



Dutchess County Department of Public Works
626 Dutchess Turnpike
Poughkeepsie, NY 12603
Email: dpwcontracts@dutchessny.gov

OAKLEY STREET HOUSING SUPPORT CENTER

RFB-DCB-01-26

ADDENDUM # 1

To: ALL PROSPECTIVE BIDDERS

FROM: Dutchess County Department of Public Works

Date: February 17, 2026

Re: **Update to Construction milestone dates; Update to Insurance Requirements; Questions and Answers; updated bid form; updated technical specifications**

The purpose of this addendum is to notify all prospective bidders of the following:

The anticipated start of construction is June 15, 2026 and the anticipated substantial completion date is August 17, 2027.

Also, for contractors or subcontractors performing work involving the abatement of hazardous materials, the following provisions shall replace Section V of the insurance requirements:

V) Pollution/Asbestos Liability Insurance

- a. in the sum of \$1,000,000 per occurrence and \$2,000,000 in the aggregate.
 - b. This insurance shall include coverage for the following activities, including but not limited to: removal, replacement, enclosure, encapsulation and/or disposal of Asbestos, or any other hazardous materials, along with any related pollution events, including coverage for third party liability claims for bodily injury, property damage and cleanup costs.
 - c. If a retroactive date is used, it must pre-date the inception of the Contract.
 - d. If motor vehicles are to be used for transporting hazardous materials, the Contractor shall provide Pollution Liability Broadened Coverage (ISO Endorsement CA 9948), as well as the MCS-90 endorsement. The owner and all other parties as required by contract shall be listed as additional insureds.
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Below are answers to questions we have received, followed by an updated Bid Form (00300) and updated technical specifications (various sections):

Q1: The milestone schedule in the 01 11 00 (page 43) appears to be draft with several of the finish dates left as ??/??/??
o When will these dates be finalized?

A1: Revised Milestone Schedule to be included in Addendum #1.

Q2: Regarding allowances, it may be beneficial to consider an allowance for paving activities. There are repair and resurfacing scope called out in the documents. Considering the possible impacts to existing paving throughout construction activities, DASNY envisions additional paving scope during the project.

A2: Ownership / Construction Manager does not see the need to include additional allowances for paving activities.

Q3: In section 08 7100-15 Door Hardware, there are several finish types listed (626, 630, 689) across the various components (lockset, hinge, wall stop, closers...). DASNY typically sees these come through as one finish across the hardware set.
o Please confirm the design intent.

A3: The miscellaneous door components and accessories will be coordinated to maintain finish selection throughout the project / building.

Q4: S-301 rails are not shown in the elevator shaft.
o DASNY would like the designer to confirm that the masonry shaft is sized properly to accommodate the elevator cab and equipment design intent.

A4: The shaft is confirmed to properly accommodate the elevator cab, and other structural components (rails, hositbeam, etc...) per manufacturer's recommended sizing based on the basis-of-design selection (OTIS).

Q5: Please confirm that the serving kitchen is appropriately sized for the population size. On the first floor, there are 35 males and 20 female beds and the second floor has 16 male beds with an additional 15 beds if the Dormitory/Day Room is converted to the Sleeping Room set up. The kitchen may appear small for the potential of full capacity.

A5: Answer: In order to ensure the health, safety, and orderly operation of emergency shelter facilities meal services will be provided on a staggered schedule rather than concurrently to all residents. Staggering meals will reduce overcrowding, maintain safe occupant loads in the dining and common areas, and allow for appropriate supervision and sanitation between meal periods. This approach will enhance emergency egress access, minimize congestion in corridors and shared spaces and

support compliance with fire safety, building code, and public health standards. Meal times are listed below:

- **Breakfast: 7:30am – 9:10am(40-minute intervals/ dining area closes at 9:30 am)**
- **Lunch: 11:30pm – 1:10 pm (40 minutes intervals/dining area closes at 1:30 pm)**
- **Dinner: 5pm-6:30pm (40-minute intervals/dining area closes at 7pm)**

Mealtimes and schedule are subject to change based on the population , and census level.

Q6: Please confirm if the project has been permitted or is permitting called out in the scheduling for the contractor for various entities (construction, road cuts, etc.)?

A6: General Construction Permit will be secured by Owner, but all sub-contractor & City of Poughkeepsie required permits will be filed by the General Work Contractor.

Q7: Spec Sections 230130.51 and 233113-3.8 call for Duct Cleaning. Is this necessary if the ends of the ductwork are sealed with plastic during fabrication until installation?

A7: Answer: All existing ductwork to be re-used shall be mechanically cleaned per New Construction General Note #1 on H-101, H-102, & H-103. Duct cleaning is not required for new ductwork as long as new ductwork is sealed at the ends with plastic during fabrication until installation as described.

Q8: It is believed that there are enough bathroom fixtures per code scheduled in the project. However, there are some considerations that the end users will need to consider when in program. The only male handicapped shower is located on the second floor. There is an elevator, but placement of individuals will need to be strongly considered when in use.

A8: Noted.

Q9: Spec Section 233113-2.5.C requires anti-microbial coating on the ductwork. This will increase the cost of the ductwork substantially. Is the anti-microbial coating necessary?

A9: Answer: Anti-microbial coating is not required. Delete anti-microbial coating requirements from spec section 233113-2.5C.

REPLACE

00300 – Bid Form

SECTION 00300 - BID FORM for Single prime General Construction (GC) Contract-1

FOR: Oakley Street Housing Support Center

OWNER: Dutchess County

MAIL BIDS TO: Department of Public Works
626 Dutchess Turnpike
Poughkeepsie, New York 12603

FROM

Name of Bidder

Bid Opening
Date

Street

City, State, Zip Code

Telephone

Fax No.

Email

1. The undersigned BIDDER proposes and agrees, if this Bid is accepted, to enter into an Agreement with the OWNER in the form included in the Contract Documents to perform and furnish all Work as specified or indicated in the Contract Documents for the Contract Price and within the Contract Time indicated in this Bid and in accordance with the other terms and conditions of the Contract Documents.
2. BIDDER accepts all of the terms and conditions of the Notice to Bidders, Invitation to Bid and Instructions to Bidders, including without limitation those dealing with the disposition of Bid Security. This Bid will remain subject to acceptance for one hundred twenty (120) days after the day of Bid opening. Award of contract will be made by the Owner to the lowest responsible Bidder meeting the requirements of the Owner and will be made within one hundred twenty (120) days after the opening of the bids. When award is made, the successful Bidder's collateral only, will be retained until the executed agreement, executed performance and labor and material payment bonds and acceptable Certificate of Insurance have been delivered. Should the award be delayed more than one hundred twenty (120) days after the opening of the bid, all Bidders' collateral shall be returned, unless such delay is from causes beyond the control of the Owner. BIDDER will sign and submit the Agreement in accordance with Instruction to Bidders.
3. In submitting this Bid, BIDDER represents, as more fully set forth in the Agreement, that:
 - A. BIDDER has examined copies of all the Bidding Documents and the following addenda (receipt of which is hereby acknowledged):

Addendum No.	Date
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

- B. BIDDER has familiarized itself with the nature and extent of the Contract Documents, Work, site, locality, and all local conditions and Laws and Regulations that in any manner may affect cost, progress, performance or furnishing of the Work.
- C. BIDDER has obtained and carefully studied (or assumes responsibility for obtaining and carefully studying) all such examinations, investigations, explorations, tests and studies which pertain to the physical conditions at the site, that affect the cost, schedule, performance or furnishing of the Work.
- D. BIDDER has correlated the results of all such observations, examinations, investigations, explorations, tests, reports and studies with the terms and conditions of the Contract Documents.
- E. BIDDER has given ARCHITECT/ENGINEER written notice of all conflicts, errors, omissions or discrepancies that it has discovered in the Contract Documents and the written resolution thereof by ARCHITECT/ENGINEER is acceptable to BIDDER.

4. BIDDER will complete the work for the following price(s). If there are multiple primes or multiple contracts, the Owner may accept Bids, separately or in any combination, at its sole discretion:

A. BASE BID:

The Work of Project is defined by the Contract Documents and consists of the following:

The conversion of existing building to a housing support center, work including selective demolition, reconstruction, alterations to electrical, plumbing, HVAC systems, and ADA/code compliance of existing building.

Pursuant to, and in compliance with the specifications herein described and including any Addenda issued by Dutchess County and mailed or delivered to the undersigned prior to the opening of Bids, whether received by the undersigned or not, we,

_____,
 Insert Company Name

hereby propose to furnish all labor, supplies, materials, and equipment for Single prime General Construction (GC) Contract-1 CONTRACTOR work as required by and in strict accord with the applicable provisions of the Drawings and Specifications entitled Oakley Street Housing Support Center:, to the satisfaction and approval of Dutchess County in accordance with the terms and conditions of the Contract Documents for the following sum:

_____ Dollars (\$ _____)

B. ALLOWANCE(S)

The following cash allowance is to be included in the Base Bid:

ALLOWANCE GC-00: **Contingency Allowance**

GC-00: Contractor shall include a contingency allowance of \$250,000.00 for use according to the Owner's Instructions.

ALLOWANCE GC-01: **VAT Floor Tile/Mastic Removal**

GC-01: in addition to the base bid demolition work identified on the drawing the Contractor shall include in their base bid an allowance of 100 sf for additional VAT floor tile/mastic removal, in accordance with the ACM report, drawings and specifications.

ALLOWANCE GC-02: **Abatement of 2'x2' Section of Joint Compound and Contaminated Gypsum Wall Board (GWB)**

GC-02: in addition to the base bid demolition work identified on the drawing the Contractor shall include in their base bid an allowance of 100 sf for additional VAT floor tile/mastic removal, in accordance with the ACM report, drawings and specifications.

ALLOWANCE GC-03: **Moisture Mitigation System**

GC-3: in addition to the base bid work identified on the drawings the Contractor shall include in their base bid an allowance of 1,000 sf for additional moisture mitigation system.

ALLOWANCE GC-04: **Rock Removal**

GC-04: in addition to the base bid work for site / civil work identified on the drawings the Contractor shall include in their base bid an allowance of 50 cubic yards of additional rock removal.

ALLOWANCE GC-05: **Replacement of Unsuitable Soils**

GC-05: in addition to the base bid work for site / civil identified on the drawings the Contractor shall include in their base bid an allowance of 500 cubic yards of additional soil replacement.

ALLOWANCE GC-06: **Replacement of Cat6 Tell/Comm Cable Above Ceiling**

GC-06: in addition to the base bid work identified on the drawings the Contractor shall include in their base bid an allowance of 1,000 linear foot of additional Cat6 / TellComm cabling above the ceiling.

C. ALTERNATES — Not Applicable

D. UNIT PRICES

UNIT PRICE GC-01 - **Abatement of VAT Floor Tile/Mastic**

- a. Description: Removal of VAT floor tile & mastic as indicated within the ACM report, drawings & specifications.
- b. Unit of Measurement: per square foot

- 1. Quantity allowance: Coordinate unit price with allowance adjustment requirements in Section -012100 "Allowances." The Unit Price total is:

_____ Dollars / per square foot (\$ _____/SF)

The base bid may be increased or decreased by Change Order based upon documented field conditions. The square foot unit price indicated above shall be utilized to adjust the contract sum. There shall be NO MINIMUM NOR MAXIMUM quantity to which this dollar value shall be applied.

UNIT PRICE GC-02 - **Abatement of 2'x2' section of Joint Compound and Contaminated Gypsum Wall Board (GWB)**

- a. Description: Removal of 2 foot by 2 foot section of contaminated gypsum wall board (GWB) for penetrations.
- b. Unit of Measurement: each

- 1. Quantity allowance: Coordinate unit price with allowance adjustment requirements in Section -012100 "Allowances." The Unit Price total is:

_____ Dollars / each (\$ _____/EA)

The base bid may be increased or decreased by Change Order based upon documented field conditions. The unit price indicated above shall be utilized to adjust the contract sum. There shall be NO MINIMUM NOR MAXIMUM quantity to which this dollar value shall be applied.

