Perform hot work in accordance with the Fire Code of New York State and the Hot Work Program approved for the work. Prior to, during and after performing hot work, inspect the hot work area for compliance with the requirements of the permitted Hot Work Program.

1. Post signage "Caution: Hot Work in Progress - Stay Clear" in conspicuous locations warning others before they enter a hot work area where the area is accessible to persons other than the operator of the hot work equipment.
2. See applicable facility permits and conditions bound in the Appendix.

1.14 ACCESS ROADS

A. Routes of ingress and egress on the premises to the location of the Work shall be as directed.

B. Keep designated access roads clear of dirt and debris resulting from the Work.

C. Provide means of removing mud from vehicle wheels before entering paved roads.

1.15 PARKING

A. There is no parking on the grounds of Harriman State Campus except for vehicles delivering material and equipment while they are being unloaded. This includes all existing and future parking lots on the Harriman State Campus for the duration of construction. The SUNY ETEC facility located at 1220 Washington Ave is also not available for parking for the duration of construction.

1. Contractor is responsible for determining where staff will park off site and how staff will be shuttled to the site.
2. A copy of the shuttling plan will need to be shared with Director's Representative prior to being utilized for approval.
3. Keep parking areas defined in shuttling plan clear of dirt and debris resulting from the Work.
4. If requested, register vehicles which are to be parked at the Facility with the Facility Safety/Security Department.
5. Remove ignition keys from unattended vehicles and lock doors.

1.16 RUBBISH REMOVAL

A. Clean up and containerize the rubbish (refuse, debris, waste materials, and removed materials and equipment) resulting from the Work at the end of each workday and leave work areas broom clean, except where more stringent cleaning is specified. Locate containerized rubbish where directed.

B. Remove rubbish from State property at least once a week and more often if the rubbish presents a hazard. Properly dispose of rubbish.

C. Burning of rubbish will not be permitted.

D. Also comply with the requirements of Section 017419.01.

1.17 RELOCATION AND REMOVALS

A. Should a change in location of any construction facilities and temporary controls be necessary to progress the Work properly, remove and relocate such items as directed.

B. Remove the construction facilities and temporary controls when they are no longer required. Restore permanent facilities used for or connected to temporary facilities to their original condition or better.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION 015000

SECTION 096513 - RESILIENT BASE AND ACCESSORIES

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Thermoplastic-rubber base.
2. Rubber molding accessories.

1.2 SUBMITTALS

A. General: Submittals for this section are subject to the re-evaluation fee identified in Article 4 of the General Conditions.

B. Manufacturer’s installation instructions shall be provided along with product data.

C. Submittals shall be provided in the order in which they are specified and tabbed (for combined submittals).

D. Product Data: For each type of product.

E. Samples for Verification: For each type of product indicated and for each color, texture, and pattern required in manufacturer's standard-size Samples, but not less than 12 inches long.

F. Product Schedule: For resilient base and accessory products. Use same designations indicated on Drawings.

1.3 MAINTENANCE MATERIAL SUBMITTALS

A. Furnish extra materials, from the same product run, that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.

1. Furnish not less than 10 linear feet for every 500 linear feet or fraction thereof, of each type, color, pattern, and size of resilient product installed.

1.4 QUALITY ASSURANCE

A. Mockups: Build mockups to verify selections made under Sample submittals, to demonstrate aesthetic effects, and to set quality standards for materials and execution.

1. Coordinate mockups in this Section with mockups specified in other Sections.

2. Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Director's Representative specifically approves such deviations in writing.
3. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.5 DELIVERY, STORAGE, AND HANDLING

A. Store resilient products and installation materials in dry spaces protected from the weather, with ambient temperatures maintained within range recommended by manufacturer, but not less than 50 deg F or more than 90 deg F.

1.6 FIELD CONDITIONS

A. Maintain ambient temperatures within range recommended by manufacturer, but not less than 70 deg F or more than 95 deg F, in spaces to receive resilient products during the following periods:

1. 48 hours before installation.
2. During installation.
3. 48 hours after installation.

B. After installation and until Substantial Completion, maintain ambient temperatures within range recommended by manufacturer, but not less than 55 deg F or more than 95 deg F.

C. Install resilient products after other finishing operations, including painting, have been completed.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. Fire-Test-Response Characteristics: For resilient floor base and accessories, as determined by testing identical products according to ASTM E648 or NFPA 253 by a qualified testing agency.

1. Critical Radiant Flux Classification: Class I, not less than 0.45 W/sq. cm.

2.2 THERMOPLASTIC-RUBBER BASE

A. Rubber Wall Base (RB-1A, RB-1B, RB-1C and RB-2): ASTM F 1861, Type TP, Group 2, Style B, 1/8" thick, smooth surface, and as follows:

1. Height:

a. RB-1A, RB-1B and RB-1C: 4"
b. RB-2: 6"

2. Style:

    a. RB1A, RB1B and RB2: Cove base with toe (set-on type)
    b. RB1C: No toe base; straight

3. Lengths: 120 ft roll.
4. Inside and Outside Corners: Preformed.
5. Warranty: 5 years.
6. Colors:

    a. RB1A: 174 Smoke
    b. RB1B and RB2: 123 Charcoal
    c. RB1C: 100 Black

7. Basis of Design Products: 700 Series TP Rubber Wall Base by Roppe, or equal products by one of the following:

    a. Armstrong Flooring.
    b. Johnsonite; a Tarkett company

2.3 RUBBER MOLDING ACCESSORY (T-4 A, B, C and D)

A. Basis of Design Manufacturer: Roppe Corporation; Roppe Holding Company.

B. Description: Rubber reducer strip for resilient floor covering.

C. Profile and Dimensions: As indicated and scheduled on the Drawings.

D. Locations: Provide rubber molding accessories in areas indicated.

E. Colors and Patterns:

1. T4A: Roppe 114 Lunar Dust; use with R-1
2. T4B: Roppe 178 Pewter; use with R-2
3. T4C: Roppe 123 Charcoal; use with R-3
4. T4D: Roppe 174 Smoke; use with R-5 and 6

2.4 INSTALLATION MATERIALS

A. Trowelable Leveling and Patching Compounds: Latex-modified, portland-cement-based or blended hydraulic-cement-based formulation provided or approved by resilient-product manufacturer for applications indicated.

B. Adhesives: Water-resistant type recommended by resilient-product manufacturer for resilient products and substrate conditions indicated.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates, with Installer present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the Work.

1. Verify that finishes of substrates comply with tolerances and other requirements specified in other Sections and that substrates are free of cracks, ridges, depressions, scale, and foreign deposits that might interfere with adhesion of resilient products.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

1. Installation of resilient products indicates acceptance of surfaces and conditions.

3.2 PREPARATION

A. Prepare substrates according to manufacturer's written instructions to ensure adhesion of resilient products.

B. Fill cracks, holes, and depressions in substrates with trowelable leveling and patching compound; remove bumps and ridges to produce a uniform and smooth substrate.

C. Do not install resilient products until materials are the same temperature as space where they are to be installed.

1. At least 48 hours in advance of installation, move resilient products and installation materials into spaces where they will be installed.

D. Immediately before installation, sweep and vacuum clean substrates to be covered by resilient products.

3.3 RESILIENT BASE INSTALLATION

A. Comply with manufacturer's written instructions for installing resilient base.

B. Apply resilient base to walls, columns, pilasters, casework and cabinets in toe spaces, and other permanent fixtures in rooms and areas where base is required.

C. Install resilient base in lengths as long as practical without gaps at seams and with tops of adjacent pieces aligned.

D. Tightly adhere resilient base to substrate throughout length of each piece, with base in continuous contact with horizontal and vertical substrates.

E. Do not stretch resilient base during installation.

F. On masonry surfaces or other similar irregular substrates, fill voids along top edge of resilient base with manufacturer's recommended adhesive filler material.

G. Preformed Corners: Install preformed corners before installing straight pieces.

3.4 RESILIENT ACCESSORY INSTALLATION

A. Comply with manufacturer's written instructions for installing resilient accessories.

B. Resilient Molding Accessories: Butt to adjacent materials and tightly adhere to substrates throughout length of each piece. Install reducer strips at edges of floor covering that would otherwise be exposed.

3.5 CLEANING AND PROTECTION

A. Comply with manufacturer's written instructions for cleaning and protecting resilient products.

B. Perform the following operations immediately after completing resilient-product installation:

1. Remove adhesive and other blemishes from surfaces.

C. Protect resilient products from mars, marks, indentations, and other damage from construction operations and placement of equipment and fixtures during remainder of construction period.

END OF SECTION 096513

NEW YORK STATE | Office of General Services

Design and Construction

Division of Codes & Construction Permitting, 33rd Floor, Corning Tower
The Governor Nelson A. Rockefeller Empire State Plaza
Albany, New York 12242
Phone: (518) 474-1314

STATEMENT OF SPECIAL INSPECTIONS

Project No.: 47528

Instructions: BCNYS Section 1704.2.3 requires the project Design Professional to complete the Statement of Special Inspections *as a condition for issuance of the Construction Permit.* Complete each section of this form as applicable, and submit it to the Code Compliance Manager with the Summary of Special Inspections (BDC 406).

PROJECT INFORMATION:	**DESIGNER INFORMATION:**		**CONSTRUCTION INFORMATION**:	
Project Description: *(Project Title, Facility Name and Address)* ***Provide Testing Laboratory, Building 14*** ***DOT Region 1, Albany County*** ***State Office Building Campus,*** ***Albany, NY 12226***	Architect/Engineer/Consultant: CHA Consulting, Inc.		Engineer- In-Charge:	Region:
	Name of Person Completing Form: *(if different from above)* Heather Wyld, PE		Name of Person Completing Form: *(if different from above)*	
	Phone: 518-453-4718	Date: 2/25/26	Phone:	Date:
Business Unit: ***Business Unit 5***	Comments: 03/09/26 Addendum 01		Comments:	
Team Leader: Bryan Jones, PE				

Check if Required	INSPECTION AND TESTING Continuous and Periodic as defined by the BCNYS	Continuous	Periodic	REFERENCE STANDARD	BCNYS REFERENCE	SPEC SECTION	COMMENTS	REGIONAL INSPECTION ASSIGNMENTS
	A. Steel Construction				1705.2			
☒	1. Structural steel.	☐	☒	AISC 360 Chapter N.5	1705.2, 1705.2.1	051201		
☒	2. Cold-formed steel deck.		☒	SDI QA/QC 2011	1705.2, 1705.2.2	053100		
☐	3. Installation of open-web steel joist and joist girders.		☐	SJI specification (Section 2207.1)	1705.2, 1705.2.3, 1705.2.4			
	B. Concrete Construction				1705.3			
☒	1. Inspection of reinforcing steel, including prestressing tendons, and placement.		☒	ACI 318: Ch. 20, 25.2, 25.3, 26.6.1-26.6.3	1705.3, 1908.4	033000		

Check if Required	INSPECTION AND TESTING Continuous and Periodic as defined by the BCNYS	Continuous	Periodic	REFERENCE STANDARD	BCNYS REFERENCE	SPEC SECTION	COMMENTS	REGIONAL INSPECTION ASSIGNMENTS
	B. Concrete Construction				1705.3			
☐	2a. Reinforcing bar welding - Weldability of reinforcing bars other than ASTM A706.		☐	AWS D1.4; ACI 318: 26.6.4	1705.3, 1705.3.1			
☒	2b. Reinforcing bar welding - Single-pass fillet welds, maximum 5/16 inches.		☒	AWS D1.4; ACI 318: 26.6.4	1705.3, 1705.3.1	033000 051200		
☒	2c. Reinforcing bar welding - All other welds.	☒		AWS D1.4; ACI 318: 26.6.4	1705.3, 1705.3.1	033000 051200		
☒	3. Cast in concrete anchorage.		☒	ACI 318: 17.8.2	1705.3	033000		
☒	4a. Post installed concrete members - Adhesive anchors installed horizontally or upwardly inclined to resist sustained tension loads.	☒		ACI 318: 17.8.2.4	1705.3	033000		
☒	4b. Post installed concrete members - Mechanical anchors and adhesive anchors not defined in 4.a.		☒	ACI 318: 17.8.2		033000		
☒	5. Verify use of required design mix.		☒	ACI 318: Ch. 19, 26.4.3, 26.4.4	1705.3, 1904.1, 1904.2, 1908.2, 1908.3	033000		
☒	6. Sampling fresh concrete: slump, air content, temperature, strength test specimens.	☒		ASTM C 172, ASTM C31; ACI 318: 26.4, 26.12	1705.3, 1908.10	033000		
☒	7. Inspect concrete and shotcrete placement for proper application techniques.	☒		ACI 318: 26.5	1705.3, 1908.6, 1908.7, 1908.8	033000		
☒	8. Inspection for maintenance of specified curing temperature and techniques.		☒	ACI 318: 26.5.3-26.5.5	1705.3, 1908.9	033000		
☐	9. Inspection of prestressed concrete.	☐		ACI 318: 26.10	1705.3			

Check if Required	INSPECTION AND TESTING Continuous and Periodic as defined by the BCNYS	Continuous	Periodic	REFERENCE STANDARD	BCNYS REFERENCE	SPEC SECTION	COMMENTS	REGIONAL INSPECTION ASSIGNMENTS
☐	10. Erection of precast concrete members.		☐	ACI 318: Ch. 26.8	1705.3			
☐	11. Verification of in-situ concrete strength prior to stressing of tendons in post-tensioned concrete and prior to removal of shores and forms from beams and slabs.		☐	ACI 318: 26.11.2	1705.3			
☒	12. Inspect formwork for shape, location and dimensions of the concrete member being formed.		☒	ACI 318: 26.11.1.2(b)		033000		
☒	13. Material Tests – In absence of sufficient data or documentation for materials.		☒	ACI 318 Ch. 19 and 20		033000		
	C. Masonry Construction				1705.4			
☐	1. Masonry construction.	☐	☐	ACI 530/ ASCE 5/TMS 402 and ACI 530.1/ ASCE 6/TMS 602 Ch. 3	1705.4			
☐	2. Empirically designed masonry, glass unit masonry and masonry veneer in Risk Category IV.		☐	TMS 402/ ACI530/ ASCE 5 Level B Ch. 3	1705.4.1, 2109, 2110, or Ch. 14			
☐	3. Vertical masonry foundation elements.	☐	☐		1705.4, 1705.4.2			
	D. Wood Construction				1705.5			
☐	1. Wood construction- Fabrication of wood structural elements and assemblies.		☐		1705.5, 1704.2.5			
☐	2. High-load Diaphragms.		☐		1705.5, 1705.5.1, 2306.2,1704.2			

Check if Required	INSPECTION AND TESTING Continuous and Periodic as defined by the BCNYS	Continuous	Periodic	REFERENCE STANDARD	BCNYS REFERENCE	SPEC SECTION	COMMENTS	REGIONAL INSPECTION ASSIGNMENTS
	D. Wood Construction				1705.5			
☐	3. Metal-plate-connected wood trusses spanning 60 feet or greater (temp. and perm. installation).		☐		1705.5.2			
	E. Soils				1705.6			
☒	1. Subgrade inspection.		☒		1705.6	310000		
☒	2. Classification and testing of compacted fill materials.		☒		1705.6	310000		
☒	3. Evaluation of in-place density and lift thickness.	☒			1705.6	310000		
☐	**F. Driven Deep Foundations** Installation and load tests (if applicable).	☐			1705.7			
☐	**G. Cast-In-Place Deep Foundations** Installation, end bearing strata, and load tests (if applicable).	☐			1705.8			
☐	**H. Helical Pile Foundation** Installation and load tests (is applicable).	☐			1705.9			
☐	**I. Fabricated Items**		☐		1705.10, 1704.2.5			
☐	**J. Wind Resistance** Applicable in Exposure Category B with a basic wind speed of 120 mph and Exposure Categories C or D with basic wind speed of 110 mph or greater.				1705.11			
☐	1a. Structural wood - Field gluing operation of elements of main wind force-resisting system (MWRS).	☐			1705.11.1			

Check if Required	INSPECTION AND TESTING Continuous and Periodic as defined by the BCNYS	Continuous	Periodic	REFERENCE STANDARD	BCNYS REFERENCE	SPEC SECTION	COMMENTS	REGIONAL INSPECTION ASSIGNMENTS
☒	**J. Wind Resistance** Applicable in Exposure Category B with a basic wind speed of 120 mph and Exposure Categories C or D with basic wind speed of 110 mph or greater.				1705.11			
☐	1a. Field Gluing	☐			1705.11.1			
☐	1b. Structural wood - Nailing, bolting, anchoring, and fastening elements of the MWRS.		☐		1705.11.1			
☐	2a. Cold formed steel - Welding operations of elements of MWRS.		☐		1705.11.2			
☐	2b. Cold formed steel - Screw attachments, bolting, anchoring, and fastening of elements of MWRS.		☐		1705.11.2			
☒	3. Wind-resisting components – Roof covering, roof deck, and roof framing connections. Exterior wall covering and wall connections to roof and floor diaphragms and framing.		☒		1705.11, 1705.11.3	074213.19 074213.23 074646 075323 051200; 053100		
☐	**K. Special Inspections for Seismic Resistance** Applicable to specific structures, systems, and components.				1705.12			
☐	1. Structural steel - Seismic force-resisting systems & elements.	☐		AISC 341 Ch. J	1705.12.1.1 or 1705.12.1.2			
☐	2a. Structural wood - Field gluing operation of elements of seismic force-resisting system (SFRS).	☐			1705.12.2			
☐	2b. Structural wood - Nailing, bolting, anchoring, and fastening of elements of SFRS.		☐		1705.12.2			

Check if Required	INSPECTION AND TESTING Continuous and Periodic as defined by the BCNYS	Continuous	Periodic	REFERENCE STANDARD	BCNYS REFERENCE	SPEC SECTION	COMMENTS	REGIONAL INSPECTION ASSIGNMENTS
	K. Special Inspections for Seismic Resistance Applicable to specific structures, systems, and components.				1705.12			
☐	3. Cold-formed steel framing – welding and fasteners.		☐		1705.12.3			
☐	4. Designated seismic systems – verify that label, anchorage, and mounting conforms to the certificate of compliance.		☐	ASCE 7 Section 13.2.2	1705.12.4			
☐	5. Architectural components.		☐		1705.12.5			
☐	6. Plumbing, Mechanical and electrical components.		☐		1705.12.6			
☒	7. Storage racks and access floors.		☒		1705.12.7,	105613		
☐	8. Seismic isolation systems.		☐		1705.12.8			
☐	9. Cold-formed steel special bolted moment frames.		☐		1705.12.9			
☐	**L. Structural Testing for Seismic Resistance** Applicable to specific structures, systems, and components.				1705.13			
☐	1. Structural steel.	☐	☐	AISC 341 Ch. J	1705.13.1			
☐	2. Nonstructural components.		☐	ASCE 7 Section 13.2.1	1705.13.2			
☐	3. Designated seismic systems.		☐	ASCE 7 Section 13.2.2	1705.13.3			

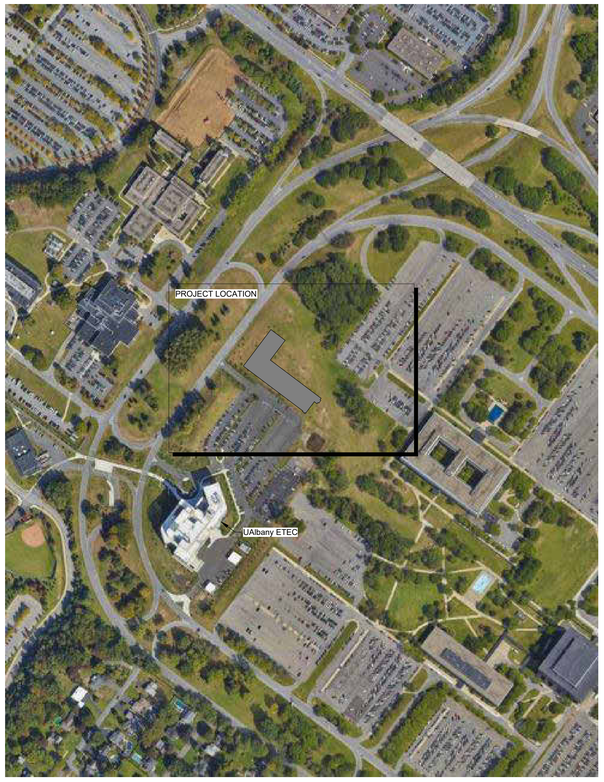
Check if Required	INSPECTION AND TESTING Continuous and Periodic as defined by the BCNYS	Continuous	Periodic	REFERENCE STANDARD	BCNYS REFERENCE	SPEC SECTION	COMMENTS	REGIONAL INSPECTION ASSIGNMENTS
	L. Structural Testing for Seismic Resistance Applicable to specific structures, systems, and components.				1705.13			
☐	4. Seismic isolation systems.		☐	ASCE 7 Section 17.8	1705.13.4			
	M. Sprayed Fire-Resistant Materials [BF]				1705.14			
☒	1. Physical and visual tests.		☒		1705.14.1	078100		
☒	2. Structural member surface conditions.		☒		1705.14.2	078100		
☒	3. Application.		☒		1705.14.3	078100		
☒	4. Thickness.		☒	ASTM E 605	1705.14.4	078100		
☒	5. Density.		☒	ASTM E 605	1705.14.5	078100		
☒	6. Bond strength.		☒	ASTM E 736	1705.14.6	078100		
☐	**N. Mastic and Intumescent Fire-Resistant Coatings [BF]**		☐	AWCI 12-B	1705.15			
☐	**O. Exterior Insulation and Finish Systems (EIFS)**		☐	ASTM E2570	1705.16			
☒	**P. Fire-Resistant Penetrations and Joints [BF]** High rise building or buildings assigned to risk category III or IV		☒	ASTM E2174 ASTM E2393	1705.17	078443		
☐	**Q. Testing for Smoking Control [F]**		☐		1705.18			