UNIT PRICE GC-03 - **Moisture Mitigation System**

- a. Description: Provide and install moisture mitigation system in addition to the Allowance quantity for any slab-on-grade areas
 - b. Unit of Measurement: per square foot
1. Quantity allowance: Coordinate unit price with allowance adjustment requirements in Section -012100 "Allowances." The Unit Price total is:

_____ Dollars / per square foot (\$ _____/SF)

The base bid may be increased or decreased by Change Order based upon documented field conditions. The square foot unit price indicated above shall be utilized to adjust the contract sum. There shall be NO MINIMUM NOR MAXIMUM quantity to which this dollar value shall be applied.

UNIT PRICE GC-04 - **Rock Removal**

- a. Description: Rock removal within site / civil scope
 - b. Unit of Measurement: per cubic yard
1. Quantity allowance: Coordinate unit price with allowance adjustment requirements in Section -012100 "Allowances." The Unit Price total is:

_____ Dollars / per cubic yard (\$ _____/CY)

The base bid may be increased or decreased by Change Order based upon documented field conditions. The cubic yard unit price indicated above shall be utilized to adjust the contract sum. There shall be NO MINIMUM NOR MAXIMUM quantity to which this dollar value shall be applied.

UNIT PRICE GC-05 - **Replacement of Unsuitable Soils**

- a. Description: Removal and replacement of unsuitable soils
 - b. Unit of Measurement: per cubic yard
1. Quantity allowance: Coordinate unit price with allowance adjustment requirements in Section -012100 "Allowances." The Unit Price total is:

_____ Dollars / per cubic yard (\$ _____/CY)

The base bid may be increased or decreased by Change Order based upon documented field conditions. The cubic yard unit price indicated above shall be utilized to adjust the contract sum. There shall be NO MINIMUM NOR MAXIMUM quantity to which this dollar value shall be applied.

UNIT PRICE GC-06 - **Cat6 Tell/Comm Cable Above Ceiling**

- a. Description: Provide and Install new Cat6 cabling above ceiling
 - b. Unit of Measurement: per linear foot
1. Quantity allowance: Coordinate unit price with allowance adjustment requirements in Section -012100 "Allowances." The Unit Price total is:

_____ Dollars / per linear foot (\$ _____ /LF)

The base bid may be increased or decreased by Change Order based upon documented field conditions. The linear foot unit price indicated above shall be utilized to adjust the contract sum. There shall be NO MINIMUM NOR MAXIMUM quantity to which this dollar value shall be applied.

5. BIDDER agrees to commence work immediately upon receipt of an executed Notice to Proceed.
6. BIDDER agrees that the Work will be complete in accordance with the Project Master Schedule attached to the Owner/Contractor Agreement.
7. **APPRENTICESHIP PROGRAM, CERTIFICATION AND COUNTY PROCUREMENT POLICY**
The bidder certifies, under penalty of perjury, that it has it has in place, or will have at the time of entering into a Contract, appropriate apprenticeship agreements registered with the NYS Department of Labor. The County requires proof of this program to be submitted with the bid.

The County of Dutchess requires that any contractor or subcontractor have, prior to entering into a contract for the process of building, renovating or demolishing a public building owned, operated and maintained by the County of Dutchess, with a value in excess of \$250,000.00, apprenticeship agreements appropriate for the type and scope of work to be performed and which have been registered with the NYS Department of Labor in accordance with Article 23 of the Labor L

1. NON-COLLUSION CERTIFICATION

As required by Section 103-d of the New York State General Municipal Law, the bidder certifies under the penalties of perjury that:

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

- a. The prices in this bid have been arrived at independently without collusion, consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor;
- b. Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder and will not knowingly be disclosed by the bidder prior to opening, directly or indirectly, to any other bidder or to any competitor;
- c. No attempt has been made or will be made by the bidder to induce any other person, partnership or corporation to submit or not to submit a bid for the purpose of restricting competition.

2. IRANIAN ENERGY SECTOR DIVESTMENT CERTIFICATION

As required by Section 103-g of New York State General Municipal Law, the bidder certifies under the penalties of perjury that:

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

CERTIFICATION SIGNATURE(S) FOR 1 AND 2:

Signed _____

By _____

Dated _____

Bid submitted by: Name: _____

Address: _____

Phone: _____

Fax #: _____

Email: _____

The undersigned Bidder further agrees to comply with all the requirements as to conditions of employment, wage rates and hours as set forth by statute.

If BIDDER is an INDIVIDUAL

By: _____
(signature)

(print or type individual's name, & title if applicable)

Doing Business As: _____

Business Address: _____

Phone No.: _____

Fax No.: _____

If BIDDER is a PARTNERSHIP

(print or type firm name)

By: _____
(signature of general partner)

(print or type partner's name & title)

Business Address: _____

Phone No.: _____

Fax No.: _____

If BIDDER is a CORPORATION

(print or type the Corporation's name)

(state of incorporation)

By:

(signature of president or vice-president, see Instructions to Bidders)

(print or type name & title) (Corporate Seal)

Attest (by corporate secretary or assistant secretary):

(signature)

(name & title)

Business Address:

Phone No.:

Fax No.:

If BIDDER is a JOINT VENTURE

(print or type firm name of joint venture)

(signature) (name & title)

Business Address:

Phone No.:

Email:

(signature) (name & title)

Business Address:

Phone No.:

Email:

(Each joint Venturer must sign. The manner of signing for each individual, partnership, and corporation that is a party to the joint venture should be in the manner indicated above.)

END OF SECTION 00300

Technical Specification: Change Summary

Specification Revisions

- REPLACE 00 01 10 – Table of Contents
- REPLACE 01 10 00.1 – Responsibility Matrix
- REPLACE 01 11 00 – Milestone Schedule
- REPLACE 01 21 00 – Allowances
- REPLACE 01 22 00 – Unit Prices
- REMOVE 01 35 53 – Security Procedures
- REMOVE 01 45 23 – Special Inspections and Structural Testing
- ADD 01 60 00 – Product Requirements
- REMOVE 01 61 16 – Volatile Organic Compound VOC Content Restrictions
- REMOVE 02 41 19.16 – Selective Interior Demolition
- REPLACE 28 26 00 – Emergency Call

Product Revisions – Equipment (Security Cameras)

- GC to include as basis-of-design:
 - Outdoor – Fisheye (Open Eye – OE-C9112F12)
- GC to include as basis-of-design:
 - Outdoor – Multisensor (Open Eye – OE-C9912M20)
- GC to include as basis-of-design:
 - Outdoor – Turret (Open Eye – OE-C3012T8-S)
- GC to include as basis-of-design:
 - Indoor – Micro Dome (Open Eye – OE-C1011D4-S)

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- REPLACE Sheet C-140 – Utility and Photometric Plan

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APPENDIX A – GEOTECHNICAL REPORT (DATED 12/24/2025)

APPENDIX B – ASBESTOS ABATEMENT LIMITED SURVEY FOR ACM, LBP AND PCBS (DATED 12/2/2022)

END OF SECTION 00 0110

REPLACE

01 10 00.1 – Responsibility Matrix

RESPONSIBILITY MATRIX

01 10 00.1 Appendix - Responsibility Matrix

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Note: For any items not specifically listed below, the Contractor responsible for the specification section shall provide the item																						
02 41 00	DEMOLITION																					
02 82 00	ASBESTOS ABATEMENT																					
02 83 00	LEAD SAFE WORK PRACTICES																					
02 41 19.16	SELECTIVE INTERIOR DEMOLITION																					
03 05 16	UNDERSLAB VAPOR BARRIER																					
03 30 01	CAST IN PLACE CONCRETE																					
03 53 00	CONCRETE TOPPING																					
04 01 20.63	BRICK MASONRY REPAIR																					
04 20 00	UNIT MASONRY																					
05 12 00	STRUCTURAL STEEL																					
05 31 00	STEEL DECKING																					
05 40 00	COLD-FORMED METAL FRAMING																					
05 50 00	METAL FABRICATIONS																					
05 51 00	METAL STAIRS																					
05 52 13	PIPE AND TUBE RAILINGS																					
06 10 00	ROUGH CARPENTRY																					
06 16 00	SHEATHING																					
06 40 13	EXTERIOR ARCHITECTURAL WOODWORK																					
06 40 23	INTERIOR ARCHITECTURAL WOODWORK AND FINISH CARPENTRY																					
06 41 00	ARCHITECTURAL WOOD CASEWORK																					
07 13 00	SHEET WATERPROOFING																					
07 21 00	THERMAL INSULATION																					
07 21 19	FOAMED-IN PLACE INSULATION																					
07 24 19	EXTERIOR INSULATION AND FINISH SYSTEM - EIFS																					
07 41 00	PREFORMED METAL STANDING SEAM ROOFING																					
07 42 43	TRESPA METEON PANEL SIDING																					
07 62 00	SHEET METAL FLASHING AND TRIM																					

ADDENDA MOFICATIONS IN RED

RESPONSIBILITY MATRIX

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07 72 00	ROOF ACCESSORIES																
07 84 00	FIRESTOPPING																
07 84 43	JOINT FIRESTOPPING																
07 92 00	JOINT SEALANTS																
07 92 19	ACOUSTICAL JOINT SEALANTS																
07 95 13	INTERIOR EXPANSION JOINT COVER ASSEMBLIES																
08 11 13	HOLLOW METAL DOORS AND FRAMES																
08 11 16	WIDE STYLE MONUMENTAL DOORS																
08 14 16	FLUSH WOOD DOORS																
08 31 00	ACCESS DOORS AND PANELS																
08 31 13	SECURITY ACCESS DOORS AND FRAMES																
08 36 00	OVERHEAD DOORS																
08 43 13	ALUMINUM-FRAMED STOREFRONTS																
08 51 13	ALUMINUM WINDOWS																
08 71 00	DOOR HARDWARE																
08 80 00	GLAZING																
08 88 53	SECURITY GLAZING																
09 01 90.52	MAINTENANCE REPAINTING																
09 21 16	GYPSUM BOARD ASSEMBLIES																
09 22 16	NON STRUCTURAL METAL FRAMING																
09 51 13	ACOUSTICAL PANEL CEILINGS																
09 65 00	RESILIENT FLOORING																
09 65 13	RESILIENT BASE AND ACCESSORIES																
09 67 00	RESINOUS FLOORING																
09 68 13	TILE CARPETING																
09 72 00	DECORATIVE FRP WALL PANELS																
09 91 13	EXTERIOR PAINTING																
09 91 23	INTERIOR PAINTING																
10 14 00	SIGNAGE																
10 21 13.19	PLASTIC TOILET COMPARTMENTS																
10 28 00	TOILET, BATH, AND LAUNDRY ACCESSORIES																

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RESPONSIBILITY MATRIX

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10 44 13	FIRE PROTECTION CABINETS																		
10 51 13	METAL LOCKERS																		
10 56 13	METAL STORAGE SHELVING																		
11 13 13	LOADING DOCK BUMPERS																		
12 24 00	WINDOW SHADES																		
12 36 00	COUNTERTOPS																		
12 48 13	ENTRANCE FLOOR MATS AND FRAMES																		
12 51 00	OFFICE FURNITURE																		
12 56 00	INSTITUTIONAL FURNITURE																		
14 21 00	ELECTRIC TRACTION ELEVATOR																		
21 05 00	COMMON WORK RESULTS FOR FIRE SUPPRESSION																		
21 05 17	SLEEVES AND SLEEVE SEALS FOR FIRE SUPPRESSION PIPING																		
21 05 18	ESCUTCHEONS FOR FIRE SUPPRESSION PIPING																		
21 11 00	FACILITY FIRE SUPPRESSION WATER SERVICE PIPING																		
21 13 13	WET PIPE SPRINKLER SYSTEMS																		
22 05 00	COMMON WORK RESULTS FOR PLUMBING																		
22 05 13	COMMON MOTOR REQUIREMENTS FOR PLUMBING EQUIPMENT																		
22 05 16	EXPANSION FITTINGS AND LOOPS FOR PLUMBING PIPING																		
22 05 17	SLEEVES AND SLEEVE SEALS FOR PLUMBING PIPING																		
22 05 18	ESCUTCHEONS FOR PLUMBING PIPING																		
22 05 19	METERS AND GAGES FOR PLUMBING PIPING																		
22 05 23	GENERAL-DUTY VALVES FOR PLUMBING PIPING																		
22 05 29	HANGERS AND SUPPORTS FOR PLUMBING PIPING AND EQUIPMENT																		
22 05 53	IDENTIFICATION FOR PLUMBING PIPING AND EQUIPMENT																		
22 07 19	PLUMBING PIPING INSULATION																		
22 11 16	DOMESTIC WATER PIPING																		
22 11 19	DOMESTIC WATER PIPING SPECIALTIES																		
22 11 23	DOMESTIC WATER PUMPS																		
22 13 16	SANITARY WASTE AND VENT PIPING																		

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22 13 19	SANITARY WASTE PIPING SPECIALTIES																	
22 14 13	FACILITY STORM DRAINAGE PIPING																	
22 14 23	STORM DRAINAGE PIPING SPECIALTIES																	
22 14 29	SUMP PUMPS																	
22 33 00	ELECTRIC, DOMESTIC WATER HEATERS																	
22 40 00	PLUMBING FIXTURES																	
22 47 00	DRINKING FOUNTAINS AND WATER COOLERS																	
23 01 30.51	HVAC AIR DISTRIBUTION SYSTEM CLEANING																	
23 05 00	COMMON WORK RESULTS FOR HVAC																	
23 05 13	COMMON MOTOR REQUIREMENTS FOR HVAC EQUIPMENT																	
23 05 53	IDENTIFICATION FOR HVAC PIPING AND EQUIPMENT																	
23 05 93	TESTING, ADJUSTING, AND BALANCING FOR HVAC																	
23 07 13	DUCT INSULATION																	
23 09 93	SEQUENCE OF OPERATIONS FOR HVAC CONTROLS																	
23 31 13	METAL DUCTS																	
23 33 00	AIR DUCT ACCESSORIES																	
23 37 13	DIFFUSERS, REGISTERS, AND GRILLES																	
23 62 00	PACKAGED COMPRESSOR AND CONDENSER UNITS																	
23 74 13	PACKAGED, OUTDOOR, CENTRAL-STATION-AIR-HANDLING UNITS																	
23 81 26	SPLIT-SYSTEM AIR-CONDITIONERS																	
23 82 39	UNIT HEATERS																	
26 05 00	COMMON WORK RESULTS FOR ELECTRICAL																	
26 05 05	SELECTIVE DEMOLITION FOR ELECTRICAL																	
26 05 19	LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES																	
26 05 23	CONTROL-VOLTAGE ELECTRICAL POWER CABLES																	
26 05 26	GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS																	
26 05 29	HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS																	
26 05 33	RACEWAY AND BOXES FOR ELECTRICAL SYSTEMS																	
26 05 53	IDENTIFICATION FOR ELECTRICAL SYSTEMS																	
26 05 73	OVERCURRENT PROTECTIVE DEVICE COORDINATION STUDY																	
26 09 23	LIGHTING CONTROL DEVICES																	
26 10 00	MEDIUM-VOLTAGE ELECTRICAL DISTRIBUTION																	

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RESPONSIBILITY MATRIX

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26 22 00	LOW-VOLTAGE TRANSFORMERS																
26 24 16	PANELBOARDS																
26 27 13	ELECTRICITY METERING																
26 27 26	WIRING DEVICES																
26 28 13	FUSES																
26 28 16	ENCLOSED SWITCHES AND CIRCUIT BREAKERS																
26 36 00	TRANSFER SWITCHES																
26 51 00	INTERIOR LIGHTING																
26 56 00	EXTERIOR LIGHTING																
27 05 00	COMMON WORK RESULTS FOR COMMUNICATIONS																
27 11 00	COMMON EQUIPMENT ROOM FITTINGS																
27 13 00	COMMUNICATIONS BACKBONE CABLING																
	Plywood Mounting Board (Painted)																
	Network Cabinet (Locations) (Wall or Floor)																
	Power Requirements																
	Cabling and Pathways																
	Connecting Cords (Patch Cords)																
	Patch Panels																
	Equipment Rack																
	Servers																
	Wireless Access Points																
	Phone System																
	Network Switches																
	UPS																
	Fiber Optic Internet Service Cable																
	Pathway for Internet Service Cable																
	Outlets																
27 15 00	COMMUNICATIONS HORIZONTAL CABLING																
28 05 00	COMMON WORK RESULTS FOR ELECTRONIC SAFETY AND SECURITY																
28 05 13	CONDUCTORS AND CABLES FOR ELECTRONIC SAFETY AND SECURITY																
28 13 00	ACCESS CONTROL																
	Plywood Mounting Board or Rack																

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		Power / Data requirements if any																
		Head End Equipment Cabinet (if needed)																
		Head End Equipment (panels, modules)																
		Devices (card readers, request to exit sensors, door contacts)																
		Cabling and Pathways																
		Programming / Training																
28 23 00	VIDEO SURVEILLANCE	(subject to change; County to verify configuration of budget per the Bond)																
		Plywood Mounting Board or Rack																
		Head End Equipment Cabinet (if needed)																
		Head End Equipment																
		Network switches and open ports																
		Cameras																
		Power / Data requirements if any																
		Cabling and Pathways																
		Programming / Training																
28 26 00	EMERGENCY CALL (PANIC BUTTONS)																	
		Plywood Mounting Board or Rack																
		Head End Equipment Cabinet (if needed)																
		Head End Equipment (dialer)																
		Panic Buttons																
		Power / Data requirements if any																
		Cabling and Pathways																
		Programming / Training																
28 31 11	DIGITAL ADDRESSABLE FIRE ALARM SYSTEM																	
31 05 19	GEOSYNTHETICS FOR EARTHWORK																	
31 22 00	GRADING																	
31 23 16.13	TRENCHING																	
31 25 00	EROSION AND SEDIMENTATION CONTROLS																	
32 05 19	GEOSYNTHETICS FOR EXTERIOR IMPROVEMENTS																	
32 11 20	SUBBASE AND AGGREGATE BASE COURSES																	
32 12 16	ASPHALT PAVING																	
32 16 23	SIDEWALKS																	

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32 17 10	PARKING BUMPERS AND MANUFACTURED TRAFFIC-CALMING DEVICES																
32 17 23	PAVEMENT MARKINGS																
31 17 26	TACTILE WARNING SURFACING																
32 31 19	DECORATIVE METAL FENCES AND GATES																
32 33 00	SITE FURNISHINGS																
32 33 13	SITE BICYCLE RACKS																
32 91 19	LANDSCAPE GRADING																
32 92 19	SEEDING																
32 93 00	PLANTS																
33 01 10.58	DISINFECTION OF WATER UTILITY PIPING SYSTEMS																
33 05 00	COMMON WORK RESULTS FOR UTILITIES																
33 11 00	WATER UTILITY DISTRIBUTION PIPING AND VALVES																
33 14 16	SITE WATER UTILITY DISTRIBUTION PIPING																
33 42 00	STORMWATER CONVEYANCE																

ADDENDA MODIFICATIONS IN RED

REPLACE

01 11 00 – Milestone Schedule

SECTION 011100 – MILESTONE SCHEDULE

PART 1 - GENERAL

1.1. MILESTONE

The following milestone schedule serves as basis for bidding. A Final Construction Schedule will be developed by the General Contractor within 15 days of Letter of Intent to Award the Contracts. Contractor will coordinate activities, forward submittals, deliver materials and provide the necessary workforce to meet the milestones listed below.

1.2. MILESTONE SCHEDULE

Dutchess County Transitional Housing Support Center	Start	Finish
• Mobilization, Staging & Protections (see plan included in 015000)	6/15/26	07/03/26
• Addition: Masonry, Decking and Roofing to make Watertight. (Drape building with reinforced poly)	---	09/25/26
• Temporary Heat	10/19/26	03/4/27
• Substantial Completion	---	08/17/27
• Building Commissioning and Agency Approvals	---	09/27/27
<u>CLOSEOUT</u>		
• Contractor Closeout (review specifications) 30 days past substantial completion	---	09/14/27

1. All Work required by any of the Owner’s representatives and consultants, including the Construction Manager, Architect, Architect’s consultants, Owner’s Attorneys, etc., to execute final the contract beyond Milestone dates, or to execute final closeout after 30 days past substantial completion, if determined to be caused by Contractor, shall result in payment(s) to the Owner for additional services to the Construction Manager, Architect, Architect’s consultants, Owner’s Attorneys, etc. These costs will then be issued in the form of a Deduct Change Order to the Contractor’s contract at the Owner consultant’s contractual rate.
2. Due to space limitations at the jobsite, Contractor is specifically notified that jobsite material lay-down areas will need to be relocated as necessary. All contractors are required to comply with Construction Managers direction and sequencing.
3. Any additional costs incurred by the owner's representatives, including the Construction Manager, Architect, Owner’s staff, Owner’s consultants and any related costs, due to schedule overruns beyond the milestone dates, if determined to be the contractor's responsibility, will result in a deduct change order at the contractual rate established by the Owner or their representatives.

4. The objective of this project is to complete the overall work in the shortest period of time. Thus, if access is provided to a work area sooner than originally scheduled, each contractor will likewise mobilize their forces earlier to maintain the reduction in overall schedule time.
5. Contractor is advised that “Time is of the essence” as per the General Conditions of the contract and they will work with multiple crews of sufficient size as necessary to carry out the work with the utmost speed with good workmanship. If the contractor fails to expedite and pursue any part of the work, the Owner may order the contractor to take “Extraordinary Measures”, or hire others to complete the work and adjust their contract amount accordingly as per the General Conditions.
6. Contractor is specifically notified that they must properly staff the project with a competent field superintendent and a sufficient supply of workers to maintain progress and flow of the work as required by the schedule, and to coordinate/install in a timely manner to facilitate the work of other trades.
7. Contractor is hereby informed that construction will proceed in phases, requiring temporary disconnection, reconnection, and maintenance of utilities and services as needed. It is imperative to ensure uninterrupted use of essential services (such as mechanical, electrical, fire alarm, and public address systems) to all occupied areas throughout the project

PART 2 - PRODUCTS (Not Applicable)

PART 3 - EXECUTION (Not Applicable)

END OF SECTION 011100

REPLACE

01 21 00 – Allowances

**SECTION 012100
ALLOWANCES**

PART 1 – GENERAL

1.1. RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this section.

1.2. SUMMARY

- A. This section includes administrative and procedural requirements governing allowances.
- B. Selected materials and equipment are specified in the Contract Documents by allowances. In some cases, these allowances include installation. Allowances have been established in lieu of additional requirements to defer selection of actual materials and equipment to a later date when additional information is available for evaluation. If necessary, additional requirements will be issued by Change Order.
- C. Type of allowances include the following:
 - 1. Contingency Allowance
 - 2. Material Quantity Allowance
- D. Related Sections: The following Section contain requirement that relate to this Section:
 - 1. Division 1 Section “Modification Procedures” specifies procedures governing the use of allowances for inspection and testing.
 - 2. Division 1 Section “Quality Control Services” specifies procedures governing the use of allowance for inspection and testing.

1.3. SELECTION AND PURCHASE

- A. At the earliest practical date after award of the Contract, advise the Architect of the date when the final selection and purchase of each product or system described by an allowance must be completed to avoid delaying the work.
- B. At the Architect’s request, obtain proposals for each allowance for use in making final selections. Include recommendations that are relevant to performing the work.
- C. Purchase products and systems selected by the Architect from the designated supplier.