Provide Testing Laboratory, Building 14

DOT Region 1, Albany County
State Office Building Campus
Albany, NY

O.G.S. PROJECT NO. 47528-C

BID DOCUMENT
01/13/2026



PROJECT NORTH TRUE NORTH

LOCATION PLAN

NEW YORK STATE | Office of General Services

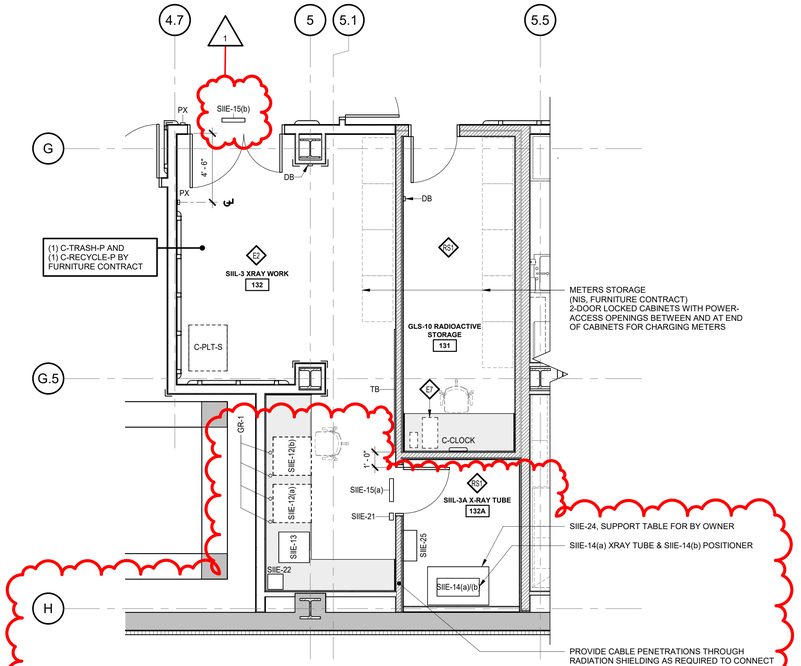
SHEET NUMBER	SHEET LIST - 2
FIRE PROTECTION	
F-001	LEGEND, ABBREVIATIONS AND SYMBOLS
F-101	LEVEL 1 FIRE PROTECTION PIPING PLAN - SECTION A
F-102	LEVEL 1 FIRE PROTECTION PIPING PLAN - SECTION B
F-103	LEVEL 2 FIRE PROTECTION PIPING PLAN - SECTION A
F-104	LEVEL 2 FIRE PROTECTION PIPING PLAN - SECTION B
F-105	LEVEL 3 FIRE PROTECTION PIPING PLAN - SECTION A
F-106	LEVEL 3 FIRE PROTECTION PIPING PLAN - SECTION B
F-107	LEVEL 4 FIRE PROTECTION PIPING PLAN - SECTION A
F-108	LEVEL 4 FIRE PROTECTION PIPING PLAN - SECTION B
F-109	MECHANICAL PENTHOUSE AND ROOF PIPING PLAN
F-300	FIRE PROTECTION RISER DIAGRAMS
F-500	DETAILS
F-501	SCHEDULES
PLUMBING	
P-001	ABBREVIATIONS, SYMBOLS & GENERAL NOTES
P-101A	LEVEL 1 DOMESTIC WATER PLAN - AREA A
P-101B	LEVEL 1 DOMESTIC WATER PLAN - AREA B
P-102A	LEVEL 2 DOMESTIC WATER PLAN - AREA A
P-102B	LEVEL 2 DOMESTIC WATER PLAN - AREA B
P-103A	LEVEL 3 DOMESTIC WATER PLAN - AREA A
P-103B	LEVEL 3 DOMESTIC WATER PLAN - AREA B
P-104A	LEVEL 4 DOMESTIC WATER PLAN - AREA A
P-104B	LEVEL 4 DOMESTIC WATER PLAN - AREA B
P-105	ROOF/MECH PENTHOUSE DOMESTIC WATER PLAN - AREA C
P-200A	UNDERSLAB PROCESS PIPING PLAN - AREA A
P-201A	LEVEL 1 PROCESS PIPING PLAN - AREA A
P-201B	LEVEL 1 PROCESS PIPING PLAN - AREA B
P-202A	LEVEL 2 PROCESS PIPING PLAN - AREA A
P-202B	LEVEL 2 PROCESS PIPING PLAN - AREA B
P-203A	LEVEL 3 PROCESS PIPING PLAN - AREA A
P-203B	LEVEL 3 PROCESS PIPING PLAN - AREA B
P-204A	LEVEL 4 PROCESS PIPING PLAN - AREA A
P-204B	LEVEL 4 PROCESS PIPING PLAN - AREA B
P-205	ROOF/MECH PENTHOUSE PROCESS PIPING PLAN – AREA C
P-300A	UNDERSLAB SANITARY & VENT PLAN - AREA A
P-300B	UNDERSLAB SANITARY & VENT PLAN - AREA B
P-301A	LEVEL 1 SANITARY & VENT PLUMBING PLAN - AREA A
P-301B	LEVEL 1 SANITARY & VENT PLUMBING PLAN - AREA B
P-302A	LEVEL 2 SANITARY & VENT PLUMBING PLAN - AREA A
P-302B	LEVEL 2 SANITARY & VENT PLUMBING PLAN - AREA B
P-303A	LEVEL 3 SANITARY & VENT PLUMBING PLAN - AREA A
P-303B	LEVEL 3 SANITARY & VENT PLUMBING PLAN - AREA B
P-304A	LEVEL 4 SANITARY & VENT PLUMBING PLAN - AREA A
P-304B	LEVEL 4 SANITARY & VENT PLUMBING PLAN - AREA B
P-305	ROOF/MECH PENTHOUSE SANITARY & VENT PLUMBING PLAN – AREA C
P-401	ENLARGED PLUMBING PLANS
P-501	PLUMBING FIXTURE DETAILS
P-502	SULFATE TANK DETAILS
P-601	PLUMBING FIXTURE SCHEDULES
P-701	DOMESTIC WATER RISER DIAGRAM
P-702A	SANITARY WASTE & VENT RISER DIAGRAM - AREA A
P-702B	SANITARY WASTE & VENT RISER DIAGRAM - AREA B
P-703	NATURAL GAS RISER DIAGRAM
P-704	COMPRESSED AIR RISER DIAGRAM
P-705	LAB PROCESS WATER DIAGRAM
P-706	STORM RISER DIAGRAM
MECHANICAL	
M-001	LEGEND, ABBREVIATIONS AND SYMBOLS
M-002	GEOTHERMAL SITE PLAN
M-003	GEOTHERMAL PLAN AND PROFILE 1
M-004	GEOTHERMAL PLAN AND PROFILE 2
M-101	LEVEL 1 DUCTWORK PLAN - AREA A
M-102	LEVEL 1 DUCTWORK PLAN - AREA B
M-103	LEVEL 2 DUCTWORK PLAN - AREA A
M-104	LEVEL 2 DUCTWORK PLAN - AREA B
M-105	LEVEL 3 DUCTWORK PLAN - AREA A
M-106	LEVEL 3 DUCTWORK PLAN - AREA B
M-107	LEVEL 4 DUCTWORK PLAN - AREA A
M-108	LEVEL 4 DUCTWORK PLAN - AREA B
M-109	PENTHOUSE & ROOF DUCTWORK PLAN A
M-110	ROOF DUCTWORK PLAN B
M-201	UNDERSLAB PIPING PLAN - AREA A
M-202	UNDERSLAB PIPING PLAN - AREA B
M-203	LEVEL 1 PIPING PLAN - AREA A
M-204	LEVEL 1 PIPING PLAN - AREA B
M-205	LEVEL 2 PIPING PLAN - AREA A
M-206	LEVEL 2 PIPING PLAN - AREA B
M-207	LEVEL 3 PIPING PLAN - AREA A
M-208	LEVEL 3 PIPING PLAN - AREA B
M-209	LEVEL 4 PIPING PLAN - AREA A
M-210	LEVEL 4 PIPING PLAN - AREA B
M-211	PENTHOUSE & ROOF PIPING PLAN
M-212	ROOF PIPING PLAN B
M-301	LEVEL 2 DUCTWORK PLAN - AREA A - ENLARGED PLAN
M-302	LEVEL 2 DUCTWORK PLAN - AREA B - ENLARGED PLAN
M-303	LEVEL 3 DUCTWORK PLAN - AREA A - ENLARGED PLAN
M-304	LEVEL 3 DUCTWORK PLAN - AREA B - ENLARGED PLAN
M-305	LEVEL 4 DUCTWORK PLAN - AREA A - ENLARGED PLAN
M-306	LEVEL 4 DUCTWORK PLAN - AREA B - ENLARGED PLAN
M-307	3D VIEWS
M-308	SECTIONS
M-401	LEVEL 1 AIRFLOW & PRESSURIZATION PLAN
M-402	LEVEL 2 AIRFLOW & PRESSURIZATION PLAN
M-403	LEVEL 3 AIRFLOW & PRESSURIZATION PLAN
M-404	LEVEL 4 AIRFLOW & PRESSURIZATION PLAN
M-501	HYDRONIC CONTROL & FLOW DIAGRAMS
M-502	HYDRONIC SYSTEM CONTROL POINTS LIST
M-503	AIRFLOW DIAGRAMS - OVERALL BUILDING
M-504	AIRFLOW DIAGRAMS - ROOMS
M-505	AIRFLOW DIAGRAMS - ROOMS
M-506	AIRFLOW DIAGRAMS - ROOMS
M-507	AIRFLOW DIAGRAMS - ROOMS
M-508	AIRFLOW DIAGRAMS - ROOMS

SHEET NUMBER	SHEET LIST - 2
M-509	AIRFLOW DIAGRAMS - ROOMS
M-510	AIRFLOW DIAGRAMS - ROOMS
M-511	AIRFLOW & CONTROLS DIAGRAMS
M-512	AIRFLOW & CONTROLS DIAGRAMS
M-601	MECHANICAL DETAILS
M-602	MECHANICAL DETAILS
M-603	MECHANICAL FRAMING DETAILS
M-604	MECHANICAL FRAMING DETAILS
M-701	MECHANICAL SCHEDULES
M-702	MECHANICAL SCHEDULES
M-703	MECHANICAL SCHEDULES
ELECTRICAL	
E-001	ELECTRICAL NOTES, SYMBOL LIST AND ABBREVIATIONS
E-051	ELECTRICAL SITE PLAN
E-052	ELECTRICAL SITE PLAN
E-053	ELECTRICAL SITE PLAN
E-054	ELECTRICAL SITE PLAN
E-101	LEVEL 1 ELECTRICAL POWER PLAN - SECTION A
E-102	LEVEL 1 ELECTRICAL POWER PLAN - SECTION B
E-103	LEVEL 2 ELECTRICAL POWER PLAN - SECTION A
E-104	LEVEL 2 ELECTRICAL POWER PLAN - SECTION B
E-105	LEVEL 3 ELECTRICAL POWER PLAN - SECTION A
E-106	LEVEL 3 ELECTRICAL POWER PLAN - SECTION B
E-107	LEVEL 4 ELECTRICAL POWER PLAN - SECTION A
E-108	LEVEL 4 ELECTRICAL POWER PLAN - SECTION B
E-109	PENTHOUSE ELECTRICAL POWER PLAN
E-110	LEVEL 1 BUSWAY ELECTRICAL POWER PLAN - SECTION B
E-111	LEVEL 1 ELECTRICAL UNDER SLAB PLAN - SECTION A
E-112	LEVEL 1 ELECTRICAL UNDER SLAB PLAN - SECTION B
E-113	LEVEL 2 ELECTRICAL UNDER SLAB PLAN - SECTION B
E-201	LEVEL 1 ELECTRICAL LIGHTING PLAN - SECTION A
E-202	LEVEL 1 ELECTRICAL LIGHTING PLAN - SECTION B
E-203	LEVEL 2 ELECTRICAL LIGHTING PLAN - SECTION A
E-204	LEVEL 2 ELECTRICAL LIGHTING PLAN - SECTION B
E-205	LEVEL 3 ELECTRICAL LIGHTING PLAN - SECTION A
E-206	LEVEL 3 ELECTRICAL LIGHTING PLAN - SECTION B
E-207	LEVEL 4 ELECTRICAL LIGHTING PLAN - SECTION A
E-208	LEVEL 4 ELECTRICAL LIGHTING PLAN - SECTION B
E-209	PENTHOUSE ELECTRICAL LIGHTING PLAN
E-301	LEVEL 1 ELECTRICAL SPECIAL SYSTEMS PLAN - SECTION A
E-302	LEVEL 1 ELECTRICAL SPECIAL SYSTEMS PLAN - SECTION B
E-303	LEVEL 2 ELECTRICAL SPECIAL SYSTEMS PLAN - SECTION A
E-304	LEVEL 2 ELECTRICAL SPECIAL SYSTEMS PLAN - SECTION B
E-305	LEVEL 3 ELECTRICAL SPECIAL SYSTEMS PLAN - SECTION A
E-307	LEVEL 4 ELECTRICAL SPECIAL SYSTEMS PLAN - SECTION A
E-401	LEVEL 1 ELECTRICAL DATA PLAN - SECTION A
E-402	LEVEL 1 ELECTRICAL DATA PLAN - SECTION B
E-403	LEVEL 2 ELECTRICAL DATA PLAN - SECTION A
E-404	LEVEL 2 ELECTRICAL DATA PLAN - SECTION B
E-405	LEVEL 3 ELECTRICAL DATA PLAN - SECTION A
E-406	LEVEL 3 ELECTRICAL DATA PLAN - SECTION B
E-407	LEVEL 4 ELECTRICAL DATA PLAN - SECTION A
E-408	LEVEL 4 ELECTRICAL DATA PLAN - SECTION B
E-409	PENTHOUSE ELECTRICAL DATA PLAN
E-500	ENLARGED PLANS - SUBSTATION AREA
E-501	SUBSTATION CONDUIT ELEVATION
E-502	ENLARGED PLANS - ELECTRICAL & IT ROOMS LEVELS 1-4
E-503	BUSWAY AND SCREEN WALL ELEVATION CROSS SECTION
E-504	ELECTRIAL ROOM CONDUIT ELEVATION CROSS SECTION
E-505	IT ROOM CONDUITS THROUGH FLOOR ELEVATIONS
E-506	ENLARGED PLANS - SIIL-3 XRAY WORK & SIIL-3A X-RAY TUBE AND CONTROL RISER
E-507	BUILDING 22 - IT ROUTE
E-610	ELECTRICAL ONE-LINE LEGEND AND WIRE SIZING TABLE
E-611	ELECTRICAL SERVICE ONE-LINE
E-612	ELECTRICAL DISTRIBUTION ONE-LINE
E-613	ELECTRICAL DISTRIBUTION ONE-LINE
E-621	GROUNDING RISER DIAGRAM
E-622	TELECOMMUNICATIONS GROUNDING RISER
E-631	IT RISER DIAGRAM
E-632	LIGHTING CONTROLS RISER DIAGRAM
E-633	ELEVATOR COMMUNICATIONS AND SUBSTATION MONITORING CONTROL RISER DIAGRAMS
E-641	ELECTRICAL SCHEDULES
E-642	EQUIPMENT CONNECTION SCHEDULES
E-643	EQUIPMENT CONNECTION SCHEDULES
E-644	EQUIPMENT CONNECTION SCHEDULES
E-645	EQUIPMENT CONNECTION SCHEDULE
E-649	ELECTRICAL CONDUIT SCHEDULE
E-650	ELECTRICAL CONDUIT SCHEDULE
E-651	ELECTRICAL PANEL SCHEDULES - LEVEL ONE SHEET 1
E-652	ELECTRICAL PANEL SCHEDULES - LEVEL ONE SHEET 2
E-653	ELECTRICAL PANEL SCHEDULES - LEVEL ONE SHEET 3
E-654	ELECTRICAL PANEL SCHEDULES - LEVEL TWO SHEET 1
E-655	ELECTRICAL PANEL SCHEDULES - LEVEL TWO SHEET 2
E-656	ELECTRICAL PANEL SCHEDULES - LEVEL TWO SHEET 3
E-657	ELECTRICAL PANEL SCHEDULES - LEVEL TWO SHEET 4
E-658	ELECTRICAL PANEL SCHEDULES - LEVEL THREE SHEET 1
E-659	ELECTRICAL PANEL SCHEDULES - LEVEL THREE SHEET 2
E-660	ELECTRICAL PANEL SCHEDULES - LEVEL THREE SHEET 3
E-661	ELECTRICAL PANEL SCHEDULES - LEVEL FOUR SHEET 1
E-662	ELECTRICAL PANEL SCHEDULES - LEVEL FOUR SHEET 2
E-663	ELECTRICAL PANEL SCHEDULES - LEVEL FOUR SHEET 3
E-664	ELECTRICAL PANEL SCHEDULES - LEVEL FOUR SHEET 4
E-665	ELECTRICAL PANEL SCHEDULES - PENTHOUSE
E-666	ELECTRICAL PANEL SCHEDULES - SITE
E-710	ELECTRICAL GENERATOR DETAIL
E-711	ELECTRICAL GROUNDING AND TRANSFORMER WIRING DETAILS
E-712	ELECTRICAL CONDUIT DETAILS
E-714	ELECTRICAL LIGHT POLE BASE DETAILS
E-716	ELECTRICAL RECEPTACLE DETAIL
E-718	ELECTRICAL LIGHTING CONTROL DETAILS
E-719	ELECTRICAL ELEVATION DETAIL
E-720	ELECTRICAL TELECOMMUNICATIONS RACK DETAILS

SHEET NUMBER	SHEET LIST - 2
E-721	ELECTRICAL TYPICAL MANHOLE AND HANDHOLE DETAIL
E-722	ELECTRICAL MV MANHOLE BUTTERFLY DRAWINGS
E-723	ELECTRICAL MV MANHOLE BUTTERFLY DRAWINGS
E-724	ELECTRICAL MV MANHOLE BUTTERFLY DRAWINGS
E-725	ELECTRICAL MV MANHOLE BUTTERFLY DRAWINGS
E-726	ELECTRICAL IT MANHOLE BUTTERFLY DRAWINGS
E-727	ELECTRICAL IT MANHOLE BUTTERFLY DRAWINGS
E-728	ELECTRICAL IT MANHOLE BUTTERFLY DRAWINGS
E-729	ELECTRICAL IT MANHOLE BUTTERFLY DRAWINGS
ED-052	ELECTRICAL REMOVAL SITE PLAN
FIRE ALARM	
FA-001	FIRE ALARM NOTES, SYMBOL LIST AND ABBREVIATIONS
FA-101	LEVEL 1 FIRE ALARM PLAN - SECTION A
FA-102	LEVEL 1 FIRE ALARM PLAN - SECTION B
FA-103	LEVEL 2 FIRE ALARM PLAN - SECTION A
FA-104	LEVEL 2 FIRE ALARM PLAN - SECTION B
FA-105	LEVEL 3 FIRE ALARM PLAN - SECTION A
FA-106	LEVEL 3 FIRE ALARM PLAN - SECTION B
FA-107	LEVEL 4 FIRE ALARM PLAN - SECTION A
FA-108	LEVEL 4 FIRE ALARM PLAN - SECTION B
FA-109	PENTHOUSE FIRE ALARM PLAN
FA-601	FIRE ALARM RISER DIAGRAM FLOORS 1 & 2
FA-602	FIRE ALARM RISER DIAGRAM FLOORS 3, 4 & PENTHOUSE
FA-603	FIRE ALARM MATRIX SCHEDULE
VERTICAL TRANSPORTATION	
VT-001	GENERAL ELEVATOR INFORMATION
VT-002	PLANS AND HOISTWAY SECTION FOR ELEVATORS - ELEV.A - ELEV.B
VT-003	PLANS AND HOISTWAY SECTION FOR ELEVATOR - FE1
VT-004	ELEVATOR DETAILS - CAR OPERATING PANELS, HALL CAR STATIONS
VT-005	ELEVATOR DETAILS - LOBBY PANEL, TWO-WAY COMMUNICATION DIAGRAM
VT-006	ELEVATOR DETAILS - PASSENGER AND FREIGHT CAB FINISHES
SECURITY	
ES-001	LEGEND, ABBREVIATIONS, SYMBOLS, AND GENERAL NOTES
ES-002	SECURITY SITE PLAN
ES-101	LEVEL 1 SECURITY PLAN - SECTION A
ES-102	LEVEL 1 SECURITY PLAN - SECTION B
ES-103	LEVEL 2 SECURITY PLAN - SECTION A
ES-104	LEVEL 2 SECURITY PLAN - SECTION B
ES-105	LEVEL 3 SECURITY PLAN - SECTION A
ES-106	LEVEL 3 SECURITY PLAN - SECTION B
ES-107	LEVEL 4 SECURITY PLAN - SECTION A
ES-108	LEVEL 4 SECURITY PLAN - SECTION B
ES-109	PENTHOUSE SECURITY PLAN - SECTION C
ES-301	SECURITY BACKBOARD ELEVATIONS
ES-401	SECURITY ENLARGED VIEWS
ES-501	SECURITY DETAILS 1 OF 3
ES-502	SECURITY DETAILS 2 OF 3
ES-503	SECURITY DETAILS 3 OF 3
ES-601	CCTV SYSTEM RISER DIAGRAM
ES-602	ACCESS CONTROL SYSTEM RISER DIAGRAM 1 OF 4
ES-603	ACCESS CONTROL SYSTEM RISER DIAGRAM 2 OF 4
ES-604	ACCESS CONTROL SYSTEM RISER DIAGRAM 3 OF 4
ES-605	ACCESS CONTROL SYSTEM RISER DIAGRAM 4 OF 4
ES-606	DURESS BUTTON SYSTEM RISER DIAGRAM
ES-701	CCTV SYSTEM SCHEDULE
LOW VOLTAGE SYSTEM	
TA - 001	LOW VOLTAGE SYSTEMS TITLESHEET
TA - 101	TRAINING ROOM ENLARGED DETAILS
TA - 101A	TRAINING ROOM ASSISTED LISTENING SYSTEM DETAIL
TA - 102	AV SPACES ENLARGED DETAILS
TA - 500	LOW VOLTAGE SYSTEMS INFRASTRUCTURE DETAILS
TA - 701	TRAINING ROOM AV SIGNAL FLOW
TA - 702	HUDDLE ROOM & LOBBY AV SIGNAL FLOWS
TA - 703	TSL AV SIGNAL FLOWS

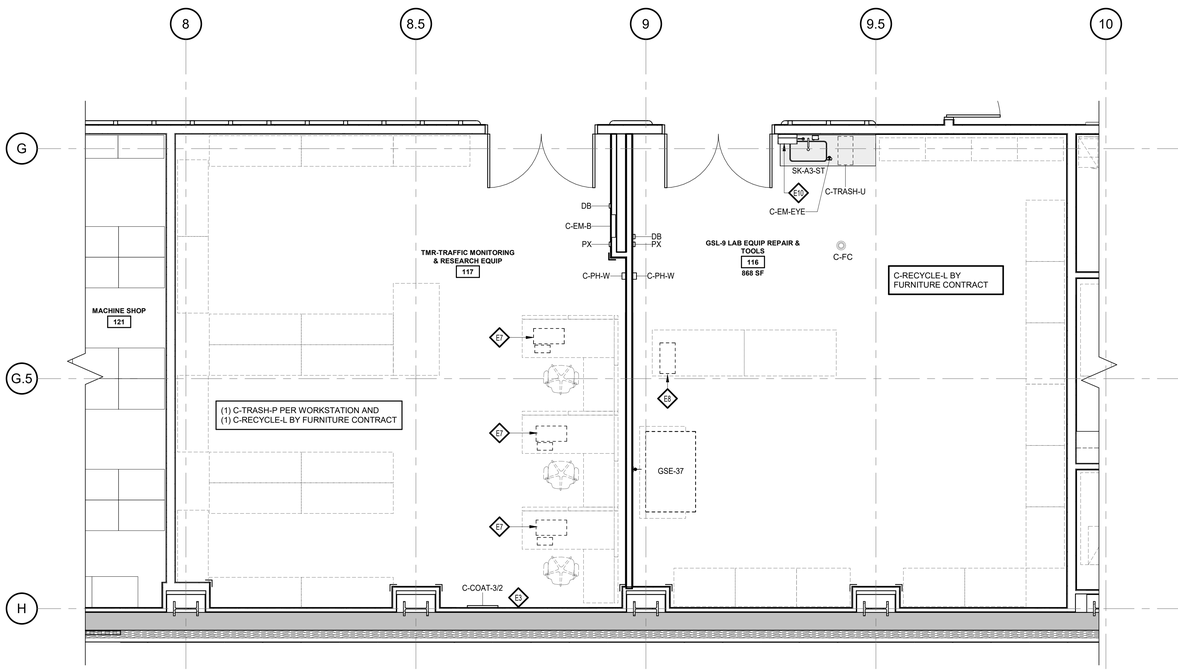
DRAWING NUMBER: G-001

SHEET: OF



2 A-411.2 LEVEL 1 LABS ENLARGED EQUIPMENT PLAN AT GSL RADIOACTIVE STORAGE AND X-RAY WORK AND X-RAY TUBE

1/4" = 1'-0"



1 A-411.2 LEVEL 1 LABS ENLARGED EQUIPMENT PLAN AT TMR-TRAFFIC MONITORING & RESEARCH EQUIPMENT AND GSL-GENERAL SOILS LAB

1/4" = 1'-0"

RADIATION SHIELDING KEYED NOTES

RS1 ROOM RADIATION SHIELDING: PROVIDE LEAD LINED PARTITIONS FULL PERIMETER OF ROOM. PROVIDE LEAD LINED DOOR AND FRAME. PROVIDE LEAD-LINED SUSPENDED CEILING.