1.4. SUBMITTALS

- A. Submit proposals for purchase of products or systems included in allowances, in the form specified for Change Orders.
- B. Submit invoices or delivery slips to show the actual quantities of material delivered to the site for use in fulfillment to each allowance.

1.5. CONTINGENCY AND UNIT PRICE ALLOWANCES

- A. Use of allowances are only as directed for the Owner’s purposes and only by Change Orders that indicate amounts to be charged to the allowance.
- B. The Contractor’s overhead and profit, including costs for bonds and insurance, delivery, equipment rental, supervision and similar costs, for these allowances shall be included in the values of the general requirements of contract sum and are not chargeable under allowance disbursement.
- C. All Unit Price allowances shall be coordinated with the bid Unit Price for the same material and shall reflect the unit price provided with the total quantity allowed
- D. At project substantial completion, any allowance quantities not utilized or below the amount identified will be credited as a deduct change order at the bid unit price

1.6. UNUSED MATERIAL

- A. Return unused materials to the manufacturer or supplier for credit to the Owner, after installation has been completed and accepted.
- B. When requested by the Architect, prepare unused material for storage by Owner where it is not economically practical to return the material for credit. When directed by the Architect, deliver unused material to the Owner's storage space. Otherwise, disposal of unused material is the Contractor's responsibility.

PART 2- PRODUCTS (NOT USED)

PART 3 – EXECUTION

3.1. EXECUTION

- A. Examine products covered by an allowance promptly upon delivery for damage or defects.

3.2. PREPARATION

- A. Coordinate materials and their installation for each allowance with related materials and installations to ensure that each allowance item is completely integrated and interface with related work

3.3. SCHEDULE OF ALLOWANCES

CONTRACT 1- General Work Contractor:

Allowance GC-00: Contingency Allowance- Contractor shall include a contingency allowance of \$250,000.00 for use according to the Owner's Instructions.

Allowance GC-01: VAT Floor Tile/Mastic Removal- in addition to the base bid demolition work identified on the drawing the Contractor shall include in their base bid an allowance of 100 sf for additional VAT floor tile/mastic removal, in accordance with the ACM report, drawings and specifications.

Allowance GC-02: Abatement of 2'x2' Section of Joint Compound and Contaminated Gypsum Wall Board (GWB)- in addition to the base bid demolition work identified on the drawing the Contractor shall include in their base bid an allowance of fifteen (15) penetrations (2'x2'), in accordance with the ACM report, drawings and specifications.

Allowance GC-03: Moisture Mitigation System- in addition to the base bid work identified on the drawings the Contractor shall include in their base bid an allowance of 1,000 sf for additional moisture mitigation system.

Allowance GC-04: Rock Removal- in addition to the base bid work for site / civil work identified on the drawings the Contractor shall include in their base bid an allowance of 50 cubic yards of additional rock removal.

Allowance GC-05: Replacement of Unsuitable Soils- in addition to the base bid work for site / civil identified on the drawings the Contractor shall include in their base bid an allowance of 500 cubic yards of additional soil replacement.

Allowance GC-06: Replacement of Cat6 Tell/Comm Cable Above Ceiling- in addition to the base bid work identified on the drawings the Contractor shall include in their base bid an allowance of 1,000 linear foot of additional Cat6 / TellComm cabling above the ceiling.

END OF SECTION 012100

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REPLACE

01 22 00 – Unit Prices

**SECTION 012200
UNIT PRICES**

PART 1 – GENERAL

1.1. DESCRIPTION

- A. This section specifies the requirement for measurement and records made for payment purpose and describes the item(s) under which payment(s) will be made for the work performed under this contract
- B. All work shown or specified in the contract documents shall be performed.
- C. Items not specified to be measured or paid for (for which no specific pay item exists in the price schedule) shall be included in an appropriate unit price item or in lump-sum item.

1.2. MEASUREMENT REQUIREMENTS

- A. All required measurements shall be made by the contractor with the Construction Manager.
- B. Any measurements not witnessed by Construction Manager and which cannot be verified or substantiated will not be made.
- C. Coordinate measurements monthly, for the preparation of periodic pay estimates.
- D. Where payments will be made for removing rock and existing materials, notify Construction Manager so that he may witness the measurements
 - 1. All materials removed without conforming to the above procedures, which Engineer cannot verify or substantiate, will not be paid for.
 - 2. Maintain complete, neat, clean, and legible field notes for all measured items.
 - 3. Notes shall contain spaces for Contractor's and Construction Manager's signatures plus additional space for comments.
 - 4. An original and a carbon copy shall be made for all noted and one copy shall be turned over to Construction Manager daily.
 - 5. The Construction manager signature shall not be constituted as an acceptance of the work, or the measurement made, but shall mean that he was present when the measurements were made.

1.3. SUBMITTALS

- A. See Section 013300.
- B. Field Notes of all measurements for payment purpose delivered to the Construction Manager daily.
- C. Copies of all invoices required for payments out of cash allowance(s).
- D. Monthly Applications for Payment
- E. Record drawings showing the locations and quantities of all items measured for payment purposes.

1.4. SCHEDULING

- A. Notify Construction Manager, as far in advance as possible, of the recording of measurements so that they may observe existing conditions, work being performed, and measurements being made.
- B. Allow for and afford Construction Manager ample time, space, and equipment to observe measurements and to verify measurements and elevations.

PART 2 – PRODUCTS

2.1. GENERAL

- A. Provide all labor, materials, facilities, levels, measuring devices and all other equipment and

- items necessary to properly and accurately all measurements for payment purposes.
- B.** Payment for certain items not specifically listed in the bid forms but otherwise required by the technical specifications shall be deemed included as a part of the General Conditions and the individual unit price and lump sum bid items provided for in the proposal. (Bonds, Insurances, material handling, delivery, overhead, profit, etc.)

PART 3 – EXECUTION

3.1. GENERAL

Perform all measuring required under this section

- A.** Record all measurements and calculated quantities on the Recording Drawings.
B. No measurement shall be made for work performed within the limits of Lump Sum Items.

3.2. UNIT PRICE SCHEDULE

CONTRACT #1 – GENERAL WORK CONTRACTOR

Unit Price GC-01: Abatement of VAT Floor Tile/Mastic

- a.** Description: Removal of VAT floor tile & mastic as indicated within the ACM report, drawings & specifications.
b. Unit of Measurement: per square foot

Unit Price GC-02: Abatement of 2'x2' section of Joint Compound and Contaminated Gypsum Wall Board (GWB)

- a.** Description: Removal of 2 foot by 2 foot section of contaminated gypsum wall board (GWB) for penetrations.
b. Unit of Measurement: each

Unit Price GC-03: Moisture Mitigation System

- a.** Description: Provide and install moisture mitigation system in addition to the Allowance quantity for any slab-on-grade areas
b. Unit of Measurement: per square foot

Unit Price GC-04: Rock Removal

- a.** Description: Rock removal within site / civil scope
b. Unit of Measurement: per cubic yard

Unit Price GC-05: Replacement of Unsuitable Soils

- a.** Description: Removal and replacement of unsuitable soils
b. Unit of Measurement: per cubic yard

Unit Price GC-06: Cat6 Tell/Comm Cable Above Ceiling

- a.** Description: Provide and Install new Cat6 cabling above ceiling
b. Unit of Measurement: per linear foot

END OF SECTION 01 2200

REMOVE

01 35 53 – Security Procedures

REMOVE

01 45 23 – Special Inspections and Structural
Testing

ADD

01 60 00 – Product Requirements

SECTION 01 60 00
PRODUCT REQUIREMENTS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. General product requirements.
- B. Re-use of existing products.
- C. Transportation, handling, storage and protection.
- D. Product option requirements.
- E. Substitution limitations.
- F. Maintenance materials, including extra materials, spare parts, tools, and software.

1.02 RELATED REQUIREMENTS

- A. Instructions to Bidders: Product options and substitution procedures prior to bid date.
- B. Section 01 2500 - Substitution Procedures: Substitutions made during procurement and/or construction phases.
- C. Section 01 4500 - Quality Requirements: Product quality monitoring.
- D. Section 01 7419 - Construction Waste Management and Disposal: Waste disposal requirements potentially affecting product selection, packaging and substitutions.

1.03 REFERENCE STANDARDS

- A. 16 CFR 260.13 - Guides for the Use of Environmental Marketing Claims; Federal Trade Commission; Recycled Content; Current Edition.
- B. NFPA 70 - National Electrical Code; Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.

1.04 SUBMITTALS

- A. Proposed Products List: Submit list of major products proposed for use, with name of manufacturer, trade name, and model number of each product.
 - 1. Submit within 15 days after date of Agreement.
 - 2. For products specified only by reference standards, list applicable reference standards.
- B. Product Data Submittals: Submit manufacturer's standard published data. Mark each copy to identify applicable products, models, options, and other data. Supplement manufacturers' standard data to provide information specific to this Project.
- C. Shop Drawing Submittals: Prepared specifically for this Project; indicate utility and electrical characteristics, utility connection requirements, and location of utility outlets for service for functional equipment and appliances.
- D. Sample Submittals: Illustrate functional and aesthetic characteristics of the product, with integral parts and attachment devices. Coordinate sample submittals for interfacing work.
 - 1. For selection from standard finishes, submit samples of the full range of the manufacturer's standard colors, textures, and patterns.

PART 2 PRODUCTS

2.01 EXISTING PRODUCTS

- A. Do not use materials and equipment removed from existing premises unless specifically required or permitted by Contract Documents.

- B. Unforeseen historic items encountered remain the property of the Owner; notify Owner promptly upon discovery; protect, remove, handle, and store as directed by Owner.
- C. Existing materials and equipment indicated to be removed, but not to be re-used, relocated, reinstalled, delivered to the Owner, or otherwise indicated as to remain the property of the Owner, become the property of the Contractor; remove from site.
- D. Reused Products: Reused products include materials and equipment previously used in this or other construction, salvaged and refurbished as specified.

2.02 NEW PRODUCTS

- A. Provide new products unless specifically required or permitted by Contract Documents.
- B. Use of products having any of the following characteristics is not permitted:
 - 1. Made using or containing CFC's or HCFC's.
 - 2. Made of wood from newly cut old growth timber.
- C. Where other criteria are met, Contractor shall give preference to products that:
 - 1. If used on interior, have lower emissions, as defined in Section 01 61 16.
 - 2. If wet-applied, have lower VOC content, as defined in Section 01 61 16.
 - 3. Are extracted, harvested, and/or manufactured closer to the location of the project.
 - 4. Have longer documented life span under normal use.
 - 5. Result in less construction waste. See Section 01 74 19

2.03 PRODUCT OPTIONS

- A. Products Specified by Reference Standards or by Description Only: Use any product meeting those standards or description.
- B. Products Specified by Naming One or More Manufacturers: Use a product of one of the manufacturers named and meeting specifications, no options or substitutions allowed.
- C. Products Specified by Naming One or More Manufacturers with a Provision for Substitutions: Submit a request for substitution for any manufacturer not named.

2.04 MAINTENANCE MATERIALS

- A. Furnish extra materials, spare parts, tools, and software of types and in quantities specified in individual specification sections.
- B. Deliver to Project site; obtain receipt prior to final payment.

PART 3 EXECUTION

3.01 SUBSTITUTION LIMITATIONS

- A. See Section 01 2500 - Substitution Procedures.
- B. Instructions to Bidders specify time restrictions for submitting requests for substitutions during the bidding period. Comply with requirements specified in this section.
- C. Document each request with complete data substantiating compliance of proposed substitution with Contract Documents.
- D. A request for substitution constitutes a representation that the submitter:
 - 1. Has investigated proposed product and determined that it meets or exceeds the quality level of the specified product.
 - 2. Will provide the same warranty for the substitution as for the specified product.
 - 3. Will coordinate installation and make changes to other Work that may be required for the Work to be complete with no additional cost to Owner.
 - 4. Waives claims for additional costs or time extension that may subsequently become apparent.
- E. Substitution Submittal Procedure:
 - 1. Submit three copies of request for substitution for consideration. Limit each request to one proposed substitution.

2. Submit shop drawings, product data, and certified test results attesting to the proposed product equivalence. Burden of proof is on proposer.
3. The Architect will notify Contractor in writing of decision to accept or reject request.

3.02 TRANSPORTATION AND HANDLING

- A. Package products for shipment in manner to prevent damage; for equipment, package to avoid loss of factory calibration.
- B. If special precautions are required, attach instructions prominently and legibly on outside of packaging.
- C. Coordinate schedule of product delivery to designated prepared areas in order to minimize site storage time and potential damage to stored materials.
- D. Transport and handle products in accordance with manufacturer's instructions.
- E. Transport materials in covered trucks to prevent contamination of product and littering of surrounding areas.
- F. Promptly inspect shipments to ensure that products comply with requirements, quantities are correct, and products are undamaged.
- G. Provide equipment and personnel to handle products by methods to prevent soiling, disfigurement, or damage, and to minimize handling.
- H. Arrange for the return of packing materials, such as wood pallets, where economically feasible.

3.03 STORAGE AND PROTECTION

- A. Designate receiving/storage areas for incoming products so that they are delivered according to installation schedule and placed convenient to work area in order to minimize waste due to excessive materials handling and misapplication. See Section 01 74 19.
- B. Store and protect products in accordance with manufacturers' instructions.
- C. Store with seals and labels intact and legible.
- D. Store sensitive products in weathertight, climate-controlled enclosures in an environment favorable to product.
- E. For exterior storage of fabricated products, place on sloped supports above ground.
- F. Protect products from damage or deterioration due to construction operations, weather, precipitation, humidity, temperature, sunlight and ultraviolet light, dirt, dust, and other contaminants.
- G. Comply with manufacturer's warranty conditions, if any.
- H. Cover products subject to deterioration with impervious sheet covering. Provide ventilation to prevent condensation and degradation of products.
- I. Prevent contact with material that may cause corrosion, discoloration, or staining.
- J. Provide equipment and personnel to store products by methods to prevent soiling, disfigurement, or damage.
- K. Arrange storage of products to permit access for inspection. Periodically inspect to verify products are undamaged and are maintained in acceptable condition.

END OF SECTION 01 6000

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REMOVE

01 61 16 – Volatile Organic Compound VOC
Content Restrictions

REMOVE

02 41 19.16 – Selective Interior Demolition

REPLACE

28 26 00 – Emergency Call

SECTION 282600 – EMERGENCY CALL

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:
 - 1. Emergency call central alert stations.
 - 2. Duress-panic alarms.
 - 3. Emergency call system wiring.
 - 4. External emergency call alerting.

1.3 SUBMITTALS

- A. Product Data: For each type of product indicated. Include rated capacities, operating characteristics, and furnished specialties and accessories. Reference each product to a location on Drawings.
- B. Shop Drawings: Include plans, elevations, sections, details, and attachments to other work.
 - 1. Diagrams for cable management system.
 - 2. System labeling schedules, including electronic copy of labeling schedules that are part of the cable and asset identification system of the software specified in Parts 2 and 3.
 - 3. Wiring Diagrams. For power, signal, and control wiring.
 - 4. Cable Administration Drawings: As specified in "Identification" Article.
 - 5. Battery and charger calculations for central station.
- C. Samples: For each exposed product and for each color and texture specified.
- D. Field quality-control reports.
- E. Operation and Maintenance Data: For security system to include in emergency, operation, and maintenance manuals. In addition to items specified in Division 01 Section "Operation and Maintenance Data," include the following:
 - 1. Hard copies of manufacturer's specification sheets, operating specifications, design guides, user's guides for software and hardware, and PDF files on CD-ROM of the hard-copy submittal.
 - 2. System installation and setup guides with data forms to plan and record options and setup decisions.

1.4 QUALITY ASSURANCE

- A. Installer Qualifications: An employer of workers trained and approved by manufacturer.
 - 1. Cable installer must have on staff a registered communication distribution designer certified by Building Industry Consulting Service International.
- B. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.
- C. Comply with NFPA 70, "National Electrical Code."

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Devices:
 - 1. Store in temperature- and humidity-controlled environment in original manufacturer's sealed containers. Maintain ambient temperature between 50 and 85 deg F (10 and 30 deg C), and not more than 80 percent relative humidity, noncondensing.
 - 2. Open each container; verify contents against packing list; and file copy of packing list, complete with container identification, for inclusion in operation and maintenance data.
 - 3. Save original manufacturer's containers and packing materials and deliver as directed under provisions covering extra materials.

1.6 PROJECT CONDITIONS

- A. Environmental Conditions: System shall be capable of withstanding the following environmental conditions without mechanical or electrical damage or degradation of operating capability:
 - 1. Control Station: Rated for continuous operation in ambient conditions of 60 to 85 deg F (16 to 30 deg C) and a relative humidity of 20 to 80 percent, noncondensing.
 - 2. Indoor, Controlled Environment: NEMA 250, Type 1 enclosure. System components, except the central-station control unit, installed in temperature-controlled indoor environments shall be rated for continuous operation in ambient conditions of 36 to 122 deg F (2 to 50 deg C) dry bulb and 20 to 90 percent relative humidity, noncondensing.
 - 3. Indoor, Uncontrolled Environment: NEMA 250, Type 3R enclosures. System components installed in non-temperature-controlled indoor environments shall be rated for continuous operation in ambient conditions of 0 to 122 deg F (minus 18 to plus 50 deg C) dry bulb and 20 to 90 percent relative humidity, noncondensing.

1.7 EXTRA MATERIALS

- A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
 - 1. Emergency Call Buttons: (3).
 - 2. Alarm Reset Keys: (2).

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
1. ABM Data Systems, Inc.
 2. Alco Advanced Technologies.
 3. ASS ABLOY Group.
 4. Bosch Security Systems, Inc.
 5. Checkpoint Systems, Inc.
 6. Deister Electronic USA, Inc.
 7. Galaxy Control Systems.
 8. General Electric Company; GE Security, Inc.
 9. Hirsch Electronics Corporation.
 10. Honeywell International Inc; Honeywell Integrated Security (formerly: NexWatch).
 11. Keyscan.
 12. Matrix Systems, Inc.
 13. Secura Key.
 14. TAC; Andover Continuum Brand.

2.2 DESCRIPTION

- A. Personal Protection Emergency Call System: Cabinet central station, emergency phones, emergency duress-panic buttons, remote alarm system, and system wiring.
- B. Call sequence:
1. Initiation of any call will cause audible and visual alarm at the remote monitoring location within 5 seconds.
 2. Alarms may be silenced only at the location of the device which initiated the alarm.
- C. Electrical Power: 120 VAC, single phase. The system shall have a single-point power connection at the central station. All ancillary devices shall receive power from the central station.

2.3 CABINET CENTRAL STATION

- A. In dedicated lockable wall-mounted enclosure, suitable for mounting in telecommunications room.
- B. Visual display of building floor plan. Floor plan shall indicate all emergency call initiating device locations, and indicate which devices are currently in alarm state. Display shall be visible without opening enclosure.

2.4 DURESS-PANIC ALARM BUTTONS

- A. Housing: Stainless steel, with label "EMERGENCY".
- B. Actuating Device: Plunger button.

- C. Reset: Keyed.
- D. Relays: SPST switch, with (1) Normally Open contact.
- E. Button shall be "latch-on" type, requiring separate reset action. Reset or re-activation of actuation device alone shall not silence alarm.

2.5 CABLES

- A. General Cable Requirements: Comply with requirements in Division 28 Section "Conductors and Cables for Electronic Safety and Security" and as recommended by system manufacturer for integration requirement.
- B. Paired, Input Cables:
 - 1. One pair, twisted, No. 18 AWG, tinned copper conductors, polypropylene insulation, overall aluminum-foil/polyester-tape shield, 100 percent shield coverage, and PVC jacket.
 - 2. NFPA 70, Type CMR.
 - 3. Flame Resistance: UL 1666 riser flame test.
- C. Paired, Plenum-Type, Input Cables:
 - 1. One pair, twisted, No. 18 AWG, stranded (7x30) tinned copper conductors, fluorinated-ethylene-propylene insulation, aluminum-foil/polyester-tape shield (foil side out), 100 percent shield coverage, and plastic jacket.
 - 2. NFPA 70, Type CMP.
 - 3. Flame Resistance: NFPA 262 flame test.
- D. LAN Cabling:
 - 1. Comply with requirements in Division 28 Section "Conductors and Cables for Electronic Safety and Security."
 - 2. NFPA 262.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine pathway elements intended for cables. Check raceways, cable trays, and other elements for compliance with space allocations, installation tolerances, hazards to cable installation, and other conditions affecting installation.
- B. Examine roughing-in for LAN and control cable conduit systems to PCs, controllers, card readers, and other cable-connected devices to verify actual locations of conduit and back boxes before device installation.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Comply with TIA/EIA 606-A, "Administration Standard for Commercial Telecommunications Infrastructure."
- B. In meetings with Owner, present Project planning documents and review, adjust, and prepare final setup documents. Use final documents to set up system.

3.3 CABLING

- A. Comply with NECA 1, "Good Workmanship in Electrical Construction."
- B. Install cables and wiring according to requirements in Division 28 Section "Conductors and Cables for Electronic Safety and Security."
- C. Wiring Method: Install wiring in raceway and cable tray except within consoles, cabinets, desks, and counters. Conceal raceway and wiring except in unfinished spaces.
- D. Install LAN cables using techniques, practices, and methods that are consistent with Category 6 rating of components and that ensure Category 6 performance of completed and linked signal paths, end to end.
- E. Boxes and enclosures containing security-system components or cabling, and which are easily accessible to employees or to the public, shall be provided with a lock. Junction boxes and small device enclosures below ceiling level and easily accessible to employees or the public shall be covered with a suitable cover plate and secured with tamperproof screws.
- F. Install end-of-line resistors at the field device location and not at the controller or panel location.

3.4 CABLE APPLICATION

- A. Comply with TIA 569-B, "Commercial Building Standard for Telecommunications Pathways and Spaces."
- B. Cable application requirements are minimum requirements and shall be exceeded if recommended or required by manufacturer of system hardware.
- C. TIA 232-F Cabling: Install at a maximum distance of 50 ft. (15 m).
- D. TIA 485-A Cabling: Install at a maximum distance of 4000 ft. (1220 m).

3.5 GROUNDING

- A. Comply with Division 26 Section "Grounding and Bonding for Electrical Systems."
- B. Comply with IEEE 1100, "Recommended Practice for Power and Grounding Electronic Equipment."
- C. Ground cable shields, drain conductors, and equipment to eliminate shock hazard and to minimize ground loops, common-mode returns, noise pickup, cross talk, and other impairments.
- D. Bond shields and drain conductors to ground at only one point in each circuit.

3.6 IDENTIFICATION

- A. In addition to requirements in this article, comply with applicable requirements in Division 26 Section "Identification for Electrical Systems" and with TIA/EIA 606-A.
- B. Label each terminal strip and screw terminal in each cabinet, rack, or panel.
 - 1. All wiring conductors connected to terminal strips shall be individually numbered, and each cable or wiring group being extended from a panel or cabinet to a building-mounted device shall be identified with the name and number of the particular device as shown.
 - 2. Each wire connected to building-mounted devices is not required to be numbered at the device if the color of the wire is consistent with the associated wire connected and numbered within the panel or cabinet.
- C. At completion, cable and asset management software shall reflect as-built conditions.