EQUIPMENT LEGEND

EQ1. THIS LEGEND APPLICABLE FOR ALL A-41#.# SERIES FURNITURE AND EQUIPMENT DRAWINGS AND FOR ALL A-42#.# SERIES CASEWORK AND ENLARGED PLANS AND ELEVATION SHEETS

EQ2. SEE LABORATORY SERVICE FITTING SCHEDULE ON SHEET A-420.0 FOR SERVICE FITTING LEGEND

XXX - X — EQUIPMENT, FURNITURE AND FURNISHINGS NOT IN CONTRACT (BY FACILITY OR FURNITURE CONTRACT), FOR GENERAL INFORMATION AND CONTRACTOR COORDINATION ONLY. SEE THE **LAB EQUIPMENT SCHEDULE** IN THE PROJECT MANUAL FOR ADDITIONAL EQUIPMENT INFORMATION AND REQUIREMENTS. FINAL LAB EQUIPMENT CONNECTIONS WILL BE COMPLETED BY FACILITY'S LAB EQUIPMENT VENDORS
EQUIPMENT DESIGNATION

XXX - X — EQUIPMENT PROVIDED BY CONTRACTOR. SEE PROJECT MANUAL APPENDICES **LAB EQUIPMENT SCHEDULE** FOR ADDITIONAL INFORMATION AND REQUIREMENTS
EQUIPMENT DESIGNATION

HOSE BIB VALVE. SEE PLUMBING SPECIFICATIONS FOR TYPE AND REQUIREMENTS

CORNER GUARDS. SEE FINISH PLANS AND SPECIFICATIONS FOR INFORMATION

CRASH RAILS. INDICATED FOR REFERENCE ONLY. SEE FINISH PLANS AND SPECIFICATIONS FOR INFORMATION

PEC / PEW — SERVICE CHASE ASSEMBLIES, SEE SECTION 123553.13

EQUIPMENT PROVIDED BY THE CONTRACTOR

ARCHITECTURAL

C-ACID	CORROSIVES CHEMICAL STORAGE CABINET. SEE SECTION 115300
C-ACID-U	UNDERCOUNTER CORROSIVES CHEMICAL STORAGE CABINET. SEE SECTION 115300
C-BRUTE	28 GALLON TRASH RECEPTACLE AND DOLLY. SEE SECTION 115300
C-CLOCK	WALL MOUNTED CLOCK. MOUNT CENTER OF CLOCK AT 6' - 8" AFF UNLESS NOTED OTHERWISE. SEE SECTION 115300
C-COAT-###/##	COAT HOOKS. SEE DETAIL 3/A-420.0
C-CURT-WASH	WASH DOWN CURTAIN. SEE SECTION 115300
C-CURT-SH	STEEL MESH IMPACT CURTAIN. SEE SECTION 115300
C-CURT-SR	ROLLING STEEL MESH IMPACT CURTAIN. SEE SECTION 115300
C-EM-A	SAFETY STATION. SEE SHEETS A-420.1 AND A-420.2
C-EM-B	WALL MOUNTED EYE/FACE WASH UNIT. SEE SECTION 224500
C-EM-C	WALL MOUNTED EYE/FACE WASH AND EMERGENCY SHOWER COMBINATION UNIT. SEE SECTION 224500
C-EM-EYE	DECK MOUNTED DRENCH HOSE. SEE SECTION 224500
C-EM-FB	FIRE BLANKET. SEE SECTION 115300
C-EM-MSDS	SAFETY STATION. SEE SHEETS A-420.1 AND A-420.2
C-GCB-#	TANK RACK. SEE SECTION 115300

(NUMBER INDICATES HOSE LENGTH IN FEET)

C-HOSE-AF50	AIR HOSE REEL, FLOOR MOUNTED. SEE SECTION 115300
C-HOSE-AW50	AIR HOSE REEL, WALL MOUNTED. SEE SECTION 115300
C-HOSE-WF50	WATER HOSE REEL, FLOOR MOUNTED. SEE SECTION 115300
C-HOSE-WB50	WATER HOSE REEL, BENCHTOP MOUNTED. SEE SECTION 115300
C-HOSE-WW50	WATER HOSE REEL, WALL MOUNTED. SEE SECTION 115300
C-HOSE-WF50SS	STAINLESS STEEL WATER HOSE REEL, FLOOR MOUNTED. SEE SECTION 115300
C-HOSE-WF100SS	STAINLESS STEEL WATER HOSE REEL, FLOOR MOUNTED. SEE SECTION 115300
C-HOSE-WC100	RETRACTABLE WATER HOSE REEL, COUNTER MOUNTED. SEE SECTION 115300
C-HOSE-AC50	RETRACTABLE AIR HOSE REEL, CEILING MOUNTED. SEE SECTION 115300
C-PA	PAPER TOWEL DISPENSER. SEE SECTION 102800
C-PARK-STOP	PARKING STOP, FLOOR MOUNTED. SEE SECTION 115300
C-PLT-PR	POST-AND-BEAM METAL STORAGE SHELVING. SEE SECTION 105613
C-SD	SOAP DISPENSER. SEE SECTION 102800
C-STOR-G	GAS CYLINDER STORAGE CABINET. SEE SECTION 115300
FEC	FIRE EXTINGUISHER CABINET. SEE SECTION 104413
TB	TACKBOARD. SEE SECTION 101100

EQUIPMENT PROVIDED BY THE CONTRACTOR

ARCHITECTURAL

C-FH##-#	GENERAL CHEMICAL FUME HOOD. SEE SECTION 115313
C-FHA##-#	ACID FUME HOOD. SEE SECTION 115313
C-FHP##-#	PERCHLORIC ACID FUME HOOD. SEE SECTION 115313
C-MFE-1	METAL FABRICATION ENCLOSURE FOR TESTING, TRANSPARENT SIDES
C-MFE-2	METAL FABRICATION ENCLOSURE FORE TESTING, SHEET METAL SIDES

SINKS
SEE SECTION 123553.13 FOR FAUCETS AT LABORATORY CASEWORK
SEE PLUMBING DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES, INFORMATION AND REQUIREMENTS

SK-XX	LABORATORY CASEWORK SINK XX - SEE LAB AREA CASEWORK SCHEDULE FOR SINK TYPE AND SIZE

SINK MODIFIERS

DIST	SINK WITH ADDITIONAL DISTILLED WATER FAUCET
ST	SINK WITH SILT TRAP
ACID	SINK WITH DRAINAGE FITTINGS AND PIPING FOR ACID, AND ACID TRAP

EQUIPMENT PROVIDED BY THE CONTRACTOR

PLUMBING
SEE PLUMBING DRAWINGS AND SPECIFICATIONS FOR TYPE AND REQUIREMENTS

C-FC	FLOOR CLEANOUT
C-FD-ES	FLOOR DRAIN AT EMERGENCY SHOWER
C-FD-SILT	FLOOR DRAIN WITH SILT TRAP
C-FD-ES-SILT	FLOOR DRAIN WITH SILT TRAP AT EMERGENCY SHOWER
C-FTD-SILT	FLOOR TRENCH DRAIN WITH SILT TRAP
C-HOSE-BV	WALL MOUNTED HOSE BIB VALVE
GSE-11	SULFATE TESTING TANK MODULE
GSE-13	STAINLESS STEEL LARGE DOUBLE BOWL SINK WITH SILT TRAP
GSV	EMERGENCY GAS SHUT OFF VALVE AND ACCESS PANEL
SME-6B	SUSPENDED HORIZONTAL WATER TANK AND CRADLE SUPPORT

MECHANICAL
SEE MECHANICAL DRAWINGS AND SPECIFICATIONS FOR TYPE AND REQUIREMENTS

CH	CEILING MOUNTED CANOPY HOOD AND SHROUD
SN	CEILING MOUNTED SNORKEL TYPE FUME OR DUST EXTRACTOR
C-BAFF	BAFFLE DUCTWORK
C-DUST-###	DUST COLLECTOR

ELECTRICAL
SEE ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR TYPE AND REQUIREMENTS

C-PH-W	CONDUIT AND BACKBOX FOR OWNER PROVIDED WALL MOUNTED TELEPHONE
BP	BUILDING ELECTRICAL PANEL
DB	EMERGENCY DURESS BUTTON
PR	RETRACTABLE POWER REEL, CEILING MOUNTED. SEE SECTION 115300
PX	OPERABLE DOOR PUSH PLATE

MATERIALS PROCESSING
SEE SECTION 412200 FOR TYPE AND REQUIREMENTS

GSE-14	BRIDGE CRANE
SIIE-1(c)	ELECTRIC CHAIN HOIST WITH MOTORIZED TROLLEY

1

EQUIPMENT FURNISHED BY OWNER, CONTRACTOR INSTALLED (ROOM 132 AND 132-A)

ELECTRICAL

SIIE-13	X-RAY CONTROLLER
SIIE-14(A)	X-RAY TUBE
SIIE-14(B)	X-RAY TUBE POSITIONER
SII3-15(A)	X-RAY ILLUMINATED WARNING SIGN
SIIE-15(B)	X-RAY ILLUMINATED WARNING SIGN WITH CONTROLLER
SIIE-21	X-RAY ROOM DOOR INTERLOCK SWITCH
SIIE-22	X-RAY INTERFACE / DISTRIBUTION BOX
SIIE-24	X-RAY TABLE

EQUIPMENT PLAN GENERAL NOTES

EP1. SHEET SERIES **A-41#.#** FURNITURE AND EQUIPMENT PLANS FOR GENERAL INFORMATION AND CONTRACTOR COORDINATION ONLY.

EP2. SEE EQUIPMENT SCHEDULE IN THE PROJECT MANUAL FOR ADDITIONAL NOTES, INFORMATION AND COORDINATION REQUIREMENTS FOR FACILITY PROVIDED EQUIPMENT, FURNITURE AND FURNISHINGS.

EP3. SEE SHEETS SERIES **A-42#.#** AND **A-43#.#** FOR CONTRACTOR PROVIDED CASEWORK, EQUIPMENT AND ASSOCIATED LABORATORY WORK.

EP4. SEE SHEETS SERIES **A-42#.#** AND **A-43#.#** AND **SECTION 123533.13** FOR LABORATORY SERVICE FITTINGS TYPES, LOCATION AND REQUIREMENTS. ALL LABORATORY SERVICE FITTINGS AND ASSOCIATED WORK BY CONTRACTOR.

EP5. SEE **SECTION 115313** FOR FUME HOODS AND FUME HOOD SERVICE REQUIREMENTS. ALL FUME HOODS AND SERVICES BY CONTRACTOR.

EP 6. SEE **SECTION 012100** FOR ALLOWANCE FOR INSTRON TEST FRAMES AS SHOWN ON THE DRAWINGS AND IN THE **LAB EQUIPMENT SCHEDULE IN PROJECT MANUAL APPENDICES**. IN ADDITION TO THE ALLOWANCE, CONTRACTOR IS RESPONSIBLE FOR UNLOADING AND RIGGING THE TEST FRAMES TO MOVE THE EQUIPMENT INTO FINAL POSITION.

EQUIPMENT PLAN KEYED NOTES

E1 EXTREME HUMIDITY ROOM. DEVICES AND CONTROLS IN THIS SPACE TO BE WATER-RESISTANT AND PROTECTED FROM SPRAY OR CONDENSATION

E2 (3) SBE-16 OVENS WILL BE DIRECT VENTED THROUGH THE ROOF WITHOUT BENDS. SEE MECHANICAL DRAWINGS FOR DETAILS. COORDINATE SPECIFIC DUCT LOCATIONS WITH DIRECTOR'S REPRESENTATIVE PRIOR TO INSTALLATION

E3 REFER TO ELECTRICAL DRAWINGS FOR DETAILS OF POWER CONNECTIONS TO OWNER PROVIDED SYSTEM FURNITURE. NO DATA CONNECTIONS ARE IN THE OWNER PROVIDED SYSTEM FURNITURE WORK STATIONS. ALL DATA EQUIPMENT, CABLING AND CONNECTIONS WILL BE MADE BY THE INSTALLER OF THE DATA, PHONE AND IT EQUIPMENT

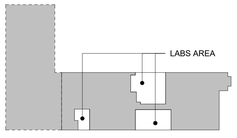
E4 MAGNESIUM SULFATE TANKS, HOT WATER CONNECTION

E7 C-PC COMPUTER WORKSTATION AND PHONE ON COUNTER/DESK. BY FACILITY

E8 C-PC COMPUTER WORKSTATION. BY FACILITY

E9 BARCODE READER. BY FACILITY

E10 C-PA PAPER TOWEL DISPENSER AND C-SD SOAP DISPENSER AT SINK, WALL, PANEL OR SERVICES COLUMN. SEE ELEVATION DRAWINGS FOR ADDITIONAL INFORMATION



LABS AREA LEVEL 1 KEY PLAN NOT TO SCALE

Autodesk Docs://47528 DOT Lab Building/082990_OGS-DOT_Labs_CD_R23.rvt
3/10/2026 10:09:24 AM
42x30 PLOT SHEET

Office of General Services

CONSULTANT:

CERTIFICATE OF AUTHORIZATION #: 021745

CHA

envision ARCHITECTS

UNIFORM CODE STATEMENT:
TO THE BEST OF REGISTERED DESIGN PROFESSIONAL'S KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 UNIFORM CODE.

ENERGY CODE WRITTEN STATEMENT:
TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THE DRAWINGS BEARING MY PROFESSIONAL SEAL AND SIGNATURE MEET OR EXCEED THE 2020 NEW YORK STATE ENERGY CODE CONSISTING OF THE 2018 INTERNATIONAL ENERGY CONSERVATION CODE, 2016 ASHRAE 90.1.

WARNING:
THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS 'A' MISDEMEANOR.

REGISTERED ARCHITECT ALEKSANDAR JANJIC STATE OF NEW YORK

REGISTRATION EXPIRES: 03/31/2026

PROJECT NORTH

CONTRACT: CONSTRUCTION

TITLE: Provide Testing Laboratory, Building 14

LOCATION: DOT Region 1, Albany County
State Office Building Campus
Albany, NY

CLIENT: New York State Department of Transportation

1	03/09/26	ADDENDUM 1
	01/13/26	BID DOCUMENT
MARK	DATE	DESCRIPTION

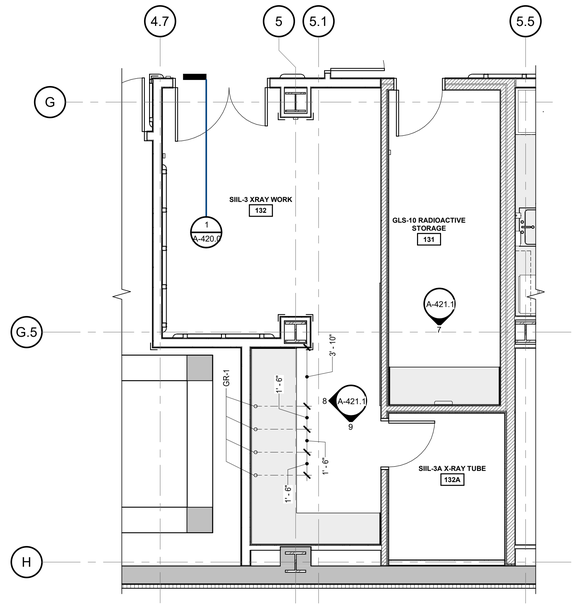
PROJECT NUMBER: 47528-C

DESIGNED BY: DH
DRAWN BY: MF
FIELD CHECK:
APPROVED:

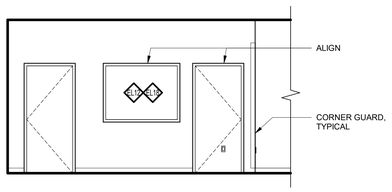
SHEET TITLE:
LEVEL 1 LABS EQUIPMENT PLAN AT GSL & TMRL

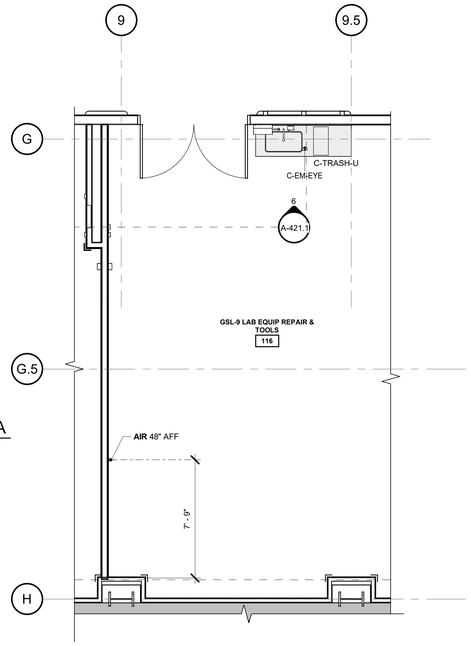
DRAWING NUMBER: A-411.2

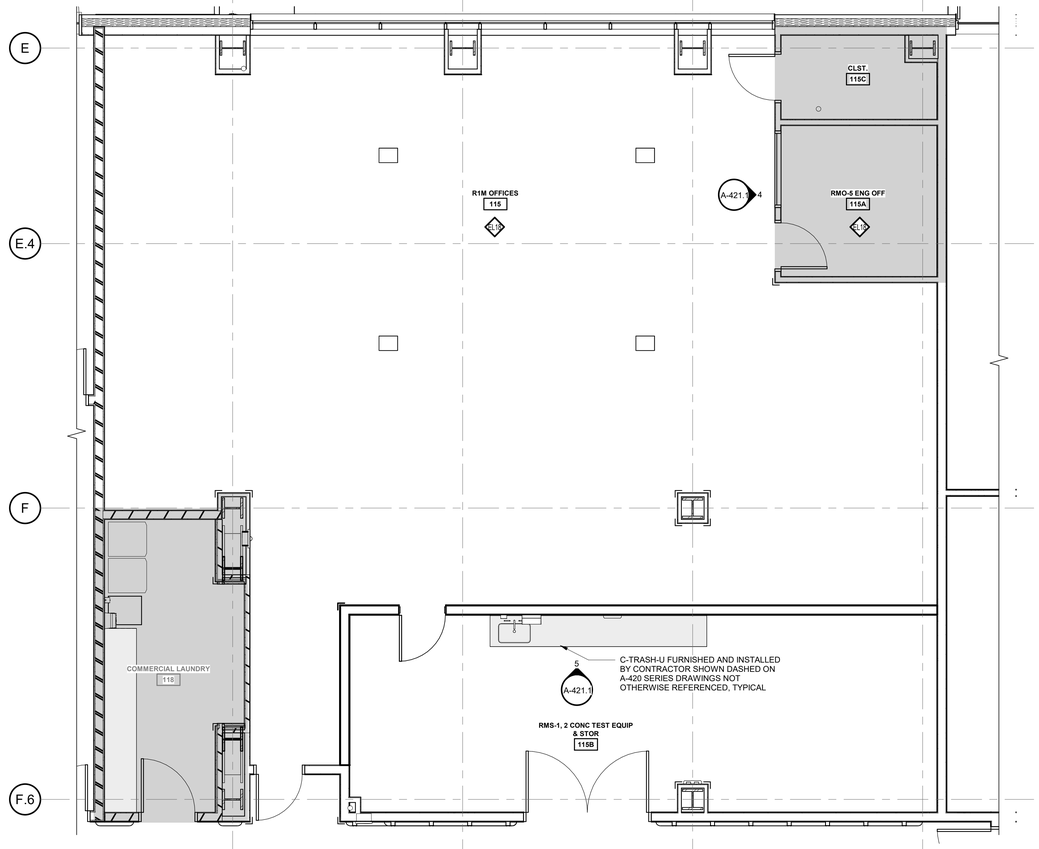
SHEET: OF



3 A-421.1 LEVEL 1 LABS ENLARGED FLOOR PLAN AT ROOM 131, 132, 132A
1/4" = 1'-0"



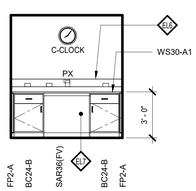




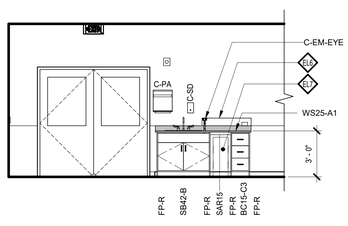
4 A-421.1 ROOM 115 EAST ELEVATION
1/4" = 1'-0"

2 A-421.1 LEVEL 1 LABS ENLARGED FLOOR PLAN AT ROOM 116
1/4" = 1'-0"

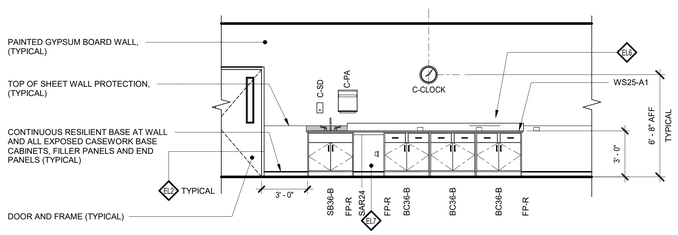
1 A-421.1 LEVEL 1 LABS ENLARGED FLOOR PLAN AT ROOM 115, 115A, 115B, 115C
1/4" = 1'-0"



7 A-421.1 ROOM 131 SOUTH ELEVATION
1/4" = 1'-0"



6 A-421.1 ROOM 116 NORTH ELEVATION
1/4" = 1'-0"



5 A-421.1 ROOM 115B NORTH ELEVATION
1/4" = 1'-0"

ELEVATION KEYED NOTES

EL1 WALL BUMPER RAILS (WG-1) CONTINUOUS, UPPER AND LOWER, MOUNTED ON WALL PROTECTION SYSTEM. AT INSIDE CORNERS PROVIDE MANUFACTURER CORNER FITTINGS AND AT TERMINATIONS PROVIDE MANUFACTURERS STANDARD END CAP. HOLD END OF BUMPER RAILS 6" FROM END OF WALL, CORNER GUARD/END CAP OR OBSTRUCTION UNLESS NOTED OTHERWISE

EL2 3'-4" HIGH WALL PROTECTION SYSTEM UNLESS NOTED OTHERWISE. SEE DETAIL 2/A-420 1 TYPICAL. ELECTRICAL EQUIPMENT HEIGHTS TO BE COORDINATED WITH WALL PROTECTION.