3.7 FIELD QUALITY CONTROL

- A. Perform tests and inspections.
 - 1. Manufacturer's Field Service: Engage a factory-authorized service representative to inspect components, assemblies, and equipment installations, including connections, and to assist in testing.
- B. Tests and Inspections:
 - 1. LAN Cable Procedures: Inspect for physical damage and test each conductor signal path for continuity and shorts. Use Class 2, bidirectional, Category 5 tester. Test for faulty connectors, splices, and terminations. Test according to TIA/EIA 568-B.1, "Commercial Building Telecommunications Cabling Standards - Part 1: General Requirements." Link performance for UTP cables must comply with minimum criteria in TIA/EIA 568-B.1.
 - 2. Test each circuit and component of each system. Tests shall include, but are not limited to, measurements of power-supply output under maximum load, signal loop resistance, and leakage to ground where applicable. System components with battery backup shall be operated on battery power for a period of not less than 10 percent of the calculated battery operating time. Provide special equipment and software if testing requires special or dedicated equipment.
 - 3. Operational Test: After installation of cables and connectors, demonstrate product capability and compliance with requirements. Test each signal path for end-to-end performance from each end of all pairs installed. Remove temporary connections when tests have been satisfactorily completed.
- C. Devices and circuits will be considered defective if they do not pass tests and inspections.
- D. Prepare test and inspection reports.

3.8 PROTECTION

- A. Maintain strict security during the installation of equipment and software. Rooms housing the control station, and workstations that have been powered up shall be locked during periods when a qualified operator in the employ of Contractor is not present.

3.9 DEMONSTRATION

- A. Train Owner's maintenance personnel to adjust, operate, and maintain security access system.
See Division 01 Section "Demonstration and Training."

END OF SECTION 282600

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PRODUCT REVISIONS

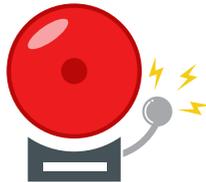
Equipment (Security Cameras)

- GC to include as basis-of-design: Outdoor – Fisheye (Open Eye – OE-C9112F12)
- GC to include as basis-of-design: Outdoor – Multisensor (Open Eye – OE-C9912M20)
- GC to include as basis-of-design: Outdoor – Turret (Open Eye – OE-C3012T8-S)
- GC to include as basis-of-design: Indoor – Micro Dome (Open Eye – OE-C1011D4-S)



TRUE WDR

True Wide Dynamic Range ensures clear video even in installations with high-contrast areas



ALARM I/O

Alarm connections wire the camera directly to alarm devices



ADAPTIVE IR LEDs

Adaptive IR technology for clear pictures in total darkness



TRUE DAY / NIGHT

True Day / Night provides superior video in a variety of lighting



TWO-WAY AUDIO

Receive and transmit audio through the camera



NDAA COMPLIANT

NDAA compliance meets the latest federal security standards

CAMERA SPECIFICATIONS

IMAGE	
Image sensor	1/1.7" Sony Progressive CMOS
Shutter	Auto/Manual; 1 ~ 1/100000s
Lens	1.65mm Fixed
Max Resolution	Software Dewarping: 4000x3000 Edge Dewarping: 2976x2976
Aspect Ratio	16:9
Field of View	180°
Day/Night	True Day / Night w/ IR-Cut Filter
Wide Dynamic Range (WDR)	True WDR @ 12MP; 120db
IR	Up to 16'

VIDEO CONTROL	
Video Streams	4
Compression	H.264 / H.265 / MJPEG
Max Frame rate	12MP @ 20FPS
Day/Night	Auto / Manual / Light Sensor
White Balance	Auto / Manual / Smart
ROI	Up to 3 areas
Motion Detection	Up to 4 areas
Privacy Masking	Up to 5 areas

AUDIO	
Audio In/Out	1 - Line In, 1 - Line Out
Compression	uLAW, AAC
Two-way Audio	Yes

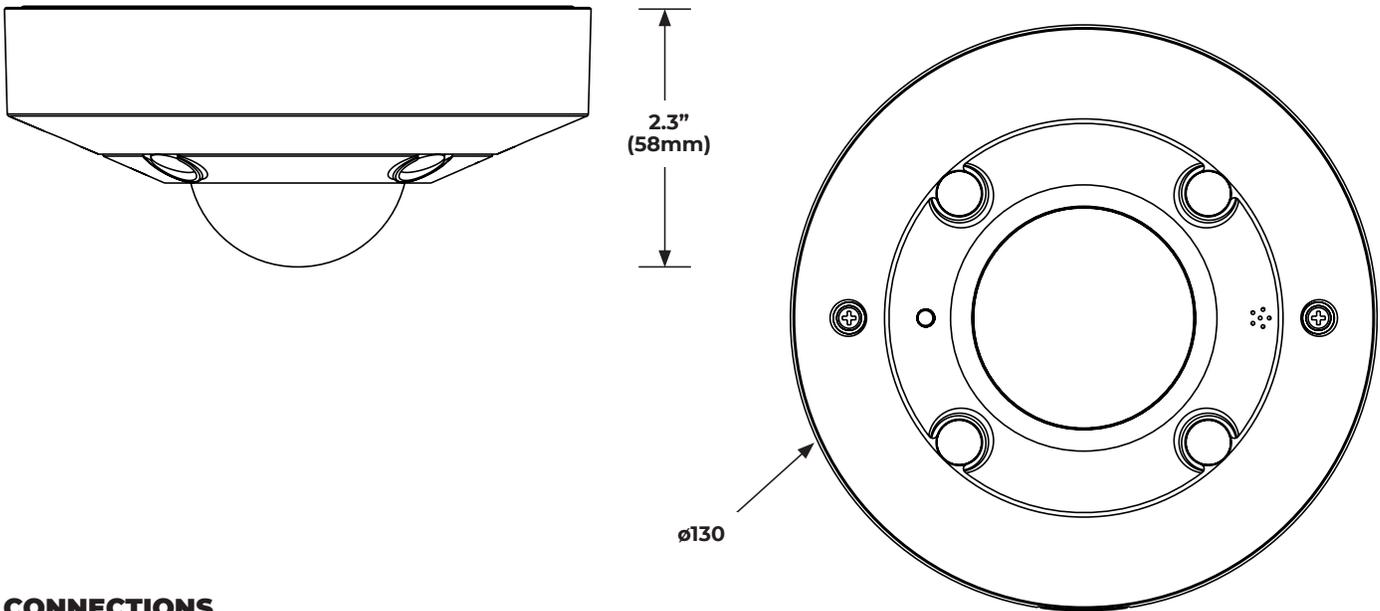
NETWORK	
Connector	RJ45
Network	10/100/1000 Mbps
ONVIF®	Profile S / G / Q / T Compliant

HARDWARE	
Housing / Dome Cover	Metal / Polycarbonate
Ingress Protection	IP66
Impact Rating	IK10
Dimensions	Ø5.1" x 2.3" (Ø130 x 58mm)
Weight	1.2lb (0.565kg)
Alarm In / Relay Out	1 / 1
Country of Origin	Taiwan
NDAA Compliant	Yes

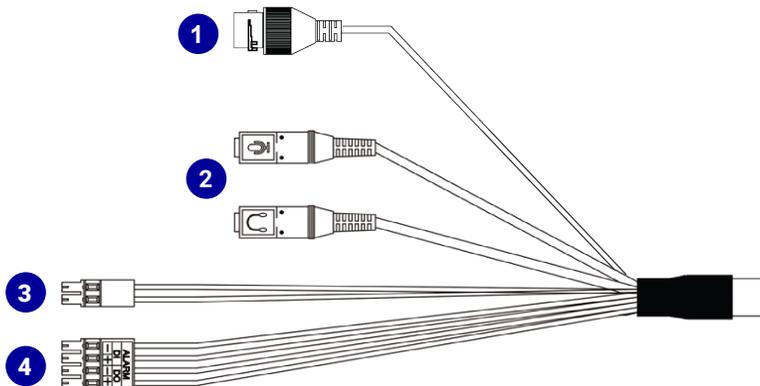
CAMERA SPECIFICATIONS (CONTINUED)

POWER	
Power Consumption	PoE: Max 12.95W 12vDC: Max 11.16W
Power Source	PoE (IEEE 802.3af) / DC 12V±25%
ENVIRONMENTAL	
Operating Environment	-22°F ~ 131°F (-30°C ~ 55°C)
Humidity	≤90% RH (non-condensing)
STORAGE	
Onboard Storage	Up to 512GB MicroSD card
Network	FTP, NAS
CERTIFICATIONS	
Safety	UL / CE / RCM
EMC	FCC Class A

DIMENSIONS



CONNECTIONS



1	RJ-45	For network and PoE connections	
2	Audio I/O	Pink	Audio In (Line In)
		Green	Audio Out (Line Out)
3	Power (12vDC)*	Black	DC 12V -
		Red	DC 12V +
4	Alarm I/O	1	Alarm In -
		2	Alarm In +
		3	Alarm Out -
		4	Alarm Out +

*12vDC power input port should be plugged when not in use.

ACCESSORIES



91-Series Angled Wall Mount
OE-CA91AWM-01



91-Series Adapter Plate
OE-CA91AP-01



91-Series Adapter Plate
OE-CA91AP-01



Wall Mount
OE-CA79WM

91-Series Wall Mount Kit
OE-CA91WMKT-01



91-Series Adapter Plate
OE-CA91AP-01



Dome Junction Box
OE-CA79JB

91-Series Junction Box Kit
OE-CA91JBKT-01



91-Series Adapter Plate
OE-CA91AP-01



Pendant Mount Adapter
OE-CA79PM

91-Series Pendant Mount Kit
OE-CA91PCKT-01



91-Series Wall Mount Kit
OE-CA91WMKT-01

Indoor/Outdoor 7" Junction Box
OE-CA00JB-01



91-Series Pendant Mount Kit
OE-CA91PCKT-01

Ceiling-Mounted Pole
OE-CA00CMP-01



91-Series Pendant Mount Kit
OE-CA91PCKT-01

Indoor/Outdoor Wall Mount
OE-CA00WM-01



91-Series Pendant Mount Kit
OE-CA91PCKT-01

Indoor/Outdoor Wall Mount
OE-CA00WM-01

Corner Mount
OE-CA00CM-01



91-Series Pendant Mount Kit
OE-CA91PCKT-01

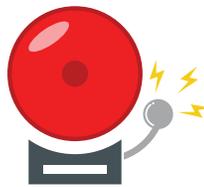
Indoor/Outdoor Wall Mount
OE-CA00WM-01

Pole Mount Kit
OE-CA00PMK-02



TRUE DAY / NIGHT

True Day / Night provides superior video in a variety of lighting conditions



ALARM I/O

Alarm connections wire the camera directly to alarm devices



TRUE WDR

True Wide Dynamic Range ensures clear video even in installations with high-contrast areas



TWO-WAY AUDIO

Receive and transmit audio through the camera



REMOTELY REPOSITIONABLE

Remotely repositionable camera lenses move left to right on a track, can tilt up/down and zoom



NDAA COMPLIANT

NDAA compliance meets the latest federal security standards

CAMERA SPECIFICATIONS

IMAGE	
Image sensor	20MP, 4x 1/2.8", 5MP CMOS Progressive Sensor
Shutter	Auto/Manual; 1/7 ~ 1/20000
Lens	2.7~13.5mm motorized autofocus lens
Max Resolution	2592x1944
Aspect Ratio	4:3
Field of View	103° ~ 34°
PTZ	Remotely adjustable: Pan 360°, Tilt 90°, 4x Zoom
Day/Night	True Day / Night w/ IR-Cut Filter
Wide Dynamic Range (WDR)	True WDR
IR	131'