EL3 DUPLEX POWER RECEPTACLE, RECESSED MOUNTED ON METAL CASEWORK SYSTEM FILLER PANEL

CH-# EL4 CANOPY HOOD AND SHROUD SEE CANOPY HOOD SCHEDULE ON MECHANICAL DRAWINGS
CANOPY HOOD DESIGNATION

EL5 FLOOR ACCESS HATCH (FAH)

EL6 WALL MOUNTED ELECTRICAL RACEWAY INSTALLED TIGHT TO BACKSPLASH. SEE 1/A-420.0 ELECTRICAL DOCUMENTS FOR TYPE AND REQUIREMENTS SEE DETAIL

EL7 WALL PROTECTION AND RESILIENT WALL BASE IN KICKSPACE OPEN TO WALL BENEATH COUNTERTOP

EL8 RECESSED KICK SPACE AT SIDE OF BASE CABINET AND ASSOCIATED FILLER PANELS

EL9 METAL CASEWORK MANUFACTURERS FASCIA PANELS FULL HEIGHT FROM TOP OF WALL CABINET TO ABUT UNDERSIDE OF CEILING. TYPICAL AT FRONT OF CABINETRY AND AT EXPOSED CABINET SIDES

EL10 EXTERIOR WINDOW AND WINDOW FRAME

EL11 C-MFE-1 OR C-MFE-2, METAL FABRICATION ENCLOSURE, TYPE 316 MINIMUM 16 GAUGE STAINLESS STEEL THREE (3) SIDED ENCLOSURE, CONTINUOUS FROM BOTTOM OF CANOPY HOOD TO TOP OF COUNTERTOP. RECESS ENCLOSURE 1" INSIDE EDGE OF COUNTERTOP ALL THREE SIDES. SET ENCLOSURE 1" BACK FROM LEADING EDGE OF COUNTERTOP

EL12 INTERIOR WINDOW. ALIGN TOP OF WINDOW FRAME WITH TOP OF DOOR FRAME. ALIGN BOTTOM OF WINDOW FRAME WITH TOP OF WALL PROTECTION OR AT 3'-4" IN OFFICES WITHOUT WALL PROTECTION, TYPICAL. SEE FLOOR PLAN, INTERIOR WINDOW SCHEDULE ON SHEET A-606 AND RELATED INFORMATION FOR LOCATION AND SIZE. ADJACENT KEYED NOTE INDICATES WINDOW SCHEDULE DESIGNATION

EL13 COORDINATE WIDTH, DEPTH AND HEIGHT OF BELOW COUNTER OPENING TO ENSURE FIT AND INSTALLATION OF EQUIPMENT IN BELOW COUNTER RECESS

EL14 CASEWORK ITEM SHOW IN PLAN ONLY

EL15 WALL-MOUNTED TURRET CENTERED AT 4'-2" AFF UNLESS NOTED OTHERWISE

EL16 HOLD FINISHED FACE OF RTA 2'-1" FROM COUNTER FRONT EDGE

EL17 RECESS FACE OF KP 2'-1" FROM COUNTER EDGE

EL18 SHEET WALL PROTECTION NOT REQUIRED WITHIN INDICATED OFFICE WINDOW TYPE. SEE SHEET A-606 FOR INFORMATION

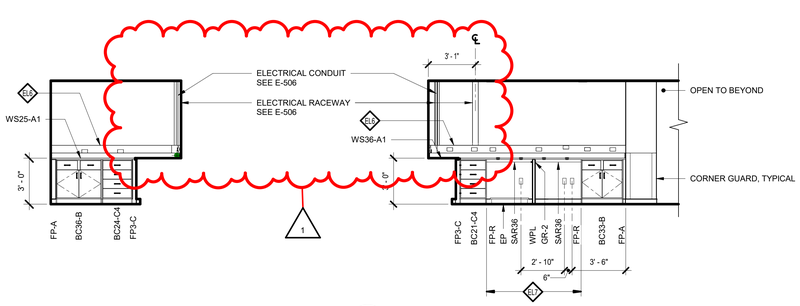
EL19 CENTER FP-I PANELS ON COLUMNS AND ADJUST KNEESPACE OR FILLER PANEL WIDTHS AS REQUIRED FOR FIT

WALL FINISH ELEVATION NOTES

WF1. SEE ARCHITECTURAL FINISH PLANS AND SCHEDULE ON SHEETS FOR CASEWORK FINISHES, WALL, BASE AND FINISH INFORMATION.

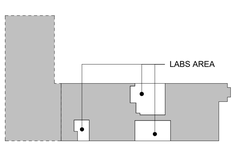
WF2. WALL SURFACES WITHIN LAB AREAS NOT OTHERWISE INDICATED ARE TO RECEIVE WALL PROTECTION WP-1 TO 3'-4" AFF. SEE DETAIL 2/A-420.0. LAB AREA PRIVATE AND SHARED OFFICES DO NOT REQUIRE WALL PROTECTION UNLESS NOTED OTHERWISE.

WF3. FINISHES AND FINISH SYSTEMS NOTED AS "TYPICAL" ARE TYPICAL FOR THE ENTIRE SHEET.



9 A-421.1 ROOM 132 SOUTH ELEVATION
1/4" = 1'-0"

8 A-421.1 ROOM 132 WEST ELEVATION
1/4" = 1'-0"



LABS AREA LEVEL 1 KEY PLAN NOT TO SCALE

NEW YORK STATE | Office of General Services

CONSULTANT:

CERTIFICATE OF AUTHORIZATION #: 021745

CHA

envision ARCHITECTS

UNIFORM CODE STATEMENT:
TO THE BEST OF REGISTERED DESIGN PROFESSIONAL'S KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 UNIFORM CODE.

ENERGY CODE WRITTEN STATEMENT:
TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THE DRAWINGS BEARING MY PROFESSIONAL SEAL AND SIGNATURE MEET OR EXCEED THE 2020 NEW YORK STATE ENERGY CODE CONSISTING OF THE 2018 INTERNATIONAL ENERGY CONSERVATION CODE, 2016 ASHRAE 90.1.

WARNING:
THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS 'A' MISDEMEANOR.

REGISTERED ARCHITECT ALEKSANDAR JANJIC STATE OF NEW YORK

REGISTRATION EXPIRES: 03/31/2028

PROJECT NORTH

CONTRACT: CONSTRUCTION

TITLE: Provide Testing Laboratory, Building 14

LOCATION: DOT Region 1, Albany County
State Office Building Campus
Albany, NY

CLIENT: New York State Department of Transportation

MARK	DATE	DESCRIPTION
1	03/09/26	ADDENDUM 1
	01/13/26	BID DOCUMENT

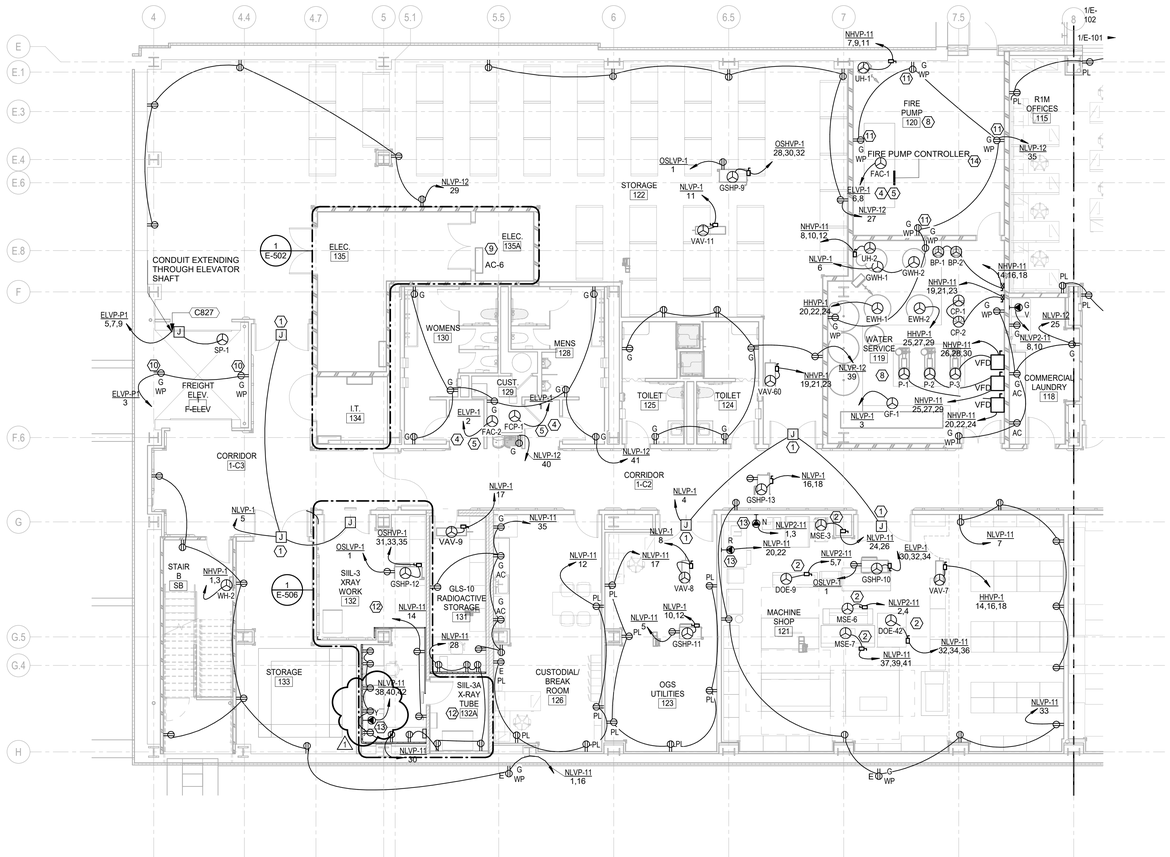
PROJECT NUMBER: 47528-C
DESIGNED BY: DH
DRAWN BY: MF, GS
FIELD CHECK:
APPROVED:

SHEET TITLE: LEVEL 1 LABS ENLARGED FLOOR PLAN & ELEVATIONS AT ROOMS 115A, 115B, 115C, 116, 131, 132, 132A

DRAWING NUMBER: A-421.1

SHEET: OF

Autodesk Docs://47528 DOT Lab Building/082990_OGS-DOT_Labs_CD_R23.rvt
3/10/2026 10:05:25 AM
42x30 PLOT SHEET



1 LEVEL 1 ELECTRICAL POWER PLAN - SECTION B

1/8" = 1'-0" 0' 4' 8' 16'

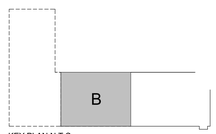
GENERAL SHEET NOTES:

1. REFER TO COPPER WIRE SIZING SCHEDULE ON SHEET E-610 FOR MINIMUM CONDUCTOR AND CONDUIT SIZES UNLESS OTHERWISE NOTED.
2. ALL VARIABLE AIR VOLUME (VAV) EQUIPMENT AND ASSOCIATED DISCONNECT SWITCHES WILL BE LOCATED ABOVE THE CEILING.
3. ALL GROUND SOURCE HEAT PUMPS (GSHP) EQUIPMENT AND ASSOCIATED DISCONNECT SWITCHES WILL BE LOCATED ABOVE THE CEILING.
4. ALL RECEPTACLES SHOWN ARE TO BE FLUSH MOUNTED UNLESS INDICATED OTHERWISE.
5. SEE E-051 FOR DUCTBANK ROUTING FROM SUBSTATION AND GENERATORS.
6. ALL FAC AND FCP CONNECTIONS ARE ABOVE CEILING.
7. REFER TO SHEET E-110 FOR BUSWAY LAYOUT.
8. SPLICES TO CONTROL CABLING ARE NOT TO BE MADE IN ANY BELOW SLAB OR INACCESSABLE LOCATION UNLESS SHOWN ON CONTRACT DRAWINGS.
9. PROVIDE FIRE STOPPING AT ALL FIRE WALL PENETRATIONS.

KEYED NOTES: (#)

1. PROVIDE JUNCTION BOX MOUNTED ABOVE CEILING IN SECURED ROOM. PROVIDE POWER FROM JUNCTION BOX TO DOOR CONTROL POWER SUPPLY AND DOOR OPERATOR.
2. PROVIDE LFMC TO ALLOW FOR EQUIPMENT MOVEMENT.
3. VERIZON BOX FURNISHED BY VERIZON AND INSTALLED BY CONTRACTOR.
4. CONDUCTORS SHALL BE PLFA COMPLIANT PER NFPA72 ARTICLE 760 IN RED PAINTED RACEWAY (CONDUIT).
5. TO BE POWERED AS INDICATED ON SHEET E-102 AND SHEET E-651.
6. FOR ALL SPECIALTY RECEPTACLES IN ROOM 133 SEE SHEET E-716 DETAIL 3 FOR MOUNTING DETAIL.
7. FIRE STOPPING AROUND FLOOR PENETRATION.
8. ALL DEVICES IN ROOM TO BE SURFACE MOUNTED.
9. 1" CONDUIT WITH PULL STRING TO BE PROVIDED, DIRECTLY ADJACENT TO REFRIGERANT PIPING, FROM EACH AC UNIT TO CORRESPONDING CU UNIT.
10. RECEPTACLES TO BE 2' ABOVE FLOOR OF ELEVATOR SHAFT SHAFT.
11. RECEPTACLES TO BE SURFACE MOUNTED.
12. REFER TO SHEET E-506 FOR CONDUIT LAYOUT.
13. CONTRACTOR IS RESPONSIBLE TO COORDINATE EXACT RECEPTACLE STYLE AND VOLTAGE WITH OWNER.
14. REFER TO SHEETS E-611 AND E-613 FOR THE FIRE PUMP CONTROLLER POWER SOURCE DETAILS.

KEY PLAN N.T.S.



Autodesk Docs://47528 DOT Lab Building/082980-DOTLAB-ELEC23.rvt
3/6/2026 2:24:53 PM
42x30 PLOT SHEET

NEW YORK STATE | Office of General Services

CONSULTANT:

CERTIFICATE OF AUTHORIZATION #: 021745

CHA

UNIFORM CODE STATEMENT:
TO THE BEST OF REGISTERED DESIGN PROFESSIONAL'S KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 UNIFORM CODE.

ENERGY CODE WRITTEN STATEMENT:
TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THE DRAWINGS BEARING MY PROFESSIONAL SEAL AND SIGNATURE MEET OR EXCEED THE 2020 NEW YORK STATE ENERGY CODE CONSISTING OF THE 2018 INTERNATIONAL ENERGY CONSERVATION CODE, 2016 ASHRAE 90.1.

WARNING:
THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS 'A' MISDEMEANOR.

STATE OF NEW YORK · RICHARD E. GARRETT · LICENSED PROFESSIONAL ENGINEER · 066045 · EXPIRES 8/31/2027

PROJECT NORTH

CONTRACT: CONSTRUCTION

TITLE: Provide Testing Laboratory, Building 14

LOCATION: DOT Region 1, Albany County
State Office Building Campus
Albany, NY

CLIENT: New York State Department of Transportation

1	03/09/26	ADDENDUM 1
	01/13/26	BID DOCUMENT
MARK	DATE	DESCRIPTION

PROJECT NUMBER: 47528-C

DESIGNED BY: VFM
DRAWN BY: VFM
FIELD CHECK:
APPROVED:

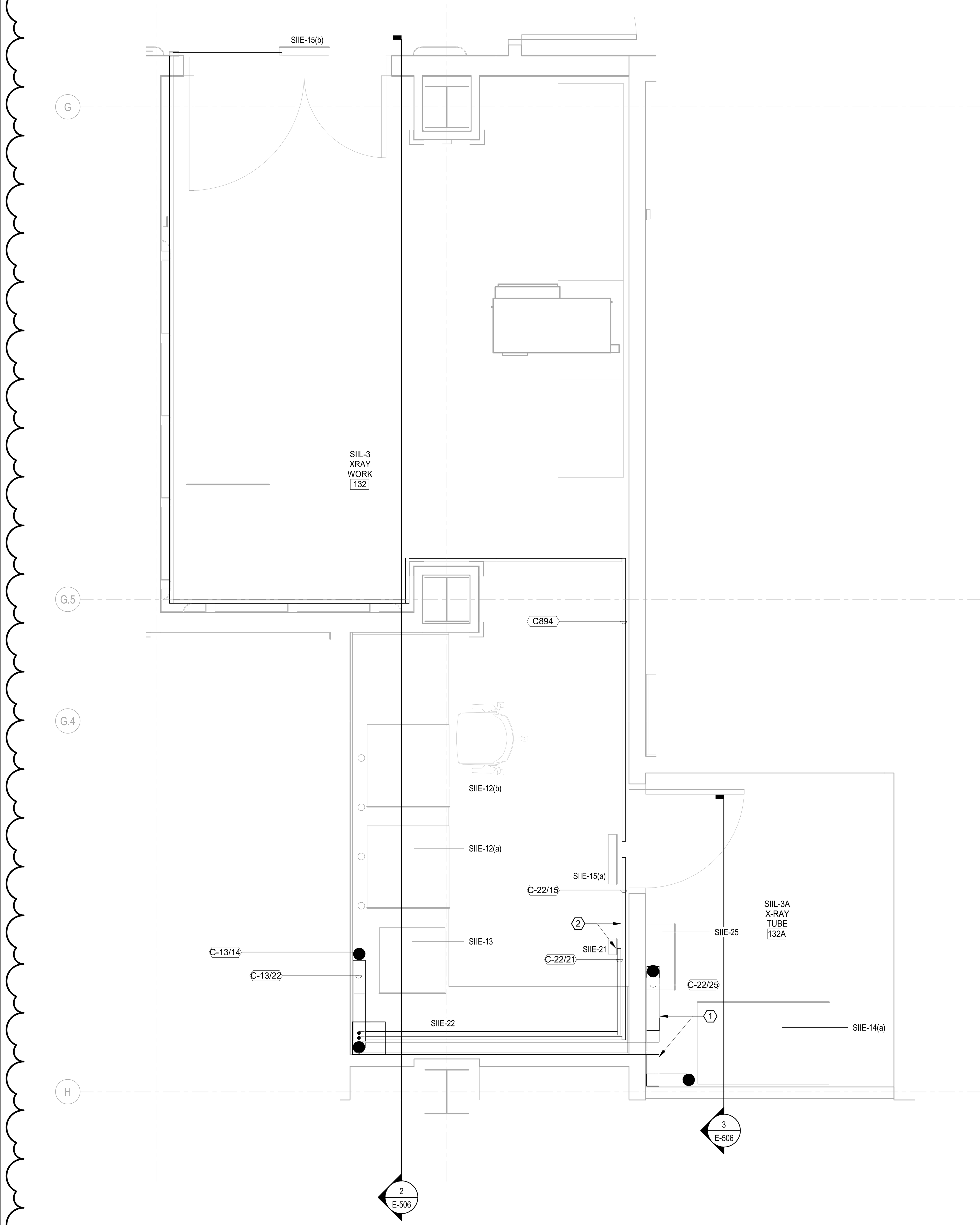
SHEET TITLE: LEVEL 1 ELECTRICAL POWER PLAN - SECTION B

DRAWING NUMBER: E-102

SHEET: OF

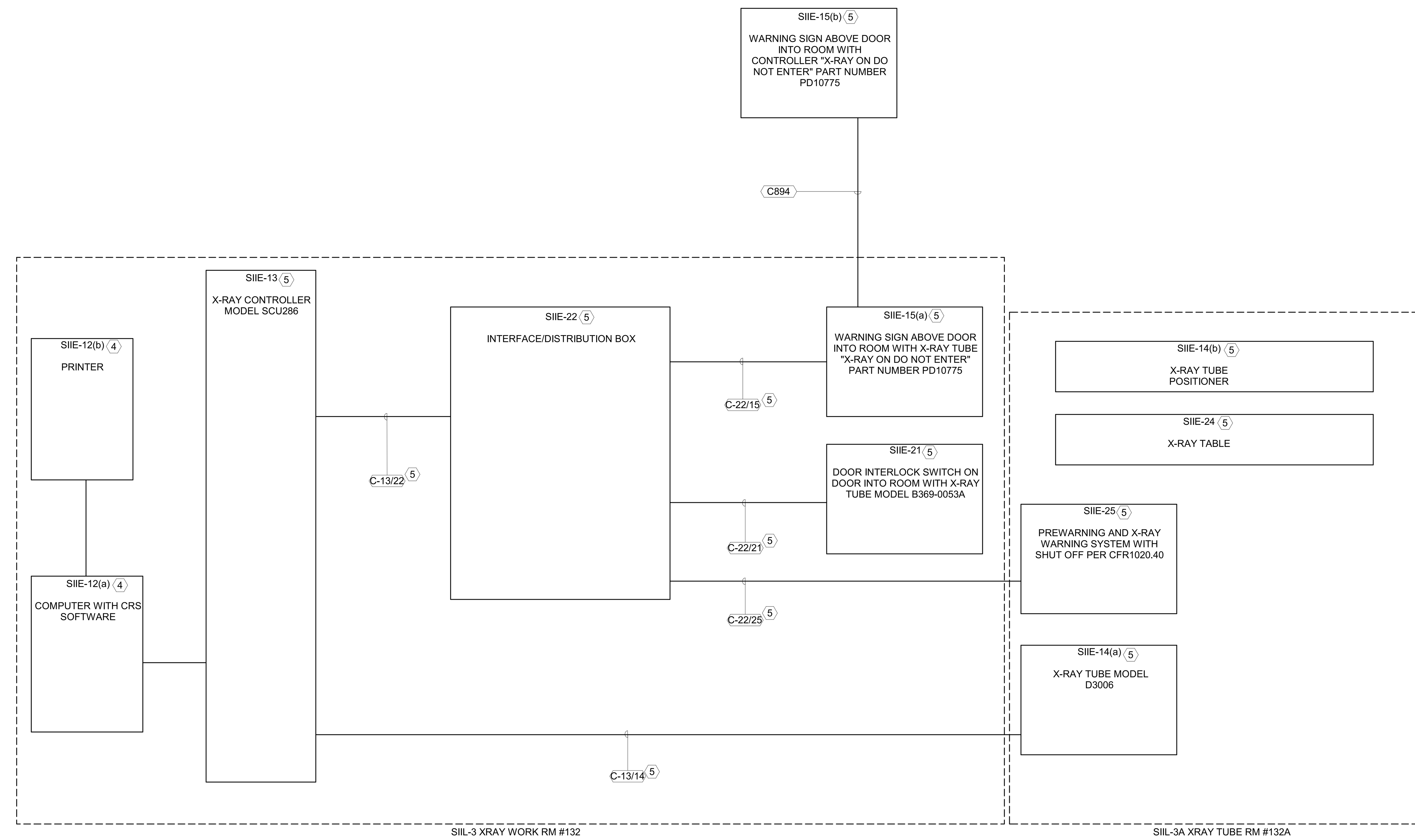
KEYED NOTES: #

1. PROVIDE 4" EMPTY CONDUIT WITH PULL STRING.
2. PROVIDE 1" EMPTY CONDUIT WITH PULL STRING.
3. PROVIDE 14" W, 10" H, 5" D JUNCTION BOX.
4. TO BE PROVIDED BY OWNER (UNDER SEPARATE CONTRACT).
5. TO BE SUPPLIED TO OWNER BY X-RAY VENDOR (UNDER SEPARATE CONTRACT), FURNISHED TO CONTRACTOR BY OWNER AFTER RECEIPT AND INSTALLED BY CONTRACTOR.



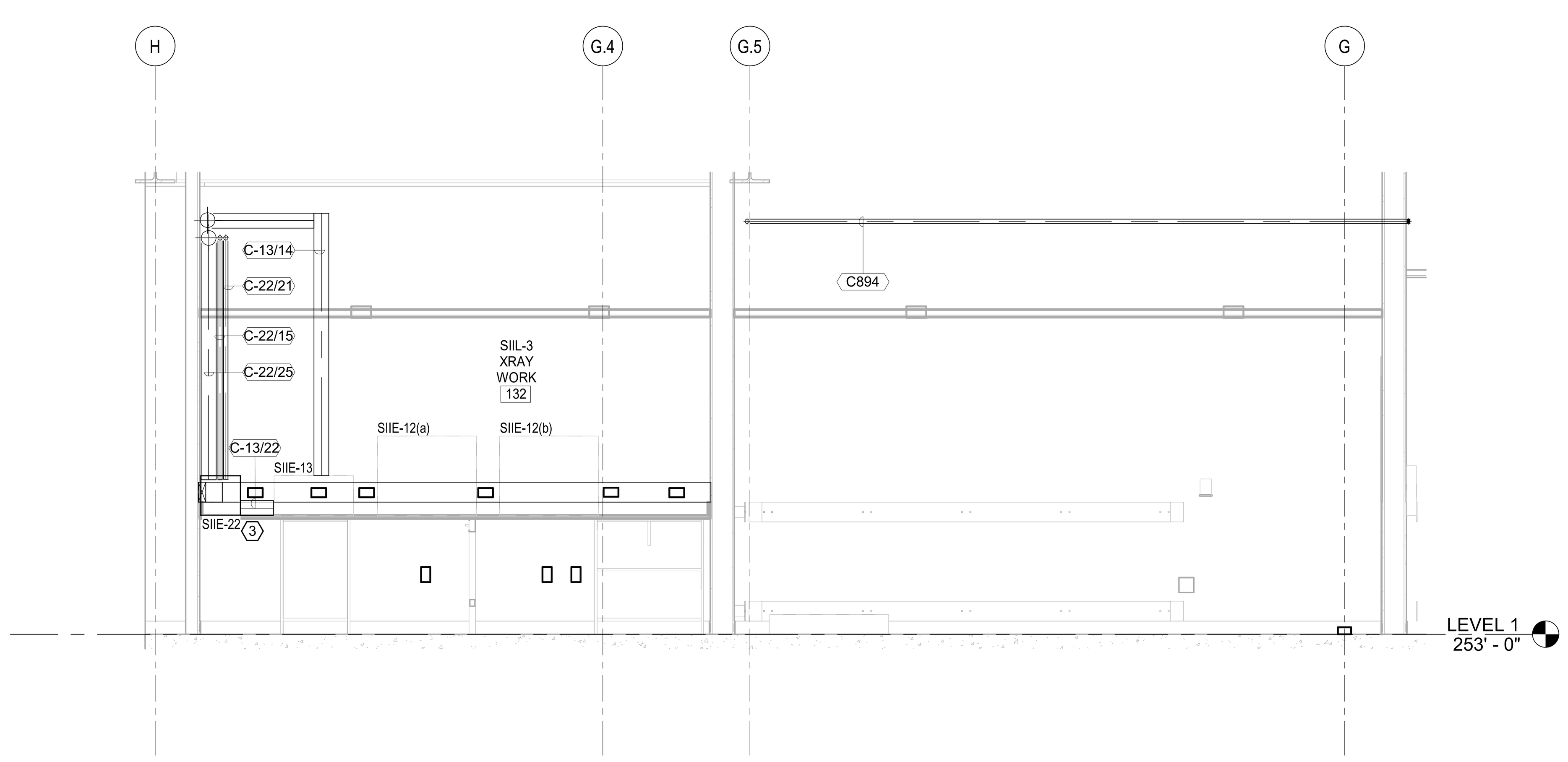
1 CONDUIT LAYOUT ENLARGED PLAN - SIIL-3 XRAY WORK & SIIL-3A X-RAY TUBE

1/2" = 1'-0"

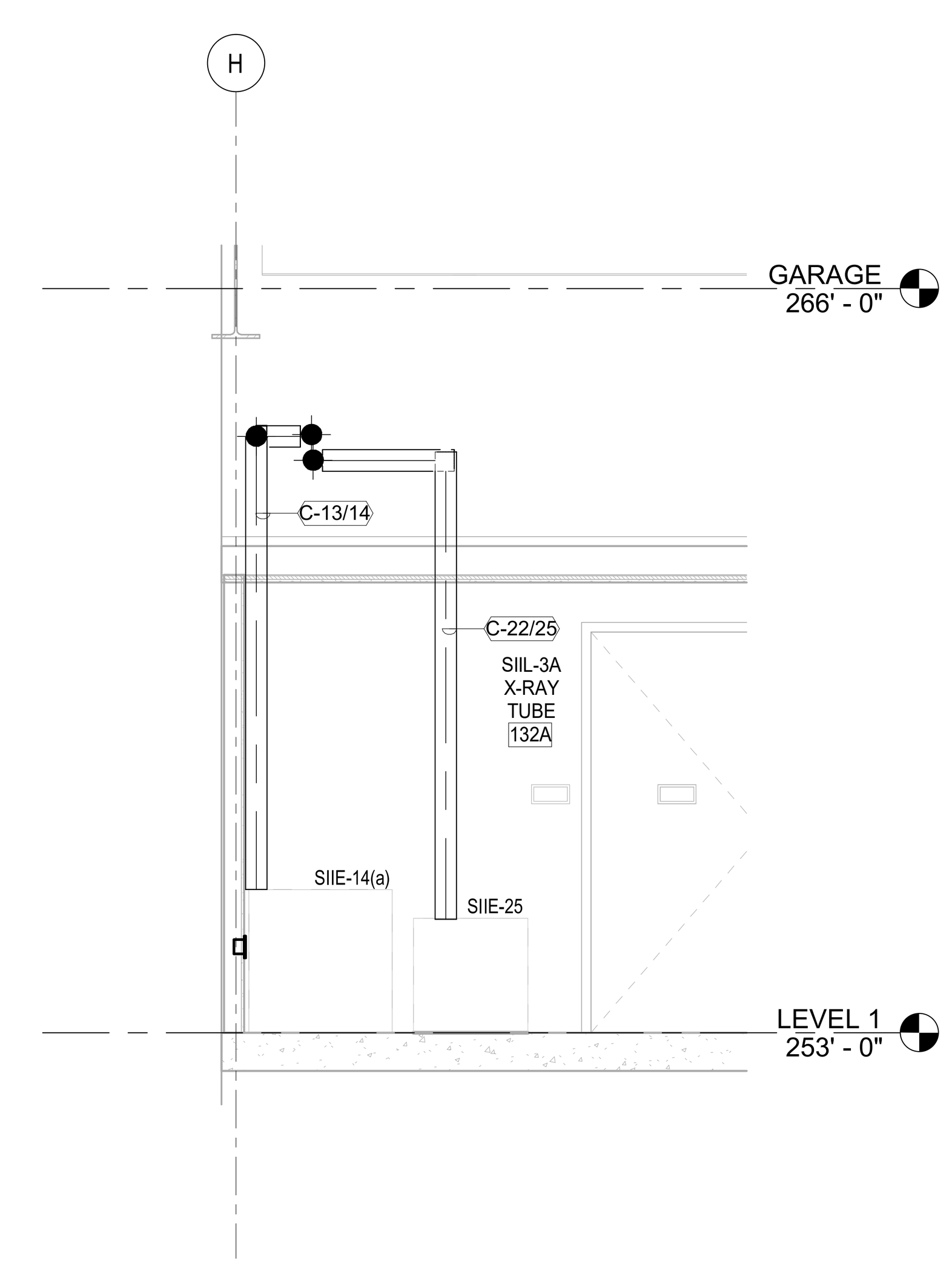


4 X-RAY CONTROL RISER

NOT TO SCALE



2 CONDUIT LAYOUT - SIIL-3 XRAY WORK WEST WALL



3 CONDUIT LAYOUT - SIIL-3A X-RAY TUBE WEST WALL

Autodesk Docs://47528 DOT Lab Building/082990-DOTLAB-ELEC23.rvt
3/9/2026 2:24:57 PM
42x30 PLOT SHEET

NEW YORK STATE | Office of General Services

CONSULTANT:

CERTIFICATE OF AUTHORIZATION #: 021745

CHA

UNIFORM CODE STATEMENT:
TO THE BEST OF REGISTERED DESIGN PROFESSIONAL'S KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 UNIFORM CODE.

ENERGY CODE WRITTEN STATEMENT:
TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THE DRAWINGS BEARING MY PROFESSIONAL SEAL AND SIGNATURE MEET OR EXCEED THE 2020 NEW YORK STATE ENERGY CODE CONSISTING OF THE 2018 INTERNATIONAL ENERGY CONSERVATION CODE, 2016 ASHRAE 90.1.

WARNING:

THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS 'A' MISDEMEANOR.

STATE OF NEW YORK · RICHARD E. GARRETT · LICENSED PROFESSIONAL ENGINEER · 066040

EXPIRES 8/31/2027

PROJECT NORTH

CONTRACT: CONSTRUCTION

TITLE: Provide Testing Laboratory, Building 14

LOCATION: DOT Region 1, Albany County State Office Building Campus Albany, NY

CLIENT: New York State Department of Transportation

MARK	DATE	DESCRIPTION
1	03/09/26	ADDENDUM 1
	01/13/26	BID DOCUMENT

PROJECT NUMBER: 47528-C

DESIGNED BY: VFM

DRAWN BY: VFM

FIELD CHECK:

APPROVED:

SHEET TITLE: ENLARGED PLANS - SIIL-3 XRAY WORK & SIIL-3A X-RAY TUBE AND CONTROL RISER

DRAWING NUMBER: E-506

SHEET: OF

GENERAL NOTES:

A. COORDINATE CONDUIT PENETRATION THROUGH RADIOLOGICAL EQUIPMENT ROOM WITH AUTHORIZED PERSONNEL AND DIRECTOR'S REPRESENTATIVE.

B. ANY MATERIAL THROUGH THE EXTENTS OF THE RADIOLOGICAL EQUIPMENT ROOM SHOULD BE NON-METALLIC.

KEYED NOTES: #

1. PROVIDE APPROXIMATELY 400 FT OF CABLING FROM RADIOLOGICAL EQUIPMENT ROOM TO THE TELECOM ROOM USING EXISTING EXPOSED CABLE TRAY. SEE SHEET E-054 FOR PATH INTO BUILDING AND E-650 FOR CONDUIT CONTENTS. CONTRACTOR SHALL FIELD -VERIFY ALL FINAL CABLE LENGTHS.
2. RADIOLOGICAL EQUIPMENT ROOM.
3. TELECOM ROOM.

1 BUILDING 22 - UPPER LEVEL PLAN

NOT TO SCALE

NEW YORK STATE | Office of General Services

CONSULTANT:

CERTIFICATE OF AUTHORIZATION #: 021745

CHA

UNIFORM CODE STATEMENT:
TO THE BEST OF REGISTERED DESIGN PROFESSIONAL'S KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 UNIFORM CODE.

ENERGY CODE WRITTEN STATEMENT:
TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THE DRAWINGS BEARING MY PROFESSIONAL SEAL AND SIGNATURE MEET OR EXCEED THE 2020 NEW YORK STATE ENERGY CODE CONSISTING OF THE 2018 INTERNATIONAL ENERGY CONSERVATION CODE, 2016 ASHRAE 90.1.

WARNING:

THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS 'A' MISDEMEANOR.

STATE OF NEW YORK · RICHARD E. GARRETT · LICENSED PROFESSIONAL ENGINEER · 066040
EXPIRES 8/31/2027

PROJECT NORTH

CONTRACT: CONSTRUCTION

TITLE: Provide Testing Laboratory, Building 14

LOCATION: DOT Region 1, Albany County
State Office Building Campus
Albany, NY

CLIENT: New York State Department of Transportation

MARK	DATE	DESCRIPTION
1	03/09/26	ADDENDUM 1
	01/13/26	BID DOCUMENT

PROJECT NUMBER:	47528-C
DESIGNED BY:	VFM
DRAWN BY:	VFM
FIELD CHECK:	
APPROVED:	

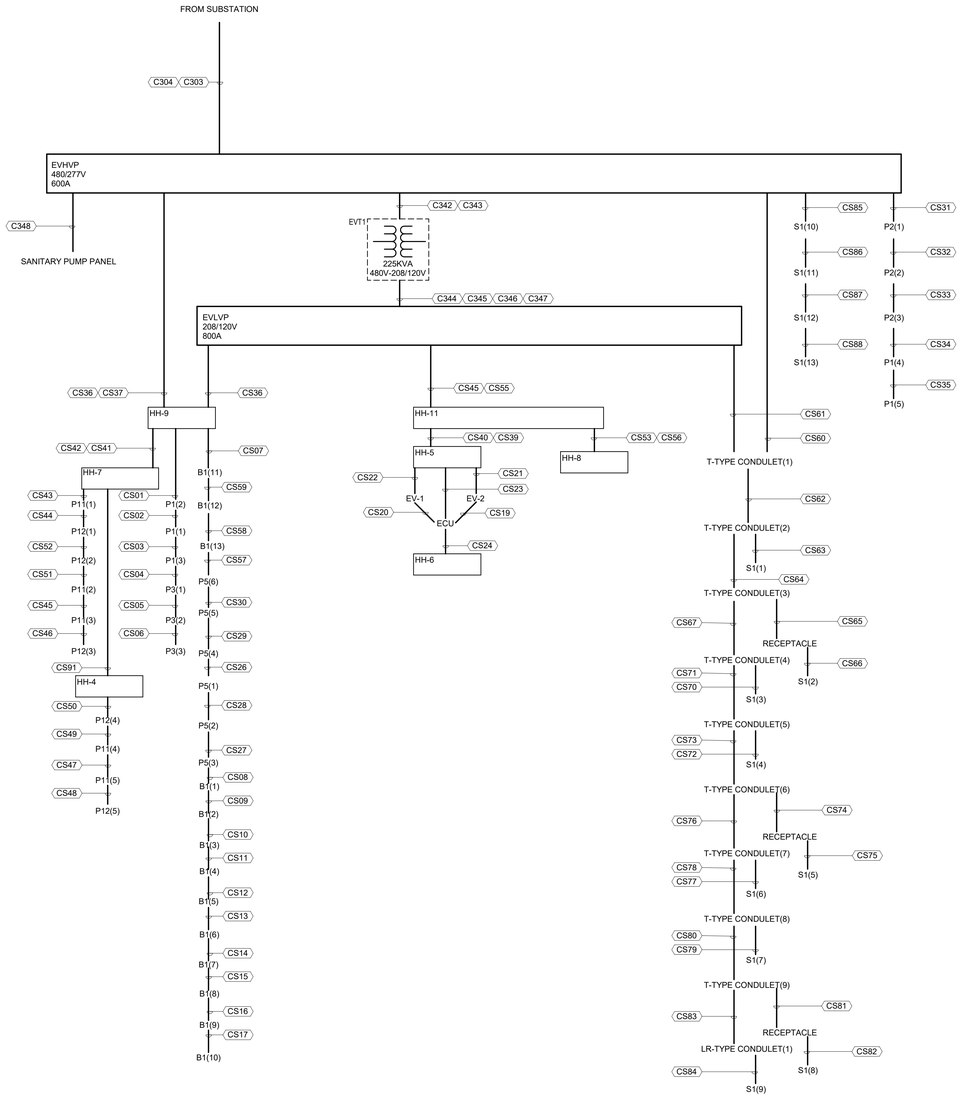
SHEET TITLE:

BUILDING 22 - IT ROUTE

DRAWING NUMBER:

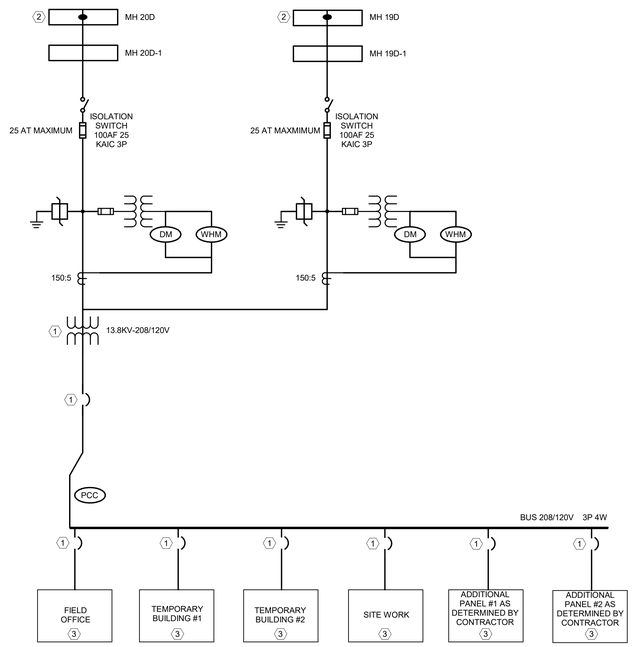
E-507

SHEET: OF



1 ELECTRICAL SITE DISTRIBUTION ONE-LINE

NOT TO SCALE

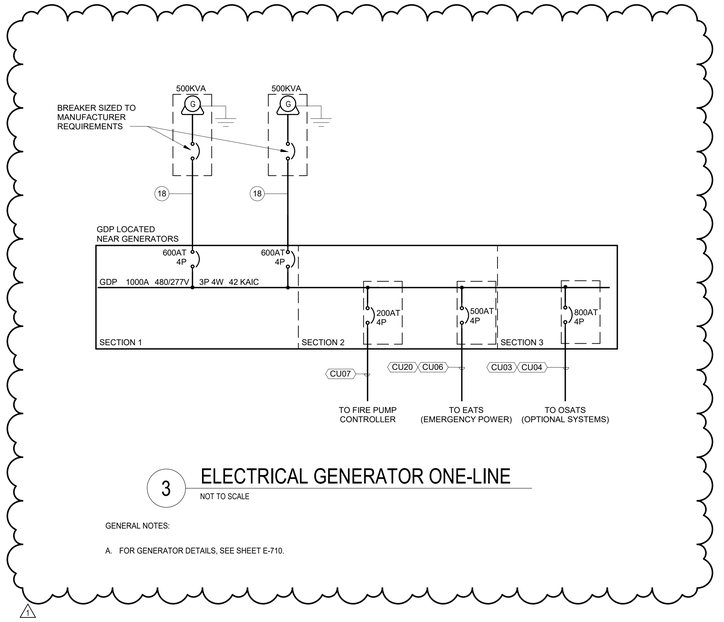


2 ELECTRICAL TEMPORARY SERVICE ONE-LINE

NOT TO SCALE

KEYED NOTES: (#)

1. TO BE SIZED BY CONTRACTOR.
2. SPLICE TO EXISTING CIRCUIT AS DIRECTED BY DIRECTOR'S REPRESENTATIVE WITH 600A 15KV RATED SEPARABLE SPLICES.
3. PROVIDE PANELS AS SHOWN. CONTRACTOR TO DETERMINE LOCATION AND SIZE/CAPACITY.



3 ELECTRICAL GENERATOR ONE-LINE

NOT TO SCALE

GENERAL NOTES:

A. FOR GENERATOR DETAILS, SEE SHEET E-710.

1

NEW YORK STATE Office of General Services

CONSULTANT:

CERTIFICATE OF AUTHORIZATION #: 021745

CHA

UNIFORM CODE STATEMENT:
TO THE BEST OF REGISTERED DESIGN PROFESSIONAL'S KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 UNIFORM CODE.

ENERGY CODE WRITTEN STATEMENT:
TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THE DRAWINGS BEARING MY PROFESSIONAL SEAL AND SIGNATURE MEET OR EXCEED THE 2020 NEW YORK STATE ENERGY CODE CONSISTING OF THE 2018 INTERNATIONAL ENERGY CONSERVATION CODE, 2016 ASHRAE 90.1.

WARNING:

THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS 'A' MISDEMEANOR.