VIDEO CONTROL	
Video Streams	3 per Image Sensor
Compression	H.264
Max Frame rate	30FPS
Day/Night	Auto / Day / Night
White Balance	Auto / Manual
OSD	Up to 4 per sensor
ROI	Up to 5 per sensor
Motion Detection	Up to 5 per sensor
Privacy Masking	Up to 5 per sensor
Image Rotation	Flip Vertical, Flip Horizontal

AUDIO	
Audio In/Out	1 / 1
Compression	G.711A, G.711U
Two-way audio	Yes
Suppression	Yes

NETWORK	
Connector	RJ45
Network	10/100Mbps
ONVIF®	Profile S / G / T Compliant

CAMERA SPECIFICATIONS (CONTINUED)

HARDWARE	
Housing / Dome Cover	Cast Aluminum
Ingress Protection	IP66
Impact Rating	IK10
Dimensions	13.9" x 13.9" x 11.6" (352 x 352 x 295mm)
Weight	7.5lb (3.4kg)
Alarm In / Relay Out	1 / 1 (Wet Contacts)
Country of Origin	Taiwan
NDA Compliant	Yes

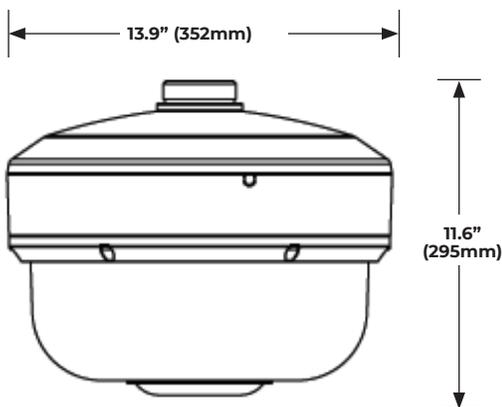
POWER	
Power Consumption	Max 40W (IR On) (PoE Injector Included)
Power Source	24V DC / 24V AC / PoE++ Class 5 (IEEE 802.3bt)

ENVIRONMENTAL	
Operating Environment	-40°F ~ 131°F (-40°C~55°C) (IR OFF)
Humidity	≤90% RH (non-condensing)

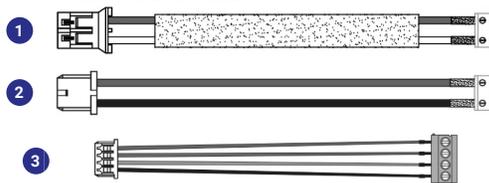
STORAGE	
Onboard Storage	2x MicroSD card; Up to 512GB
Network	Supported

CERTIFICATIONS	
Certifications	UL / CE / FCC Class A / RCM

DIMENSIONS



CONNECTIONS



1	Power (12vDC)	Red	24vDC +
		White	GND -
2	Audio I / O	Red	Audio Out +
		Black	Audio Out -
	Audio I / O	Red	Audio In +
		Black	Audio In -
3	Alarm I / O	Red	Alarm Out +
		Purple	Alarm Out -
		Orange	Alarm In +
		Black	Alarm In -

INCLUDED ACCESSORIES

- 1.5" Threaded Pendant Cap
- 60W PoE Injector

ACCESSORIES



Indoor/Outdoor Wall Mount
OE-CA00WM-01



Ceiling-Mounted Pole
OE-CA00CMP-01



Indoor/Outdoor Wall Mount
OE-CA00WM-01



Corner Mount
OE-CA00CM-01



Indoor/Outdoor Wall Mount
OE-CA00WM-01



Pole Mount Kit
OE-CA00PMK-02



LINE CROSSING ANALYTICS

Detect a person or vehicle matching specified parameters crossing a user-defined line



PERSON/VEHICLE ANALYTICS

Detect a person or vehicle matching specified parameters entering a user-defined area



CORRIDOR MODE

Optimize monitoring for vertical spaces such as hallways, stairs, tunnels and roads



TRUE DAY / NIGHT

True Day / Night provides superior video in a variety of lighting conditions



ADAPTIVE IR LEDs

Smart IR technology for clear pictures in total darkness



TRUE WDR

True Wide Dynamic Range ensures clear video even in installations with high-contrast areas

CAMERA SPECIFICATIONS

IMAGE	
Image sensor	1/2.8", 8MP, Progressive Scan, CMOS
Shutter	Auto/Manual; 1 ~ 1/100000s
Lens	2.8 ~ 12mm, VF, AF, Motorized Zoom Lens
Max Resolution	3840x2160
Aspect Ratio	16:9
Field of View	105° ~ 31°
Remote Focus/Zoom	Auto / Manual 4X Optical Zoom
Day/Night	True Day / Night w/ IR-Cut Filter
Wide Dynamic Range (WDR)	True WDR @ 8MP; 120dB
IR	Adaptive IR up to 131'
Analytics	Person, Vehicle, and Line Crossing Analytics

VIDEO CONTROL	
Video Streams	2
Compression	H.264 / H.265 / MJPEG
Max Frame rate	Primary Stream: 20FPS @ 3840x2160
Day/Night	Auto / Day / Night
White Balance	Auto / Manual / Scene
OSD	Up to 8 OSDs
ROI	Up to 8 areas
Motion Detection	Up to 4 areas
Privacy Masking	Up to 4 areas
Image Rotation	Flip Vertical, Flip Horizontal, 180°, 90° Clockwise, 90° Counter-clockwise

AUDIO	
Audio In/Out	Built-in Mic
Compression	G.711A, G.711U
Suppression	Yes

NETWORK	
Connector	RJ45
Network	10/100Mbps
ONVIF®	Profile S / G / T

HARDWARE	
Housing	Metal
Ingress Protection	IP67
Impact Rating	IK10
Dimensions	Ø5.1" x 4.3" (Φ129 x 110mm)
Weight	1.48lb (0.67kg)
Pan / Tilt / Rotate	Pan: 0° ~ 360° Tilt: 0° ~ 90° Rotate: 0° ~ 360°
Country of Origin	China
NDAA Compliant	Yes

CAMERA SPECIFICATIONS (CONTINUED)

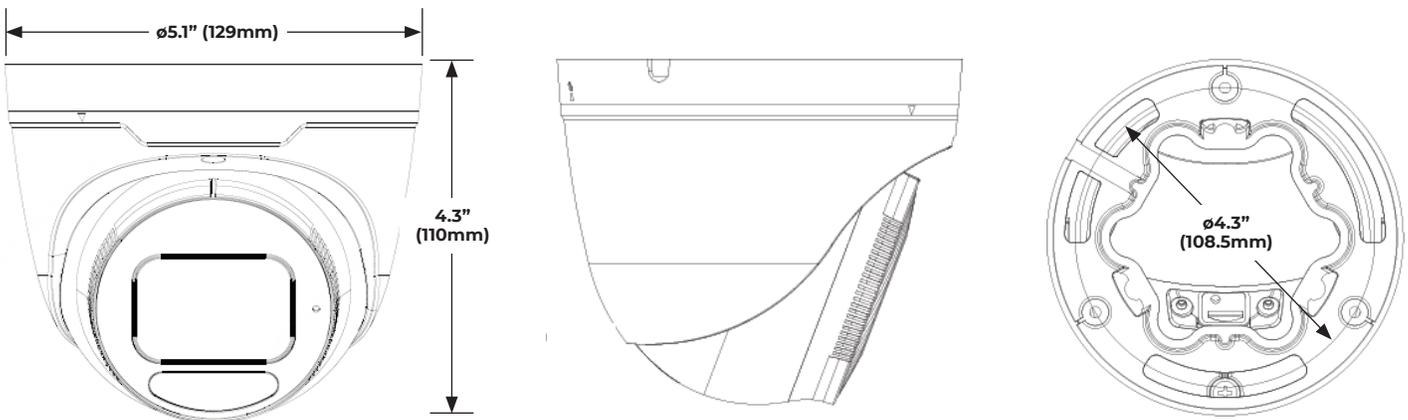
POWER	
Power Consumption	Max 8.16W
Power Source	PoE (IEEE 802.3af) / DC 12V±25%

ENVIRONMENTAL	
Operating Environment	-22°F ~ 140°F (-30°C~60°C)
Humidity	≤95% RH

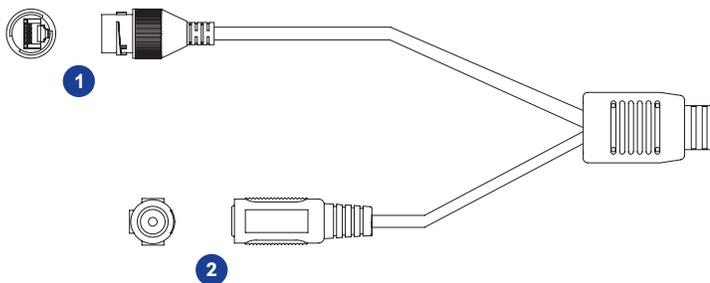
STORAGE	
Onboard Storage	MicroSD card; Up to 512GB
Network	Supported

CERTIFICATIONS	
Certifications	UL / CE / FCC Class A

DIMENSIONS



CONNECTIONS



1	RJ-45	For network and PoE connections
2	Power (12vDC)*	Power connection

*12vDC power input port should be plugged when not in use.

ACCESSORIES



30-Series Junction Box
OE-CA30JB-01



30-Series Wall Mount
OE-CA30WM-01



30-Series Pendant Cap
OE-CA30PC-01



30-Series Wall Mount
OE-CA30WM-01



Indoor/Outdoor 7" Junction Box
OE-CA00JB-01



30-Series Wall Mount
OE-CA30WM-01



Indoor/Outdoor 7" Junction Box
OE-CA00JB-01



Pole Mount Kit
OE-CA00PMK-01



30-Series Pendant Cap
OE-CA30PC-01



Indoor/Outdoor Wall Mount
OE-CA00WM-01



30-Series Pendant Cap
OE-CA30PC-01



Indoor/Outdoor Wall Mount
OE-CA00WM-01



Corner Mount
OE-CA00CM-01



30-Series Pendant Cap
OE-CA30PC-01



Indoor/Outdoor Wall Mount
OE-CA00WM-01



Pole Mount Kit
OE-CA00PMK-02



30-Series Pendant Cap
OE-CA30PC-01



Ceiling-Mounted Pole
OE-CA00CMP-01



LINE CROSSING ANALYTICS

Detect a person or vehicle matching specified parameters crossing a user-defined line



PERSON/VEHICLE ANALYTICS

Detect a person or vehicle matching specified parameters entering a user-defined area



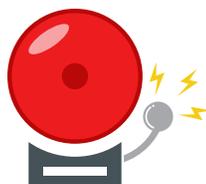
CORRIDOR MODE

Optimize monitoring for vertical spaces such as hallways, stairs, tunnels and roads



PAINTABLE COVER

Optional snap-on cover is paintable to match the color of its surroundings



ALARM I/O

Alarm connections wire the camera directly to alarm devices



TRUE WDR

True Wide Dynamic Range ensures clear video even in installations with high-contrast areas

CAMERA SPECIFICATIONS

IMAGE	
Image sensor	1/2.7", 4MP, Progressive Scan, CMOS
Shutter	Auto/Manual; 1 ~ 1/1000000s
Lens	2.8mm Fixed
Max Resolution	2688x1520
Aspect Ratio	16:9
Field of View	103°
Day/Night	True Day / Night w/ IR-Cut Filter
Wide Dynamic Range (WDR)	True WDR @ 4MP; 120dB
IR	Adaptive IR; up to 98'
Analytics-enabled	Person, Vehicle, and Line Crossing

VIDEO CONTROL	
Configurable Video Profiles	Main Profile, High Profile
Compression	H.264 & MJPEG
Max Frame rate	Primary Stream: 30FPS @ 2688x1520
Day/Night	Auto / Day / Night
White Balance	Auto / Manual / Scene
BLC	Yes
OSD	Up to 8 OSDs
ROI	Up to 8 areas
Motion Detection	Up to 4 areas
Privacy Masking	Up to 4 areas
Image Rotation	Flip Vertical, Flip Horizontal, 180°, 90° Clockwise, 90° Counter-clockwise