CONTRACT:
CONSTRUCTION

TITLE:
Provide Testing Laboratory, Building 14

LOCATION:
DOT Region 1, Albany County
State Office Building Campus
Albany, NY

CLIENT:
New York State Department of Transportation

MARK	DATE	DESCRIPTION
1	03/09/26	ADDENDUM 1
	01/13/26	BID DOCUMENT

PROJECT NUMBER: 47528-C

DESIGNED BY: VFM

DRAWN BY: VFM

FIELD CHECK:

APPROVED:

SHEET TITLE:

ELECTRICAL DISTRIBUTION ONE-LINE

DRAWING NUMBER:

E-613

SHEET: OF

NEW YORK STATE | Office of General Services

CONSULTANT:

CERTIFICATE OF AUTHORIZATION #: 021745

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MOUNTING	MINIMUM DELIVERED LUMENS	MAXIMUM INPUT WATTS	MINIMUM CRI	COLOR TEMPERATURE	VOLTAGE	BASIS OF DESIGN	COMMENTS
AC2	2' LED CHANNEL FIXTURE, CLEAR LENS, 0-10V DIMMING DRIVER, NON-DIMMING ELECTRONIC CLASS 2 DRIVER, BLACK FINISH	RECESSED	181	2.0	90	3500K	120-277V	ACOLYTE:CHAC2-C-BK-90-SWS220-0.75-35-1-FA-DRVW2430	LAB ENTRIES, BEHIND STEEL PANELS
B1	4' FLAT CAP BOLLARD LED FIXTURE, 6" DIAMETER, 360 DEGREE DISTRIBUTION, ELECTRONIC BUTTON PHOTOCONTROL, SILVER FINISH, DUPLEX RECEPTACLE WITH GFI, SECURE WITH GALVANIZED ANCHOR BOLTS TO CONTRACTOR INSTALLED CONCRETE FOOTING	BOLLARD	2875	21.0	80	4000K	120-277V	LUMUX: BL100MOD-F	
BR1	20' RECESSED LINEAR LED FIXTURE, SPOTLESS LENS, 0-10V DIMMING DRIVER, PROVIDE T BAR, WHITE FINISH	RECESSED	3598	30.5	80	3500K	120-277V	AXIS: B2SQRLED-1000-80-30-SO-DF-W-UNV-DP-1	
BR2	4' RECESSED LINEAR LED FIXTURE, SPOTLESS LENS, 0-10V DIMMING DRIVER, PROVIDE T BAR, BATWING DISTRIBUTION TYPE, WHITE FINISH	RECESSED	4000	8.0	80	3500K	120-277V	AXIS: BBRLED-90-35-BW	
BR2-E	4' RECESSED LINEAR LED FIXTURE, SPOTLESS LENS, 0-10V DIMMING DRIVER, PROVIDE T BAR, BATWING DISTRIBUTION TYPE, WHITE FINISH	RECESSED	4000	8.0	80	3500K	120-277V	AXIS: BBRLED-90-35-BW	
BR3A-E	4' RECESSED LINEAR LED FIXTURE, SPOTLESS LENS, PROVIDE TRIM, WHITE FINISH	RECESSED	1200	10.1	80	3500K	120-277V	AXIS: B2SQRLED-80-35-SO	
BR4-E	6' RECESSED LINEAR LED FIXTURE, FLUSH SPOTLESS LENS, 0-10V DIMMING DRIVER, DRYWALL SPACKLE FLANGE, WHITE FINISH	RECESSED	5400	50	90	3500K	120-277V	AXIS: B2SQRLED-90-35-ASO	
BR5	CUSTOM LENGTH, FULL WIDTH OF ROOM, RECESSED LINEAR LED FIXTURE, FLUSH SPOTLESS LENS, 0-10V DIMMING DRIVER, DRYWALL SPACKLE FLANGE, WHITE FINISH	RECESSED	2093	17.7	80	3500K	120-277V	AXIS: B2SQRLED-80-35-SO	
BR5-WALL	5' RECESSED LINEAR LED FIXTURE, FLUSH SPOTLESS LENS, 0-10V DIMMING DRIVER, DRYWALL SPACKLE FLANGE, WHITE FINISH	RECESSED	2969	25.2	80	3500K	120-277V	AXIS: B2SQRLED-80-35-SO	
BR6-WALL	6' RECESSED LINEAR LED FIXTURE, FLUSH SPOTLESS LENS, 0-10V DIMMING DRIVER, DRYWALL SPACKLE FLANGE, WHITE FINISH	RECESSED	2969	25.2	80	3500K	120-277V	AXIS: B2SQRLED-80-35-SO	
BR7	CUSTOM LENGTH, FULL WIDTH OF ROOM, RECESSED LINEAR LED FIXTURE, FLUSH SPOTLESS LENS, 0-10V DIMMING DRIVER, DRYWALL SPACKLE FLANGE, WHITE FINISH	RECESSED	2799	23.7	80	3500K	120-277V	AXIS: B2SQRLED-80-35-SO	
BR8	CUSTOM LENGTH, FULL WIDTH OF ROOM, RECESSED LINEAR LED FIXTURE, FLUSH SPOTLESS LENS, 0-10V DIMMING DRIVER, DRYWALL SPACKLE FLANGE, WHITE FINISH	RECESSED	2669	22.6	80	3500K	120-277V	AXIS: B2SQRLED-90-35-SO	
BR8A	8' 10 3/4" RECESSED LINEAR LED FIXTURE, SPOTLESS LENS, PROVIDE TRIM, NARROW DISTRIBUTION TYPE, WHITE FINISH	RECESSED	2669	22.6	80	3500K	120-277V	AXIS: B2SQRLED-80-35-SO	
BR8A-E	8' 10 3/4" RECESSED LINEAR LED FIXTURE, SPOTLESS LENS, PROVIDE TRIM, NARROW DISTRIBUTION TYPE, WHITE FINISH	RECESSED	2669	22.6	80	3500K	120-277V	AXIS: B2SQRLED-80-35-SO	
BR9	CUSTOM LENGTH, FULL WIDTH OF ROOM, RECESSED LINEAR LED FIXTURE, FLUSH SPOTLESS LENS, 0-10V DIMMING DRIVER, DRYWALL SPACKLE FLANGE, WHITE FINISH	RECESSED	1800	15.3	80	3500K	120-277V	AXIS: B2SQRLED-90-35-SO	
BR11	CUSTOM LENGTH, FULL WIDTH OF ROOM, RECESSED LINEAR LED FIXTURE, SPOTLESS LENS, 0-10V DIMMING DRIVER, DRYWALL SPACKLE FLANGE, WHITE FINISH	RECESSED	4042	34.3	80	3500K	120-277V	AXIS: B2SQRLED-80-35-SO	
BR12	CUSTOM LENGTH, FULL WIDTH OF ROOM, RECESSED LINEAR LED FIXTURE, FLUSH SPOTLESS LENS, 0-10V DIMMING DRIVER, DRYWALL SPACKLE FLANGE, WHITE FINISH	RECESSED	4975	42.2	80	3500K	120-277V	AXIS: B2SQRLED-80-35-SO	
BR16	16' RECESSED LINEAR LED FIXTURE, SPOTLESS LENS, 0-10V DIMMING DRIVER, DRYWALL SPACKLE FLANGE, WHITE FINISH	RECESSED	3598	30.5	80	3500K	120-277V	AXIS: B2SQRLED-80-35-SO	
BR17A	28' RECESSED LINEAR LED FIXTURE, SPOTLESS LENS, PROVIDE TRIM, WHITE FINISH	RECESSED	8400	71.2	80	3500K	120-277V	AXIS: B2SQRLED-80-35-SO	
BR17A-E	28' RECESSED LINEAR LED FIXTURE, SPOTLESS LENS, PROVIDE TRIM, WHITE FINISH	RECESSED	8400	71.2	80	3500K	120-277V	AXIS: B2SQRLED-80-35-SO	
BR24	CUSTOM LENGTH, FULL WIDTH OF ROOM, RECESSED LINEAR LED FIXTURE, SPOTLESS LENS, 0-10V DIMMING DRIVER, DRYWALL SPACKLE FLANGE, WHITE FINISH	RECESSED	5962	50.5	80	3500K	120-277V	AXIS: B2SQRLED-80-35-SO	
BR25	CUSTOM LENGTH, FULL WIDTH OF ROOM, RECESSED LINEAR LED FIXTURE, FLUSH SPOTLESS LENS, 0-10V DIMMING DRIVER, DRYWALL SPACKLE FLANGE, WHITE FINISH	RECESSED	2969	25.2	80	3500K	120-277V	AXIS: B2SQRLED-80-35-SO	
BR29	CUSTOM LENGTH, FULL WIDTH OF SOFFIT, RECESSED LINEAR LED FIXTURE, FLUSH SPOTLESS LENS, 0-10V DIMMING DRIVER, DRYWALL SPACKLE FLANGE, WHITE FINISH	RECESSED	2572	21.8	80	3500K	120-277V	AXIS: B2SQRLED-80-35-SO	
BR33	CUSTOM LENGTH, FULL WIDTH OF ROOM, RECESSED LINEAR LED FIXTURE, SPOTLESS LENS, 0-10V DIMMING DRIVER, PROVIDE T BAR, WHITE FINISH	RECESSED	1200	10.1	80	3500K	120-277V	AXIS: B2SQRLED-80-35-SO	
BR35	CUSTOM LENGTH, FULL WIDTH OF ROOM, RECESSED LINEAR LED FIXTURE, SPOTLESS LENS, 0-10V DIMMING DRIVER, DRYWALL SPACKLE FLANGE, WHITE FINISH	RECESSED	5962	51.8	80	3500K	120-277V	AXIS: B2SQRLED-80-35-SO	
BR39	CUSTOM LENGTH, FULL WIDTH OF ROOM, RECESSED LINEAR LED FIXTURE, FLUSH SPOTLESS LENS, 0-10V DIMMING DRIVER, DRYWALL SPACKLE FLANGE, WHITE FINISH	RECESSED	4042	34.3	80	3500K	120-277V	AXIS: B2SQRLED-80-35-SO	
DLE1	4 3/8" WET LOCATION RATED DOWNLIGHT, SYMMETRIC DISTRIBUTION, BLACK FINISH	RECESSED	1238	14.0	90	4000K	120-277V	BEGA: B24384-12.3W-32°-K3-WHT-120-277V-0-10V	
DLE2	4 3/8" WET LOCATION RATED DOWNLIGHT, SYMMETRIC DISTRIBUTION, SILVER FINISH	RECESSED	1238	14.0	90	3500K	120-277V	BEGA: B24384-12.3W-32°-K3-BLK-120-277V-0-10V	
DR2	2" RECESSED DOWNLIGHT, BEVEL TRIMLESS DRYWALL MUDPLATE, STATIC WHITE, 90DEG BEAM DISTRIBUTION, WHITE FINISH	RECESSED	569	7.0	90	3500K	120-277V	LUMENWERX: AE2RRB-SW-90CRI-35K-FTMW-NA	
DR2-E	2" RECESSED DOWNLIGHT, BEVEL TRIMLESS DRYWALL MUDPLATE, STATIC WHITE, 90DEG BEAM DISTRIBUTION, WHITE FINISH	RECESSED	569	7.0	90	3500K	120-277V	LUMENWERX: AE2RRB-SW-90CRI-35K-FTMW-NA	
DR3	2" RECESSED DOWNLIGHT, FLANGED TRIM, STATIC WHITE, 90DEG BEAM DISTRIBUTION, WHITE FINISH	RECESSED	569	7.0	90	3500K	120-277V	LUMENWERX: AE2RRB-SW-90CRI-35K-FTMW-NA	
DS5	5" SURFACE MOUNTED WET LOCATION RATED DOWNLIGHT, WHITE FINISH	SURFACE	650	10.2	90	3500K	120-277V	LIGHTOLIER: S5R835K7AL	
DS7	7" SURFACE MOUNTED WET LOCATION RATED DOWNLIGHT, WHITE FINISH	SURFACE	1000	14.7	90	3500K	120-277V	LIGHTOLIER: S7R830K10AL	
E1	WALL MOUNT SCONCE, TYPE 3 DISTRIBUTION, FLAT SOFT MAXIMUM DIFFUSED ACRYLIC LENS, ELECTRONIC BUTTON PHOTON CONTROL (120-277V), BLACK FINISH	SURFACE	518	8.0	90	4000K	120-277V	BEGA: B33341-5.8W-120-277V-0-10V-90CRI-K3-WHT	
FR1	DECORATIVE 1X1 LOOP RECESSED GRID FIXTURE, FLAT GRID, 360DEG BATWING DISTRIBUTION, WHITE FINISH	RECESSED	1450	15.0	90	3500K	120-277V	FLUXWERX: LR1-11-90	
FR2	DECORATIVE 2X2 LOOP RECESSED GRID FIXTURE, FLAT GRID, 360DEG BATWING DISTRIBUTION, WHITE FINISH	RECESSED	2690	23.0	90	3500K	120-277V	FLUXWERX: LR1-62-A-30-F1-120-277V-B	
GR1	4X1 LED RECESSED CLEANROOM TROFFER, ACRYLIC FROSTED DIFFUSER, 0-10V DIMMING DRIVER, PROVIDE SEALANT, CONTINUOUS PERIMETER, WHITE FINISH	SURFACE	2596	24.0	90	3500K	120-277V	LITHONIA: SRTL-F-L48-3000- AFL-MVOLT-EZ1-35K-90	
GR1-E	4X1 LED RECESSED CLEANROOM TROFFER, ACRYLIC FROSTED DIFFUSER, 0-10V DIMMING DRIVER, PROVIDE SEALANT, CONTINUOUS PERIMETER, WHITE FINISH	SURFACE	2596	24.0	90	3500K	120-277V	LITHONIA: SRTL-F-L48-3000- AFL-MVOLT-EZ1-35K-90	
GR2	2X2 LED RECESSED CLEANROOM TROFFER, ACRYLIC FROSTED DIFFUSER, 0-10V DIMMING DRIVER, WHITE FINISH	RECESSED	8606	90.9	90	3500K	120-277V	LITHONIA: 2SRTL-F-L22-10000- AFL-347-EZ1-35K-90	
GR3	2X2 RECESSED GRID MOUNTED LED TROFFER, SOFT WHITE ACRYLIC CENTER SHIELDING, CONSTANT CURRENT DIMMING TO 1% MINIMUM DIMMING LEVEL, WHITE FINISH	RECESSED	2000	15.6	90	3500K	120-277V	MARK: WHSPR-2X2-90CRI-35K-SWC	
GR3-E	2X2 RECESSED GRID MOUNTED LED TROFFER, SOFT WHITE ACRYLIC CENTER SHIELDING, CONSTANT CURRENT DIMMING TO 1% MINIMUM DIMMING LEVEL, WHITE FINISH	RECESSED	2000	15.6	90	3500K	120-277V	MARK: WHSPR-2X2-90CRI-35K-SWC	
GR4	2X4 RECESSED GRID MOUNTED LED TROFFER, SOFT WHITE ACRYLIC CENTER SHIELDING, CONSTANT CURRENT DIMMING TO 1% MINIMUM DIMMING LEVEL, WHITE FINISH	RECESSED	6281	60.2	90	3500K	120-277V	MARK: WHSPR-2X4-90CRI-35K-SWC	
GR4-E	2X4 RECESSED GRID MOUNTED LED TROFFER, SOFT WHITE ACRYLIC CENTER SHIELDING, CONSTANT CURRENT DIMMING TO 1% MINIMUM DIMMING LEVEL, WHITE FINISH	RECESSED	6281	60.2	90	3500K	120-277V	MARK: WHSPR-2X4-90CRI-35K-SWC	
GR4-HIGH	2X4 RECESSED GRID MOUNTED LED TROFFER, SOFT WHITE ACRYLIC CENTER SHIELDING, CONSTANT CURRENT DIMMING TO 1% MINIMUM DIMMING LEVEL, WHITE FINISH	RECESSED	9000	77.0	90	3500K	120-277V	MARK: WHSPR-2X4-90CRI-35K-SWC	
GR4-HIGH-E	2X4 RECESSED GRID MOUNTED LED TROFFER, SOFT WHITE ACRYLIC CENTER SHIELDING, STANDARD WHITE FINISH, CONSTANT CURRENT DIMMING TO 1% MINIMUM DIMMING LEVEL	RECESSED	9000	77.0	90	3500K	120-277V	WHSPR-2X4-90CRI-35K-SWC	
HP1	HIGH BAY PENDANT, STANDARD EFFICIENCY PERFORMANCE, WIDE DISTRIBUTION, 0-10V DIMMING DRIVER, WHITE FINISH	PENDANT	8372	55.0	80	3500K	120-277V	LITHONIA: CPHB-12000-MVOLT-GZ10-35K-80	REFER TO KEYED NOTE ON REFLECTED CEILING PLAN FOR MOUNTING HEIGHT
HP1-E	HIGH BAY PENDANT, STANDARD EFFICIENCY PERFORMANCE, WIDE DISTRIBUTION, 0-10V DIMMING DRIVER, WHITE FINISH	PENDANT	8372	55.0	80	3500K	120-277V	LITHONIA: CPHB-12000-MVOLT-GZ10-35K-80	REFER TO KEYED NOTE ON REFLECTED CEILING PLAN FOR MOUNTING HEIGHT
LR2	2' RECESSED LINEAR LED FIXTURE, FLUSH SPOTLESS LENS, 0-10V DIMMING DRIVER, PROVIDE T BAR, WHITE FINISH	RECESSED	1600	13.0	90	3500K	120-277V	AXIS: B6RLED-90-FL-2-UNV	
LR2-E	2' RECESSED LINEAR LED FIXTURE, FLUSH SPOTLESS LENS, 0-10V DIMMING DRIVER, PROVIDE T BAR, WHITE FINISH	RECESSED	1600	13.0	90	3500K	120-277V	AXIS: B6RLED-90-FL-2-UNV	
LR2-L	2' RECESSED LINEAR LED FIXTURE, FLUSH SPOTLESS LENS, 0-10V DIMMING DRIVER, PROVIDE T BAR, WHITE FINISH	RECESSED	1200	9.0	90	3500K	120-277V	AXIS: B6RLED-90-FL-2-UNV	
LR2-OFF	2' RECESSED LINEAR LED FIXTURE, FLUSH SPOTLESS LENS, 0-10V DIMMING DRIVER, PROVIDE T BAR, WHITE FINISH	RECESSED	800	6.0	90	3500K	120-277V	AXIS: B6RLED-90-FL-2-UNV	
LR4	4' RECESSED LINEAR LED FIXTURE, FLUSH SPOTLESS LENS, 0-10V DIMMING DRIVER, PROVIDE T BAR, WHITE FINISH	RECESSED	3200	26.1	90	3500K	120-277V	AXIS: B6RLED-90-FL-4-UNV	
LR4-E	4' RECESSED LINEAR LED FIXTURE, FLUSH SPOTLESS LENS, 0-10V DIMMING DRIVER, PROVIDE T BAR, WHITE FINISH	RECESSED	3200	26.1	90	3500K	120-277V	AXIS: B6RLED-90-FL-4-UNV	
LR4-H	4' RECESSED LINEAR LED FIXTURE, FLUSH SPOTLESS LENS, 0-10V DIMMING DRIVER, PROVIDE T BAR, WHITE FINISH	RECESSED	4000	30.7	90	3500K	120-277V	AXIS: B6RLED-90-FL-4-UNV	
LR4-L	4' RECESSED LINEAR LED FIXTURE, FLUSH SPOTLESS LENS, 0-10V DIMMING DRIVER, PROVIDE T BAR, WHITE FINISH	RECESSED	2400	18.2	90	3500K	120-277V	AXIS: B6RLED-90-FL-4-UNV	
LR4-L-E	4' RECESSED LINEAR LED FIXTURE, FLUSH SPOTLESS LENS, 0-10V DIMMING DRIVER, PROVIDE T BAR, WHITE FINISH	RECESSED	2400	18.2	90	3500K	120-277V	AXIS: B6RLED-90-FL-4-UNV	
LR4-OFF	4' RECESSED LINEAR LED FIXTURE, FLUSH SPOTLESS LENS, 0-10V DIMMING DRIVER, PROVIDE T BAR, WHITE FINISH	RECESSED	1600	12.0	90	3500K	120-277V	AXIS: B6RLED-90-FL-4-UNV	
LR4-OFF-E	4' RECESSED LINEAR LED FIXTURE, FLUSH SPOTLESS LENS, 0-10V DIMMING DRIVER, PROVIDE T BAR, WHITE FINISH	RECESSED	1600	12.0	90	3500K	120-277V	AXIS: B6RLED-90-FL-4-UNV	
LS2	2' SURFACE LINEAR LED FIXTURE, FLUSH SPOTLESS LENS, 0-10V DIMMING DRIVER, PROVIDE T BAR, WHITE FINISH	SURFACE	1600	13.0	90	3500K	120-277V	AXIS: B6SLED-90-FL-2-UNV	
LS4	4' SURFACE LINEAR LED FIXTURE, FLUSH SPOTLESS LENS, 0-10V DIMMING DRIVER, PROVIDE T BAR, WHITE FINISH	SURFACE	3200	26.1	90	3500K	120-277V	AXIS: B6RLED-90-FL-4-UNV	
ML2	2' MULTIPURPOSE LINEAR, CURVED FROSTED ACRYLIC LENS, WIDE DISTRIBUTION, 0-10V DIMMING DRIVER, WHITE FINISH	SURFACE	2829	20.9	80	3500K	120-277V	COLUMBIA: MPS-2-HL-CN-EDU	
ML4	4' MULTIPURPOSE LINEAR, CURVED FROSTED ACRYLIC LENS, WIDE DISTRIBUTION, 0-10V DIMMING DRIVER, WHITE FINISH	SURFACE	2426	19.9	80	3500K	120-277V	COLUMBIA: MPS-4-HL-CN-EDU	
ML4-P	4' MULTIPURPOSE LINEAR, CURVED FROSTED ACRYLIC LENS, WIDE DISTRIBUTION, 0-10V DIMMING DRIVER, WHITE FINISH	PENDANT	2426	19.9	80	3500K	120-277V	COLUMBIA: MPS-4-HL-CN-EDU	REFER TO KEYED NOTE ON REFLECTED CEILING PLAN FOR MOUNTING HEIGHT
ML8	8' MULTIPURPOSE LINEAR, CURVED FROSTED ACRYLIC LENS, WIDE DISTRIBUTION, 0-10V DIMMING DRIVER, WHITE FINISH	PENDANT	11385	100.0	80	3500K	120-277V	COLUMBIA: MPS-8-HL-CN-EDU	REFER TO KEYED NOTE ON REFLECTED CEILING PLAN FOR MOUNTING HEIGHT
NR2	90" DIAMETER DECORATIVE RECESSED CIRCULAR, SPOTLESS LENS, DRYWALL SPACKLE FLANGE, WHITE FINISH	RECESSED	779	9.2	90	3500K	120-277V	AXIS: SK-10008-CIR-90-35-DS	
P1	1 ARM POLE MOUNTED SITE LIGHTING FIXTURE, TYPE 4 WIDE DISTRIBUTION, TWIST-LOCK PHOTOCONTROL (120-277V), CLEAR ACRYLIC, ADJUSTABLE SLIP FITTER & 4" DIAMETER STRAIGHT ROUND ALUMINUM 14' POLE, DUPLEX RECEPTACLE WITH GFI, HAND HOLE	POLE	11017	68.0	80	4000K	120-277V	GARDCO: P26-A01-840-T4M-HIS-AR1-120-DALI-WIAPHW-SP2-BK; GARDCO: SRA	TILT: 0DEG
P2	1 ARM POLE MOUNTED SITE LIGHTING FIXTURE, TYPE 4 WIDE DISTRIBUTION, TWIST-LOCK PHOTOCONTROL (120-277V), CLEAR ACRYLIC, ADJUSTABLE SLIP FITTER & 4" DIAMETER STRAIGHT ROUND ALUMINUM 18' POLE, DUPLEX RECEPTACLE WITH GFI, HAND HOLE	POLE	11017	68.0	80	4000K	120-277V	GARDCO:P26-A01-840-T4M-HIS-AR1-120-DALI-WIAPHW-SP2-BK; GARDCO: SRA	TILT: 30DEG
P3	2 ARM POLE MOUNTED SITE LIGHTING FIXTURE, TYPE 4 WIDE DISTRIBUTION, TWIST-LOCK PHOTOCONTROL (120-277V), CLEAR ACRYLIC, ADJUSTABLE SLIP FITTER & 4" DIAMETER STRAIGHT ROUND ALUMINUM 14' POLE, DUPLEX RECEPTACLE WITH GFI, HAND HOLE	POLE	22034	136.0	80	4000K	120-277V	GARDCO: P26-A01-840-T4M-HIS-AR2-120-DALI-WIAPHW-SP2-BK; GARDCO: SRA	TILT: 0DEG
P5	14' LINEAR LED POLE WITH 9' CANTILEVERED ARM CONTAINING LINEAR LED LIGHTING, MEDIUM OUTPUT, FRONT UPRIGHT LED WITH MEDIUM OUTPUT, GFCI BOX, FLUSH IN-USE RECEPTACLE, RECTANGULAR EXTRUDED 6061-T6 ALUMINUM ALLOY TUBE FASTENED TO A SQUARE BASE SUPPORT WELDED TO ALUMINUM ALLOY BASEPLATE	POLE	3473	59.0	80	4000K	120-277V	STRUCTURA: ORTHO LED-14-C-L40-MO-UF-MO-UNV-GFCI-BD-FDPX	
P11	1 ARM POLE MOUNTED SITE LIGHTING FIXTURE, TYPE 3 DISTRIBUTION, TWIST-LOCK PHOTOCONTROL (120-277V), CLEAR ACRYLIC & 20' ALUMINUM POLE, ROUND TAPERED, 8" AT BASE, 0.188" THICK, SINGLE 10' ELLIPTICAL TRUSS ARM	POLE	16000	100.0	70	4000K	120-277V	COOPER: ARCH-M; VALMONT: R-1TA1032C	
P12	2 ARM POLE MOUNTED SITE LIGHTING FIXTURE, TYPE 3 DISTRIBUTION, TWIST-LOCK PHOTOCONTROL (120-277V), CLEAR ACRYLIC & 20' ALUMINUM POLE, ROUND TAPERED, 8" AT BASE, 0.188" THICK, SINGLE 10' ELLIPTICAL TRUSS ARM	POLE	16000	100.0	70	4000K	120-277V	COOPER: ARCH-M; VALMONT: R-1TA1032C	
S1	8"X8" CUBE TRAC LINEAR WALL MOUNT LED,TYPE 4 DISTRIBUTION, BLACK TEXTURE	SURFACE	6359	56.0	80	4000K	120-277V	NLS: TWL-T4-16L-40K8-UNV-WM-BLK	
TL1	4' LED STRIP LIGHT, 0-10V DIMMING DRIVER	SURFACE	3013	21.8	90	3500K	120-277V	DAY-BRITE: FSS440L840-UNV-DIM	
UC1	16" UNDERCABINET SURFACE LED FIXTURE, 6" LINKING CONNECTOR, MAGNETIC MOUNTING, 24W WALL PLUG, WIRELESS CONTROL RECIEVER	SURFACE	479	5.7	90	3500K	120-277V	AXIS:BCUC-RUN-16-90-W-120-RDE10	
UC2	10" UNDERCABINET SURFACE LED FIXTURE, 6" LINKING CONNECTOR, MAGNETIC MOUNTING, 24W WALL PLUG, WIRELESS CONTROL RECIEVER	SURFACE	300	3.6	90	3500K	120-277V	AXIS:BCUC-RUN-10-90-W-120-RDE10	
WW1	4' RECESSED LINEAR LED FIXTURE, FLUSH SPOTLESS LENS, 0-10V DIMMING DRIVER, PROVIDE T BAR, WALLWASH SHIELDING	RECESSED	3200	38.0	90	3500K	120-277V	AXIS: BBRLED-90-35-WW-4	
XS1	SURFACE MOUNTED EXIT SIGN GREEN ON CLEARLED, SINGLE FACE, SINGLE FACE, LED AC ONLY	SURFACE	*	3.5	*	*	120-277V	CHLORIDE:BB45VL-45VL-SC -GW	
XS2	WALL MOUNTED EXIT SIGN GREEN ON CLEARLED, SINGLE FACE, SINGLE FACE, LED AC ONLY	SURFACE	*	3.5	*	*	120-277V	CHLORIDE:BB45VL-45VL-SW -GW	
XS3	PENDANT MOUNTED EXIT SIGN GREEN ON CLEARLED, SINGLE FACE, SINGLE FACE, LED AC ONLY	PENDANT	*	3.5	*	*	120-277V	CHLORIDE:BB45VL-45VL-SP -GW	

GENERAL NOTES:

A. FOR ALL LUMINAIRES, AVAILABLE COLOR AND FINISH SELECTIONS FOR EACH TYPE OF LUMINAIRE WILL BE SUBMITED FOR SELECTION AS PART OF THE APPROVAL. IT SHOULD BE ASSUMMED THAT MULTIPLE COLOR AND FINISHES WILL BE SELECTED AND MAY NOT BE CONSISTENT FROM SPACE TO SPACE.

B. CONTRACT DRAWINGS SHOW FOUR AND TWO FOOT FIXTURES IN ALL LOCATIONS. FOR THOSE LOCATIONS WHERE MULTIPLE FOUR AND MULTIPLE TWO FOOT FIXTURES ARE SHOWN IN LINE, THE CONTRACTOR MAY SUBMIT, AS A SUBSTITUTE (FOR APPROVAL), SINGLE FIXTURES OF GREATER LENGTH TO MATCH THE REQUIRED LENGTH FOR VARIOUS LOCATIONS. SUBMISSION OF SUBSTITUTED FIXTURE MUST BE ACCOMPANIED WITH LIGHT LEVEL CALCULATIONS SHOWING EQUIVALENT FOOTCANDLE LEVELS.

CONTROL DEVICES VS. NETWORK BRIDGES

LEVEL	NETWORK BRIDGE	ROOM CONTROLLER LOCATION	NUMBER OF ROOM CONTROLLERS
1	NB1	117, 123, 126, 130, 128, 125A, 115, 115B, 116A	22
1	NB2	116, 114, 113, 113A, 110, 111, 112, 108, 107, 106, SA, 1-C1, 102, 103, 101	32
2	NB3	207E, 207C, 219, 217, 216, 209A, 209, 213, 211, 224, 225A, 225B, 2-C2, 222, 221, 228A	28
2	NB4	207F, 207B, 207A, 203A, 203, 200, 2-C1, 201, 202, 204, 205, 205A, 206, 206A, 208B, 208A	39
3	NB5	315, 314, 312, 311A, 311D, 311, 310A, 310B, 310, 310D, 308	11
3	NB6	308A, 318, 305, 304A, 304, 301, 302, 300, 3-C1, 303A, 303, 303B, 303C, 303D, 309A	30
4	NB7	415A, 413, 411, 409, 409A, 409B, 409C, 407F, 414B, 410, 410C, 410D	16
4	NB8	407, 407B, 407D, 405D, 405E, 405, 405B, 405A, 400, 403, 4-C1, 408B, 404A, 404, 401, 402, SA	24

LIGHTING POWER ALLOWANCES & PERFORMANCE METRICS

ROOM TYPE/NAME	RECOMMENDED AVERAGE FOOTCANDLES (FC) PER OGS	AVERAGE FOOTCANDLES (FC)	TOTAL WATTS (W)	TOTAL ROOM/SPACE (ft^2)	LPD (W/ft^2)	MAXIMUM LPD (W/ft^2)
CONFERENCE ROOM	30.0	33.5	766	2798	0.38	0.97
CORRIDOR	5.0	36.0	2775	11124	0.25	0.41
LABORATORY (PROFESSIONAL)	75.0	85.0	23067	43396	0.50	1.33
LOADING DOCK	10.0	5.0	247	610	0.40	0.88
LOBBY	10.0	28.0	539	2678	0.25	0.84
LOUNGE/BREAKROOM	10.0	20.0	148	437	0.30	0.59
MECHANICAL/ELECTRICAL ROOM	15.0	33.0	1628	2019	0.95	0.43
OFFICE	40.0	44.0	5118	9679	0.53	0.61
RESTROOM/TOILET	10.0	35.0	1240	2436	0.55	0.63
SITE - LOT Y	1.5	1.7	1515	N/A	N/A	N/A
SITE - MAIN LOT	1.5	2.9	875	N/A	N/A	N/A
SITE - PLAZA	1.5	3.1	585	N/A	N/A	N/A
SITE - SIDEWALK	1.5	3.8	205	N/A	N/A	N/A
SITE - SMALL LOT	1.5	1.6	136	N/A	N/A	N/A
SITE - SUBSTATION	15.0	16.4	672	N/A	N/A	N/A
STAIRWAY	10.0	12.0	542	2394	0.30	0.49
STORAGE ROOM	10.0	29.0	2757	9868	0.43	0.38
WORKSHOP	30.0	32.0	1386	7370	0.20	1.26

SPECIALITY RECEPTACLE SCHEDULE

TAG #	NEMA #	CONDUCTOR AND CONDUIT TO RECEPTACLE	COMMENTS AND NOTES
A	L22-20R	0.5" CONDUIT (3) #12, (1) #12G	
B	6-50R	1.25" CONDUIT (2) #1, (1) #1G	
C	L14-30R	1" CONDUIT (3) #4, (1) #4G	
F	L6-30R	1" CONDUIT (2) #4, (1) #4G	
J	6-30R	1" CONDUIT (2) #4, (1) #4G	
K	6-20R	0.5" CONDUIT (2) #10, (1) #10G	
L	L6-15R	0.5" CONDUIT (2) #12, (1) #12G	
M	10-50R	1.25" CONDUIT (2) #1, (1) #1G	
N	L14-20R	0.5" CONDUIT (3) #12, (1) #12G	
P	L6-20R	0.5" CONDUIT (2) #10, (1) #10G	
Q	L18-20R	0.5" CONDUIT (3) #12, (1) #12G	
R	L6-50R	1.25" CONDUIT (2) #1, (1) #1G	
U	L15-20R	1" CONDUIT (3) #6, (1)#10G	
V	10-30R	1" CONDUIT (3) #4, (1) #4G	
W	5-20R	0.75" CONDUIT (2) #12, (1) #12G	
X	L6-15R	0.5" CONDUIT (2) #12, (1) #12G	CONNECTOR TO BE PROVIDED UNDER FURNITURE CONTRACT
Y	L25-30	0.75" CONDUIT (2) #10, (1) #10G	CONTRACTOR TO CONFIRM RECEPTACLE TYPE WITH OWNER PRIOR TO INSTALLATION

1

GENERAL NOTES:

A. DO NOT USE NEMA TYPES 1, 2, OR 10 RECEPTACLES.

B. SIZE CONDUITS AND OVERCURRENT PROTECTION PER SCHEDULE OF WIRE SIZE AND CONDUITS.

C. DO NOT USE RECEPTACLES RATED FOR LESS THAN 20 AMPERES..

FLOOR BOX SCHEDULE

FLOOR BOX TAG	FLOOR BOX SIZE	CONTENTS OF FLOOR BOX
FB1	4 GANG	TWO DUPLEX POWER RECEPTACLES. TWO BLANKS
FB2	4 GANG	ONE DUPLEX DATA RECEPTACLE. ONE DUPLEX POWER RECEPTACLE. TWO BLANKS
FB3	4 GANG	TWO DUPLEX DATA RECEPTACLE. TWO DUPLEX POWER RECEPTACLE
FB4	4 GANG	FOUR DUPLEX POWER RECEPTACLES
FB5	4 GANG	ONE DUPLEX POWER RECEPTACLE. THREE BLANKS
FB6	8 GANG	TWO DUPLEX DATA RECEPTACLE. TWO DUPLEX POWER RECEPTACLE. FOUR BLANKS
FB7	8 GANG	THREE DUPLEX DATA RECEPTACLE. FOUR DUPLEX POWER RECEPTACLE. ONE BLANK
FB8	4 GANG	TWO DUPLEX DATA RECEPTACLE. TWO DUPLEX SPECIALTY RECEPTACLE TYPE 'X'.

STATE OF NEW YORK · RICHARD E. GARRETT · LICENSED PROFESSIONAL ENGINEER · 066040

EXPIRES 8/31/2027

CONTRACT: CONSTRUCTION

TITLE: Provide Testing Laboratory, Building 14

LOCATION: DOT Region 1, Albany County State Office Building Campus Albany, NY

CLIENT: New York State Department of Transportation

MARK	DATE	DESCRIPTION
1	03/09/26	ADDENDUM 1
	01/13/26	BID DOCUMENT

PROJECT NUMBER: 47528-C

DESIGNED BY: VFM

DRAWN BY: VFM

FIELD CHECK:

APPROVED:

SHEET TITLE: ELECTRICAL SCHEDULES

DRAWING NUMBER: E-641

SHEET: OF

GENERAL NOTES:

A. UNLESS INDICATED OTHERWISE, CONDUITS UNDERSLAB TO BE RNMC CONCRETE ENCASED.

CONDUIT AND CABLE SCHEDULE

CONDUIT TAG	ROUTING		CONTENTS (CABLES/CONDUCTORS)	CONDUIT SIZE	REMARKS
	SOURCE	DESTINATION			
C600	FIRE ALARM CIRCUITS IN CEILING SPACE	JB-F1	NLC CABLE, SLC CABLE, SPEAKER CABLE, COMMUNICATION CABLE AND (2) 24VDC	1.0"	REFER TO FIRE ALARM RISER DIAGRAM FOR COMPLETE CIRCUIT
C601	JB-F1	FIRE ALARM CIRCUITS IN...	NLC CABLE, SLC CABLE, SPEAKER CABLE, COMMUNICATION CABLE AND (2) 24VDC	1.0"	REFER TO FIRE ALARM RISER DIAGRAM FOR COMPLETE CIRCUIT
C604	FACU	FTR-1	COMMUNICATION CABLE AND AUDIO CABLE IN APPROPRIATELY SIZE CONTINOUS INNERDUCT	1.5" EMT	
C605	FTR-1	FTR-2	COMMUNICATION CABLE AND AUDIO CABLE IN APPROPRIATELY SIZE CONTINOUS INNERDUCT	1.5" EMT	
C606	FTR-2	FTR-3	COMMUNICATION CABLE AND AUDIO CABLE IN APPROPRIATELY SIZE CONTINOUS INNERDUCT	1.5" EMT	
C607	FTR-3	FTR-4	COMMUNICATION CABLE AND AUDIO CABLE IN APPROPRIATELY SIZE CONTINOUS INNERDUCT	1.5" EMT	
C608	FACU	FTR-4	COMMUNICATION CABLE AND AUDIO CABLE IN APPROPRIATELY SIZE CONTINOUS INNERDUCT	1.5" EMT	
C799	HH-1	MDF	EMPTY CONDUIT WITH PULL STRING	4.0"	
C800	MDF	FB7	(3) CAT6a IN APPROPRIATELY SIZE CONTINOUS INNERDUCT	1.25"	
C801	EXISTING MH-161	HH-1	EMPTY CONDUIT WITH PULL STRING	4.0"	
C802	EXISTING MH-161	HH-1	EMPTY CONDUIT WITH PULL STRING	4.0"	
C803	EXISTING MH-110	EXISTING MH-111	48 STRAND OS2 IN APPROPRIATELY SIZE CONTINOUS INNERDUCT	4.0"	CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES...
C804	EXISTING MH-161	HH-1	48 STRAND OS2 IN (1) APPROPRIATELY SIZE CONTINOUS INNERDUCT AND (2) SPARE 1" INNERDUCTS	4.0"	CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-631 TO BUILDING 8.
C805	EXISITING MH-111	MDF	EMPTY CONDUIT WITH PULL STRING	4.0"	
C806	EXISTING MH-111	MDF	EMPTY CONDUIT WITH PULL STRING	4.0"	
C807	HH2	HH-1	48 STRAND OS2 IN APPROPRIATELY SIZE CONTINOUS INNERDUCT	4.0"	
C808	EXISTING MH-161	HH-1	EMPTY CONDUIT WITH PULL STRING	4.0"	
C809	EXISTING MH-111	MDF	EMPTY CONDUIT WITH PULL STRING	4.0"	
C810	HH1	MDF	48 STRAND OS2 IN (1) APPROPRIATELY SIZE CONTINOUS INNERDUCT AND (2) SPARE 1" INNERDUCTS	4.0"	
C811	EXISTING MH-111	MDF	48 STRAND OS2 IN APPROPRIATELY SIZE CONTINOUS INNERDUCT	4.0"	
C812	MDF	IDF 2	24 STRAND OM4, 12 STRAND OS2 IN APPROPRIATELY SIZE CONTINOUS INNERDUCT	4.0"	
C813	MDF	IDF 3	24 STRAND OM4, 12 STRAND OS2 IN APPROPRIATELY SIZE CONTINOUS INNERDUCT	4.0"	
C814	MDF	IDF 4	24 STRAND OM4, 12 STRAND OS2 IN APPROPRIATELY SIZE CONTINOUS INNERDUCT	4.0"	
C815	MDF	IDF 4	EMPTY CONDUIT WITH PULL STRING	4.0"	
C816	HH-1	MDF	EMPTY CONDUIT WITH PULL STRING	4.0"	
C817	LCP	NB3	COMMUNICATION CABLE PROVIDED BY CONTRACTOR AS NOTED ON E-632	1.0" EMT	
C818	LCP	NB6	COMMUNICATION CABLE PROVIDED BY CONTRACTOR AS NOTED ON E-632	1.0" EMT	
C819	LCP	NB8	COMMUNICATION CABLE PROVIDED BY CONTRACTOR AS NOTED ON E-632	1.0" EMT	
C820	MDF	FB7	(3) CAT6a IN APPROPRIATELY SIZE CONTINOUS INNERDUCT	1.25" EMT	
C821	HH-1	MDF	EMPTY CONDUIT WITH PULL STRING	4.0"	
C822	GROUNDING BAR RM 134	GROUNDING BAR RM 501	(2) #4/0G	2.0" EMT	
C823	PRIMARY BONDING BUSBAR (PBB)	SECONDARY BONDING BUSBAR...	(1) #2	1.0" EMT	
C824	PRIMARY BONDING BUSBAR (PBB)	SECONDARY BONDING BUSBAR (SBB)	(1) #1	1.0" EMT	
C825	PRIMARY BONDING BUSBAR (PBB)	SECONDARY BONDING BUSBAR...	(1) #0/2	1.0" EMT	
C826	JUNCTION BOX SP-1 (PASSENGER ELEVATOR SHAFT)	SUMP PUMP CONTROL PANEL	(12) #10, (1) #10G	1.0" EMT	WIRING TO BE AS INDICATED BY MANUFACTURER
C827	JUNCTION BOX SP-2 (FREIGHT ELEVATOR SHAFT)	SUMP PUMP CONTROL PANEL	(12) #10, (1) #10G	1.0" EMT	WIRING TO BE INDICATED BY MANUFACTURER
C828	JUNCTION BOX SP-3 (SUBSATION)	SUMP PUMP CONTROL PANEL	(12) #10, (1) #10G	1.0"	WIRING TO BE AS INDICATED BY MANUFACTURER
C829	SWGR D	EXISTING MH-D1	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING...
C830	SWGR D	EXISTING MH-D1	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOW...
C831	EXISTING MH-D1	EXISTING MH-4	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C832	EXISTING MH-D1	EXISTING MH-4	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C833	EXISTING MH-4	EXISTING MH-7	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOW...
C834	EXISTING MH-4	EXISTING MH-7	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C835	EXISTING MH-7	EXISTING MH-10	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C836	EXISTING MH-7	EXISTING MH-10	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C837	EXISTING MH-10	EXISTING MH-13	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C838	EXISTING MH-10	EXISTING MH-13	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C839	EXISTING MH-13	EXISTING MH-16	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOW...
C840	EXISTING MH-13	EXISTING MH-16	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE...

CONDUIT AND CABLE SCHEDULE

CONDUIT TAG	ROUTING		CONTENTS (CABLES/CONDUCTORS)	CONDUIT SIZE	REMARKS
	SOURCE	DESTINA...			
C841	EXISTING MH-16	EXISTING MH-19	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C842	EXISTING MH-16	EXISTING MH-19	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C843	EXISTING MH-19	EXISTING MH-19A	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C844	EXISTING MH-19	EXISTING MH-19A	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C845	EXISTING MH-19A	EXISTING MH-19B	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C846	EXISTING MH-19A	EXISTING MH-19B	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C847	EXISTING MH-19B	EXISTING MH-19C	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C848	EXISTING MH-19B	EXISTING MH-19C	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C849	EXISTING MH-19C	EXISTING MH-19D	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C850	EXISTING MH-19C	EXISTING MH-19D	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C851	SWGR B	EXISTING MH-P1	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C852	SWGR B	EXISTING MH-P1	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C853	EXISTING MH-P1	EXISTING MH-5	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C854	EXISTING MH-P1	EXISTING MH-5	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C855	EXISTING MH-5	EXISTING MH-8	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C856	EXISTING MH-5	EXISTING MH-8	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C857	EXISTING MH-8	EXISTING MH-11	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C858	EXISTING MH-8	EXISTING MH-11	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C859	EXISTING MH-11	EXISTING MH-14	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C860	EXISTING MH-11	EXISTING MH-14	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C861	EXISTING MH-14	EXISTING MH-17	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C862	EXISTING MH-14	EXISTING MH-17	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C863	EXISTING MH-17	EXISTING MH-20	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C864	EXISTING MH-17	EXISTING MH-20	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C865	EXISTING MH-20	EXISTING MH-20A	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C866	EXISTING MH-20	EXISTING MH-20A	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C867	EXISTING MH-20A	EXISTING MH-20B	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C868	EXISTING MH-20A	EXISTING MH-20B	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C869	EXISTING MH-20B	EXISTING MH-20C	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C870	EXISTING MH-20B	EXISTING MH-20C	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C871	EXISTING MH-20C	EXISTING MH-20D	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C872	EXISTING MH-20C	EXISTING MH-20D	(3) 15KV RATED #500 KCMIL	4.0" RNMC	CONCRETE ENCASED; CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-611
C873	EXISTING MH-39E	EXISTING MH-39G	48 STRAND OS2 IN (1) APPROPRIATELY SIZE CONTINOUS INNERDUCT A...	4.0"	CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-631 TO BUILDING 8.
C874	EXISTING MH-39G	EXISTING MH-39H	48 STRAND OS2 IN (1) APPROPRIATELY SIZE CONTINOUS INNERDUCT A...	4.0"	CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-631 TO BUILDING 8.
C875	EXISTING MH-39H	EXISTING MH-39I	48 STRAND OS2 IN (1) APPROPRIATELY SIZE CONTINOUS INNERDUCT AND (2) SPARE 1" INNERDUCTS	4.0"	CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-631 TO BUILDING 8.
C876	EXISTING MH-39H	EXISTING MH-39J	48 STRAND OS2 IN (1) APPROPRIATELY SIZE CONTINOUS INNERDUCT AND (2) SPARE 1" INNERDUCTS	4.0"	CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-631 TO BUILDING 8.
C877	EXISTING MH-39J	EXISTING MH-39K	48 STRAND OS2 IN (1) APPROPRIATELY SIZE CONTINOUS INNERDUCT AND (2) SPARE 1" INNERDUCTS	4.0"	CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-631 TO BUILDING 8.
C878	EXISTING MH-39K	EXISTING MH-161	48 STRAND OS2 IN (1) APPROPRIATELY SIZE CONTINOUS INNERDUCT AND (2) SPARE 1" INNERDUCTS	4.0"	CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-631 TO BUILDING 8.
C879	BUILDING 8	EXISTING MH-39E	48 STRAND OS2 IN A 3 CELL 3" MAXCELL FABRIC INNERDUCT	4.0"	CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-631 TO BUILDING 8.
C880	BUILDING 22	EXISTING MH-164	48 STRAND OS2 IN APPROPRIATELY SIZE CONTINOUS INNERDUCT	4.0"	CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-631 TO BUILDING 8.
C881	EXISTING MH-164	EXISTING MH-163	48 STRAND OS2 IN APPROPRIATELY SIZE CONTINOUS INNERDUCT	4.0"	CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-631 TO BUILDING 8.
C882	EXISTING MH-163	EXISTING MH-161	48 STRAND OS2 IN APPROPRIATELY SIZE CONTINOUS INNERDUCT	4.0"	CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-631 TO BUILDING 8.
C883	EXISTING MH-161	EXISTING MH-160	48 STRAND OS2 IN APPROPRIATELY SIZE CONTINOUS INNERDUCT	4.0"	CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-631 TO BUILDING 8.
C884	EXISTING MH-160	EXISTING MH-108	48 STRAND OS2 IN APPROPRIATELY SIZE CONTINOUS INNERDUCT	4.0"	CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-631 TO BUILDING 8.
C885	EXISTING MH-108	EXISTING MH-109	48 STRAND OS2 IN APPROPRIATELY SIZE CONTINOUS INNERDUCT	4.0"	CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-631 TO BUILDING 8.
C886	EXISTING MH-109	EXISTING MH-110	48 STRAND OS2 IN APPROPRIATELY SIZE CONTINOUS INNERDUCT	4.0"	CONTINUE CABLING THROUGH EXISTING CONDUITS AND MANHOLES AS SHOWN ON E-631 TO BUILDING 8.

CONDUIT AND CABLE SCHEDULE

CONDUIT TAG	ROUTING		CONTENTS (CABLES/CONDUCTORS)	CONDUIT SIZE	REMARKS
	SOURCE	DESTINATION			
CS01	HH-9	P1(2)	(2) #10, (2) #8, (2) #10G	1.0"	
CS02	P1(2)	P1(1)	(2) #10, (2) #8, (2) #10G	1.0"	
CS03	P1(1)	P1(3)	(2) #10, (2) #8, (2) #10G	1.0"	
CS04	P1(3)	P3(1)	(2) #10, (2) #8, (2) #10G	1.0"	
CS05	P3(1)	P3(2)	(2) #10, (2) #8, (2) #10G	1.0"	
CS06	P3(2)	P3(3)	(2) #10, (2) #8, (2) #10G	1.0"	
CS07	HH-9	B1(11)	(2) #10, (2) #8, (2) #10G	2.0"	
CS08	P5(3)	B1(1)	(2) #10, (2) #8, (2) #10G	1.0"	
CS09	B1(1)	B1(2)	(2) #10, (2) #8, (2) #10G	1.0"	
CS10	B1(2)	B1(3)	(2) #10, (2) #8, (2) #10G	1.0"	
CS11	B1(3)	B1(4)	(2) #10, (2) #8, (2) #10G	1.0"	
CS12	B1(4)	B1(5)	(2) #10, (2) #8, (2) #10G	1.0"	
CS13	B1(5)	B1(6)	(2) #10, (2) #8, (2) #10G	1.0"	
CS14	B1(6)	B1(7)	(2) #10, (2) #8, (2) #10G	1.0"	
CS15	B1(7)	B1(8)	(2) #10, (2) #8, (2) #10G	1.0"	
CS16	B1(8)	B1(9)	(2) #10, (2) #8, (2) #10G	1.0"	
CS17	B1(9)	B1(10)	(2) #10, (2) #8, (2) #10G	1.0"	
CS18	ECU	RM I.T. 133	6 STRAND OS4 CABLE	2.0"	CONCRETE ENCASED; WITH APPROPRIATELY SIZED INNER DUCT.
CS19	ECU	EV-2	EMPTY CONDUIT WITH PULL STRING	2.0"	
CS20	ECU	EV-1	EMPTY CONDUIT WITH PULL STRING	2.0"	
CS21	HH-5	EV-2	(2) #8, (1) #10G	2.0"	
CS22	HH-5	EV-1	(2) #8, (1) #10G	2.0"	
CS23	HH-5	ECU	(2) #10, (1) #10G	1.0"	
CS24	ECU	HH-6	EMPTY CONDUIT WITH PULL STRING	2.0"	
CS26	P5(4)	P5(1)	(2) #10, (2) #8, (2) #10G	1.0"	
CS27	P5(3)	P5(2)	(2) #10, (2) #8, (2) #10G	1.0"	
CS28	P5(2)	P5(1)	(2) #10, (2) #8, (2) #10G	1.0"	
CS29	P5(4)	P5(5)	(2) #10, (2) #8, (2) #10G	1.0"	
CS30	P5(5)	P5(6)	(2) #10, (2) #8, (2) #10G	1.0"	
CS31	EVHVP	P2(1)	(2) #10, (2) #8, (2) #10G	1.0"	
CS32	P2(1)	P2(2)	(2) #10, (2) #8, (2) #10G	1.0"	
CS33	P2(2)	P2(3)	(2) #10, (2) #8, (2) #10G	1.0"	
CS34	P2(3)	P4(1)	(2) #10, (2) #8, (2) #10G	1.0"	
CS35	P4(1)	P4(2)	(2) #10, (2) #8, (2) #10G	1.0"	
CS36	EVLVP	HH-9	(2) #10, (2) #8, (2) #10G	1.0"	
CS37	EVHVP	HH-9	(2) #10, (2) #8, (2) #10G	1.0"	
CS39	HH-11	HH-5	EMPTY CONDUIT WITH PULL STRING	2.0"	
CS40	HH-11	HH-5	(6) #8, (3) #10G	2.0"	
CS41	HH-9	HH-7	(2) #10, (2) #8, (2) #10G	1.0"	
CS42	HH-9	HH-7	EMPTY CONDUIT WITH PULL STRING	2.0"	
CS43	HH-7	P11(1)	(2) #10, (2) #8, (2) #10G	1.0"	
CS44	P11(1)	P12(1)	(2) #10, (2) #8, (2) #10G	1.0"	
CS45	P11(2)	P11(3)	(2) #10, (2) #8, (2) #10G	1.0"	
CS46	P11(3)	P12(3)	(2) #10, (2) #8, (2) #10G	1.0"	
CS47	P11(4)	P11(5)	(2) #10, (2) #8, (2) #10G	1.0"	
CS48	P11(5)	P12(5)	(2) #10, (2) #8, (2) #10G	1.0"	
CS49	P12(4)	P11(4)	(2) #10, (2) #8, (2) #10G	1.0"	
CS50	HH-4	P12(4)	(2) #10, (2) #8, (2) #10G	1.0"	
CS51	P12(2)	P11(2)	(2) #10, (2) #8, (2) #10G	1.0"	
CS52	P12(1)	P12(2)	(2) #10, (2) #8, (2) #10G	1.0"	
CS53	HH-11	HH-8	(2) #10, (2) #8, (2) #10G	1.0"	
CS54	EVLVP	HH-10	EMPTY CONDUIT WITH PULL STRING	2.0"	
CS55	EVLVP	HH-11	(6) #8, (3) #10G	2.0"	
CS56	HH-11	HH-8	EMPTY CONDUIT WITH PULL STRING	2.0"	
CS57	P5(6)	B1(13)	(2) #10, (2) #8, (2) #10G	1.0"	
CS58	B1(13)	B1(12)	(2) #10, (2) #8, (2) #10G	1.0"	
CS59	B1(12)	B1(11)	(2) #10, (2) #8, (2) #10G	1.0"	
CS60	EVHVP	T-TYPE CONDULET(1)	(2) #10, (1) #10G	1.0"	
CS61	EVLVP	T-TYPE CONDULET(1)	(2) #8, (1) #10G	1.0"	
CS62	X-TYPE CONDULET(1)	T-TYPE CONDULET(2)	(2) #10, (2) #8, (2) #10G	1.0"	
CS63	T-TYPE CONDULET(2)	S1(1)	(2) #10, (1) #10G	1.0"	
CS64	T-TYPE CONDULET(2)	T-TYPE CONDULET(3)	(2) #10, (2) #8, (2) #10G	1.0"	
CS65	T-TYPE CONDULET(3)	RECEPTACLE	(2) #10, (2) #8, (2) #10G	1.0"	
CS66	RECEPTACLE	S1(2)	(2) #10, (1) #10G	1.0"	
CS67	T-TYPE CONDULET(3)	T-TYPE CONDULET(4)	(2) #10, (2) #8, (2) #10G	1.0"	
CS68	TEMPORARY SUBSTATION	MH19D-1	(3) 350KCMIL (1) #2G	3.0"	
CS69	TEMPORARY SUBSTATION	MH20D-1	(3) 350KCMIL (1) #2G	3.0"	
CS70	T-TYPE CONDULET(4)	S1(3)	(2) #10, (1) #10G	1.0"	
CS71	T-TYPE CONDULET(4)	T-TYPE CONDULET(5)	(2) #10, (2) #8, (2) #10G	1.0"	
CS72	T-TYPE CONDULET(5)	S1(4)	(2) #10, (1) #10G	1.0"	
CS73	T-TYPE CONDULET(5)	T-TYPE CONDULET(6)	(2) #10, (2) #8, (2) #10G	1.0"	
CS74	T-TYPE CONDULET(6)	RECEPTACLE	(2) #10, (2) #8, (2) #10G	1.0"	
CS75	RECEPTACLE	S1(5)	(2) #10, (1) #10G	1.0"	
CS76	T-TYPE CONDULET(6)	T-TYPE CONDULET(7)	(2) #10, (2) #8, (2) #10G	1.0"	
CS77	T-TYPE CONDULET(7)	S1(6)	(2) #10, (1) #10G	1.0"	
CS78	T-TYPE CONDULET(7)	T-TYPE CONDULET(8)	(2) #10, (2) #8, (2) #10G	1.0"	
CS79	T-TYPE CONDULET(8)	S1(7)	(2) #10, (1) #10G	1.0"	
CS80	T-TYPE CONDULET(8)	T-TYPE CONDULET(9)	(2) #10, (2) #8, (2) #10G	1.0"	
CS81	T-TYPE CONDULET(9)	RECEPTACLE	(2) #10, (2) #8, (2) #10G	1.0"	
CS82	RECEPTACLE	S1(8)	(2) #10, (1) #10G	1.0"	
CS83	T-TYPE CONDULET(9)	LR-TYPE CONDULET(1)	(2) #10, (2) #8, (2) #10G	1.0"	
CS84	T-TYPE CONDULET(10)	S1(9)	(2) #10, (1) #10G	1.0"	
CS85	X-TYPE CONDULET(1)	S1(10)	(2) #10, (1) #10G	1.0"	
CS86	S1(10)	S1(11)	(2) #10, (1) #10G	1.0"	
CS87	S1(11)	S1(12)	(2) #10, (1) #10G	1.0"	
CS88	S1(12)	S1(13)	(2) #10, (1) #10G	1.0"	
CS89	T-TYPE CONDULET(10)	RECEPTACLE	(2) #10, (2) #8, (2) #10G	1.0"	
CS90	RECEPTACLE	SUBSTATION LIGHT...	(2) #10, (1) #10G	1.0"	
CS91	TEMPORARY SUBSTATION	HH-4	(2) #10, (2) #8, (2) #10G	1.0"	

CONDUIT AND CABLE SCHEDULE

CONDUIT TAG	ROUTING		CONTENTS (CABLES/CONDUCTORS)	CONDUIT SIZE	REMARKS
	SOURCE	DESTINA...			
C887	VALVE BOX CONTROLLER	VALVE BOX	(2) #12, (1) #12G	1.0"	CONCRETE ENCASED
C888	FB1(104)	FB1(104)	(2) #12, (1) #12G	1.0"	CONCRETE ENCASED
C889	FB1(104)	FB1(104)	(2) #12, (1) #12G	1.0"	CONCRETE ENCASED
C890	FB1(104)	FB1(104)	(2) #12, (1) #12G	1.0"	CONCRETE ENCASED
C891	FB1(104)	FB1(104)	(2) #12, (1) #12G	1.0"	CONCRETE ENCASED
C892	FB1(104)	FB1(104)	(2) #12, (1) #12G	1.0"	CONCRETE ENCASED
C893	FB1(104)	FB1(104)	(2) #12, (1) #12G	1.0"	CONCRETE ENCASED
C894	SIIE-15(a)	SIIE-15(b)	(2) #12 THWN, (1) #12G	1.0"	

1

NEW YORK STATE | Office of General Services

CONSULTANT:

CERTIFICATE OF AUTHORIZATION #: 021745

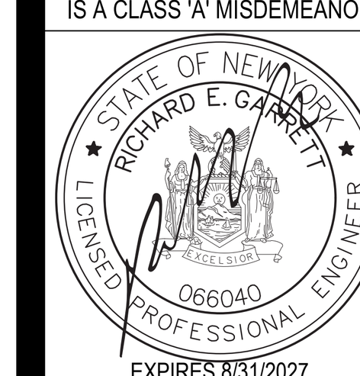
CHA

UNIFORM CODE STATEMENT:
TO THE BEST OF REGISTERED DESIGN PROFESSIONAL'S KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 UNIFORM CODE.

ENERGY CODE WRITTEN STATEMENT:
TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THE DRAWINGS BEARING MY PROFESSIONAL SEAL AND SIGNATURE MEET OR EXCEED THE 2020 NEW YORK STATE ENERGY CODE CONSISTING OF THE 2018 INTERNATIONAL ENERGY CONSERVATION CODE, 2016 ASHRAE 90.1.

WARNING:

THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS 'A' MISDEMEANOR.



EXPIRES 8/31/2027

CONTRACT: CONSTRUCTION

TITLE: Provide Testing Laboratory, Building 14

LOCATION: DOT Region 1, Albany County State Office Building Campus Albany, NY

CLIENT: New York State Department of Transportation

MARK	DATE	DESCRIPTION
1	03/09/26	ADDENDUM 1
	01/13/26	BID DOCUMENT

PROJECT NUMBER: 47528-C

DESIGNED BY: APM

DRAWN BY: APM

FIELD CHECK:

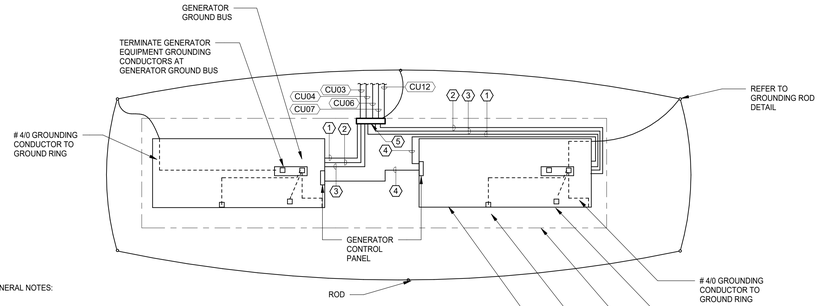
APPROVED:

SHEET TITLE: ELECTRICAL CONDUIT SCHEDULE

DRAWING NUMBER: E-650

SHEET: OF

Autodesk Docs://47528 DOT Lab Building/082990-DOTLAB-ELEC23.rvt
3/9/2026 2:25:07 PM
42x30 PLOT SHEET



GENERAL NOTES:

A. CONNECT NEUTRAL TO GROUND AT EACH GENERATOR.

B. NOTES ARE TYPICAL FOR ALL GENERATORS.

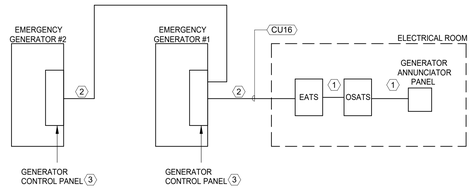
C. FOR SINGLE-LINE DIAGRAM SEE SHEET E-613.

KEYED NOTES: (#)

1. DISTRIBUTION CONDUIT(S) AS SHOWN ON SINGLE-LINE DIAGRAM TO GDP.
2. TO GENERATOR POWER PANEL FROM GLP.
3. TO EMERGENCY GENERATOR STOP SWITCH.
4. GENERATOR CONTROLS TO GENERATOR CONTROL PANEL.
5. FOR ELEVATION SEE DETAIL 3 ON SHEET E-710.

1 GENERATOR GROUND AND CONDUIT DETAIL

NOT TO SCALE



KEYED NOTES: (#)

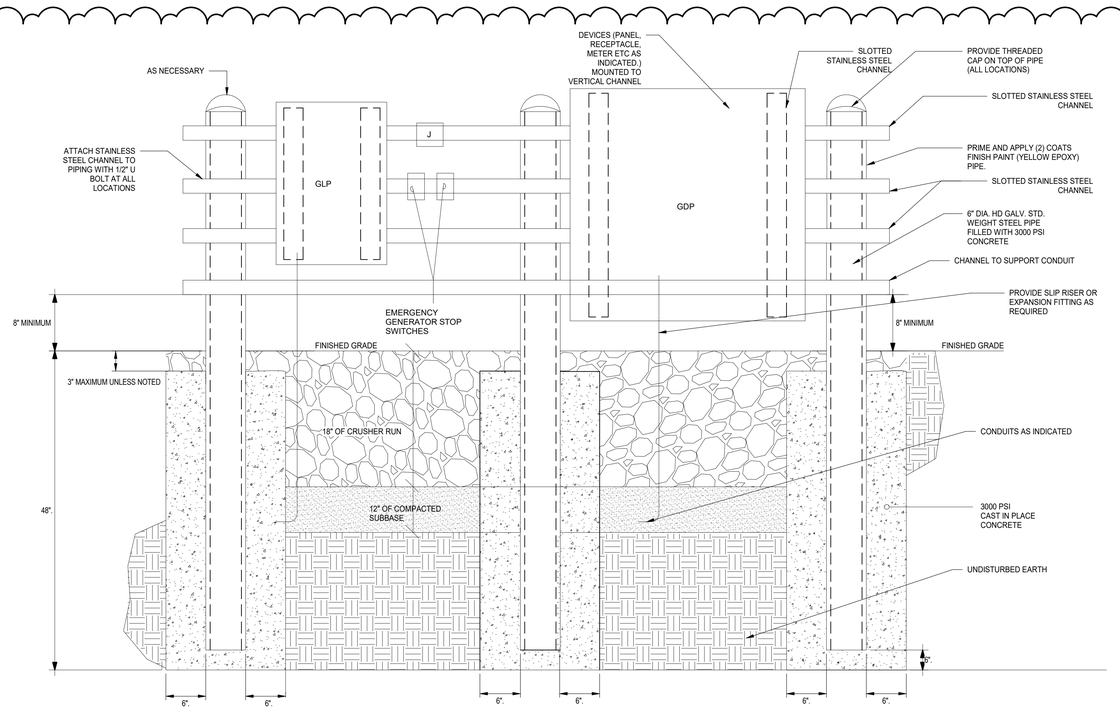
1. 1" CONDUIT WITH (2) BELDEN 9841 - RS9841 - RS485 COMPLIANT SINGLE PAIR 24 GAUGE (7x32) SHIELDED TWISTED PAIR CABLE. (2) #10 GAUGE FOR DC POWER & (2) #12 FOR START CIRCUIT.
2. 2" CONDUIT WITH (2) BELDEN 9841 - RS9841 - RS485 COMPLIANT SINGLE PAIR 24 GAUGE (7x32) SHIELDED TWISTED PAIR CABLE. (2)#6 & (1)#10G CONDUCTORS IN CONDUIT FOR DC POWER, (2) #12 FOR START CIRCUIT & (2) #12 STATUS CIRCUIT.
3. GENERATOR CONTROL PANEL TO BE MOUNTED IN GENERATOR ENCLOSURE.

SEQUENCE OF OPERATION:

1. GENERATOR CONTROL WILL BE INHERENT AND INTERNAL TO GENERATOR ENCLOSURES WITH INTERCONNECTING AS SHOWN.
2. GENERATORS WILL BE STARTED SUCCESSIVELY WITH ONLY ONE GENERATOR STARTING AT A TIME. THE FIRST GENERATOR STARTED WILL BE ABLE TO BE ON LINE WITHIN 10 SECONDS.
3. THE EATS WILL ALLOW THE EMERGENCY POWER TO BE OPERATIONAL AS SOON AS THE FIRST GENERATOR IS ON LINE.
4. OSATS WILL BE OPEN DELAYED TRANSITION STYLE AND WILL NOT MOVE TO GENERATOR BACKUP POSITION UNTIL THE SECOND GENERATOR IS OPERATIONAL.
5. PROVIDE 1" CONDUIT WITH (8) #12 CONDUCTORS FROM EACH ELEVATOR CONTROLLER TO EATS. CONDUCTORS WILL ALLOW INTERFACE FROM ATS TO ELEVATOR CONTROLLER. COORDINATE SIGNAL OPERATION WITH ELEVATOR MANUFACTURER.

2 GENERATOR ANNUNCIATOR AND CONTROL WIRING DETAIL

NOT TO SCALE



GENERAL NOTES:

A. COORDINATE LOCATION & SIZE WITH ARCHITECTURAL, EQUIPMENT & SITE PLAN.

B. GROUND ALL METAL PANELS AND STRUCTURE TO GROUND RING.

3 ELECTRICAL EQUIPMENT STRUCTURE DETAIL - GENERATOR

NOT TO SCALE

Office of General Services

CONSULTANT:

CERTIFICATE OF AUTHORIZATION #: 021745

CHA

UNIFORM CODE STATEMENT:
TO THE BEST OF REGISTERED DESIGN PROFESSIONAL'S KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 UNIFORM CODE.

ENERGY CODE WRITTEN STATEMENT:
TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THE DRAWINGS BEARING MY PROFESSIONAL SEAL AND SIGNATURE MEET OR EXCEED THE 2020 NEW YORK STATE ENERGY CODE CONSISTING OF THE 2018 INTERNATIONAL ENERGY CONSERVATION CODE, 2016 ASHRAE 90.1.

WARNING:

THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS 'A' MISDEMEANOR.

STATE OF NEW YORK · RICHARD E. CANNATT · 066045 · LICENSED PROFESSIONAL ENGINEER

EXPIRES 8/31/2027

CONTRACT: CONSTRUCTION

TITLE: Provide Testing Laboratory, Building 14

LOCATION: DOT Region 1, Albany County
State Office Building Campus
Albany, NY

CLIENT: New York State Department of Transportation

MARK	DATE	DESCRIPTION
1	03/09/26	ADDENDUM 1
	01/13/26	BID DOCUMENT

PROJECT NUMBER: 47528-C

DESIGNED BY: APM

DRAWN BY: APM

FIELD CHECK:

APPROVED:

SHEET TITLE: ELECTRICAL GENERATOR DETAIL

DRAWING NUMBER: E-710

SHEET: OF

Autodesk Docs://47528 DOT Lab Building/082990-DOTLAB-ELEC23.rvt
3/11/2026 3:31:02 PM
42x30 PLOT SHEET