AUDIO	
Audio In/Out	1 - Line In / 1 - Line Out Built-in Mic
Compression	G.711A, G.711U
Two-Way Audio	Yes
Suppression	Yes

NETWORK	
Connector	RJ45
Network	10/100Mbps
ONVIF®	Profile S / G / T

HARDWARE	
Housing / Dome Cover	Plastic / Polycarbonate
Dimensions	Ø4.3" x 2.4" (Ø108 x 61mm)
Weight	0.49lb (0.22kg)
Alarm In / Relay Out	1 / 1
Pan / Tilt / Rotate	Pan: 0° ~ 348° Tilt: -66° ~ 66° Rotate: 0° ~ 346°
Country of Origin	China
NDAA Compliant	Yes

CAMERA SPECIFICATIONS (CONTINUED)

POWER	
Power Consumption	Max 4.5W
Power Source	PoE (IEEE 802.3af) / DC 12V±25%
ENVIRONMENTAL	
Operating Temperature	-22°F ~ 131°F (-30°C~55°C)
Humidity	≤95% RH (non-condensing)
STORAGE	
Onboard Storage	MicroSD card; Up to 512GB
Network	Supported
CERTIFICATIONS	
Certifications	UL / CE / FCC Class A

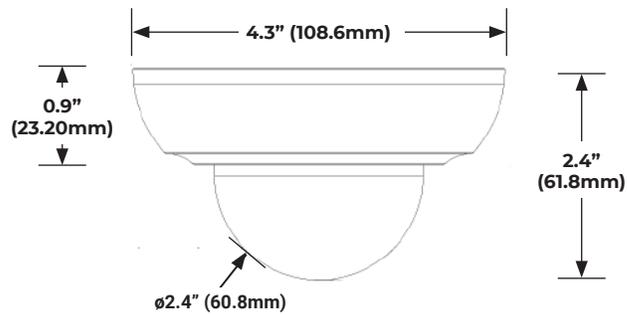
ADDITIONAL IMAGES



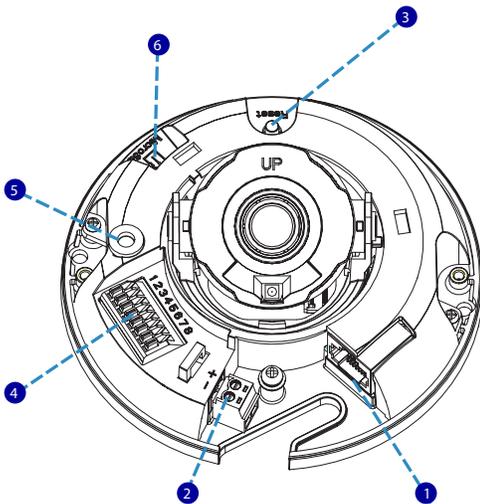
A paintable dome cover is available free of charge by request

Part Number OE-CA00PDC-01

DIMENSIONS



CONNECTIONS



1	RJ-45	-	For network and PoE connections	
2	Power (12VDC)	1	12vDC +	Power Connection
		2	GND -	
3	Reset Button	-	To restore the camera to factory defaults: 1. Disconnect power for 30 seconds. 2. Reconnect power and wait 30 seconds. 3. Press and hold the reset button for 20 seconds.	
4	Alarm & Audio I / O	1	Audio Out +	Audio connection
		2	GND	Ground connection
		3	Audio In +	Audio connection
		4	GND	Ground connection
		5	Alarm Input	Alarm connection
		6	GND	Ground connection
		7	Alarm Output +	Alarm connection
		8	Alarm Output -	Alarm connection
5	Built-in Microphone	-	Audio In	
6	microSD Card Slot	-	Insert the microSD card into the slot to store videos and snapshots	

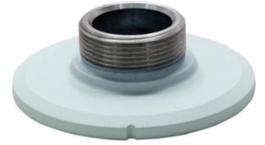
ACCESSORIES



10-Series Wall Mount
OE-CA10WM-01



10-Series Junction Box
OE-CA10JB-01



10-Series Pendant Cap
OE-CA10PC-01



Paintable Dome Cover
OE-CA00PDC-01



10-Series Wall Mount
OE-CA10WM-01



Indoor/Outdoor 7" Junction Box
OE-CA00JB-01



10-Series Wall Mount
OE-CA10WM-01



Indoor/Outdoor 7" Junction Box
OE-CA00JB-01



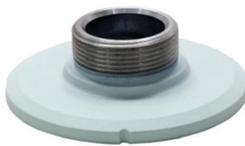
Pole Mount Kit
OE-CA00PMK-01



10-Series Pendant Cap
OE-CA10PC-01



Indoor/Outdoor Wall Mount
OE-CA00WM-01



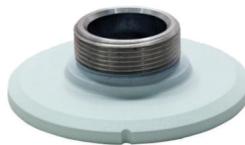
10-Series Pendant Cap
OE-CA10PC-01



Indoor/Outdoor Wall Mount
OE-CA00WM-01



Corner Mount
OE-CA00CM-01



10-Series Pendant Cap
OE-CA10PC-01



Indoor/Outdoor Wall Mount
OE-CA00WM-01



Pole Mount Kit
OE-CA00PMK-02



10-Series Pendant Cap
OE-CA10PC-01



Ceiling-Mounted Pole
OE-CA00CMP-01

Drawing Revisions

REPLACE

Sheet C-140 – Utility and Photometric Plan



Test #: ISF 221267AP22
 Test Lab: SCALED PHOTOMETRY
 Catalog: DSX0 LED P3 40K 80CRI T5M
 Description: D-Series Size 0 Area Luminaire P3 Performance Package
 4000K CCT 80 CRI Type 5 Medium
 Series: D-Series Area Size 0
 Lamp Output: Total Luminaire Lumens: 8427.3, absolute photometry *
 Input Wattage: 68.95
 Luminous Opening: Rectangle (L: 9.48", W: 13.68")
 Max Cd: 4,622.7 at Horizontal: 45°, Vertical: 72.5°
 Roadway Class: Type VS



UTILITY PLAN LEGEND:

- CONTRACT LIMIT LINE
- ST--- STORM SEWER PIPE
- W--- WATER PIPE
- E--- UGE LINE, REFER TO ELECTRICAL PLANS
- ☐ STORM SEWER CATCH BASIN, SQUARE
- ☐ WATER CURB STOP
- ⊕ WATER BEND TEE
- ⊕ PEDESTRIAN LIGHT POLE
- ⊕ PARKING LOT LIGHT POLE
- ⊕ BUILDING MOUNTED LIGHT FIXTURE

SCALE AS SHOWN
 CONTRACT NO.: -
 MJ PROJ. NO.: 2211.0
 DATE: SEPT 2025
C-140

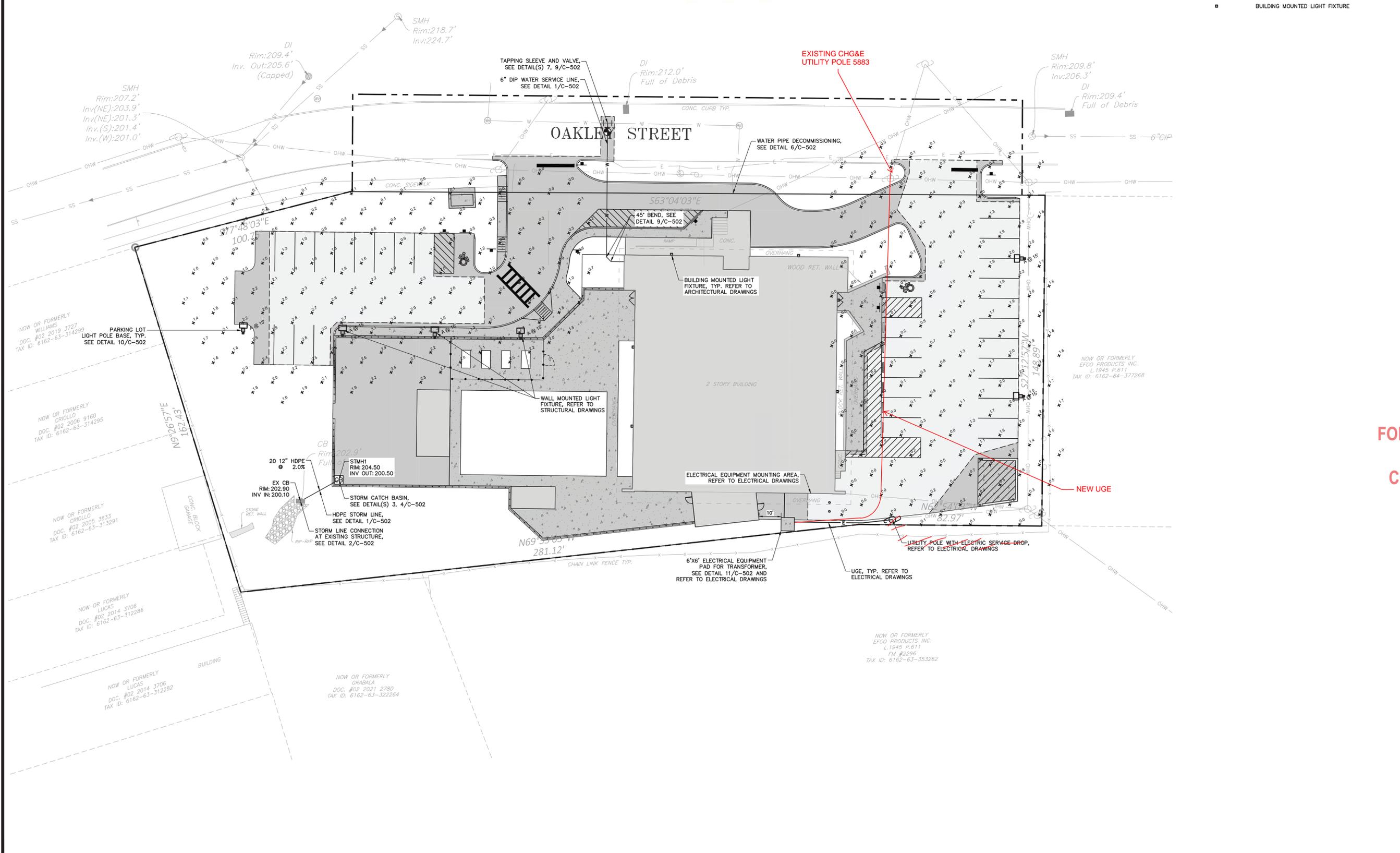
TRANSITIONAL HOUSING
 SUPPORT CENTER
**UTILITY AND
 PHOTOMETRIC PLAN**

Engineering
 Architecture
 Landscape Architecture
 and Land Surveying, P.C.


26 OAKLEY STREET, CITY OF POUGHKEEPSIE
 DUTCHESS COUNTY, NEW YORK
**FOR BIDDING ONLY
 NOT FOR
 CONSTRUCTION**

THE ALTERATION OF THIS MATERIAL
 WITHOUT THE WRITTEN CONSENT OF
 THE DIRECTOR OF THE STATE BOARD
 OF PROFESSIONAL ENGINEERS AND
 SURVEYORS IS A VIOLATION OF THE
 ARCHITECTURE AND LAND SURVEYING
 LAW AND IS A CLASS "A" MISDEMEANOR.

SUBMITTAL / REVISIONS		NO.	DATE	DESCRIPTION	BY	REV'D BY	DATE	PROJ. MGR.	WL
1	50% CD SUBMISSION	AB	11/17/2025		AB	WL	11/17/2025		
2	75% CD SUBMISSION	AB	12/08/2025		WL	WL	12/08/2025		
3	100% CD SUBMISSION	AB	01/05/2026		WL	WL	01/05/2026		



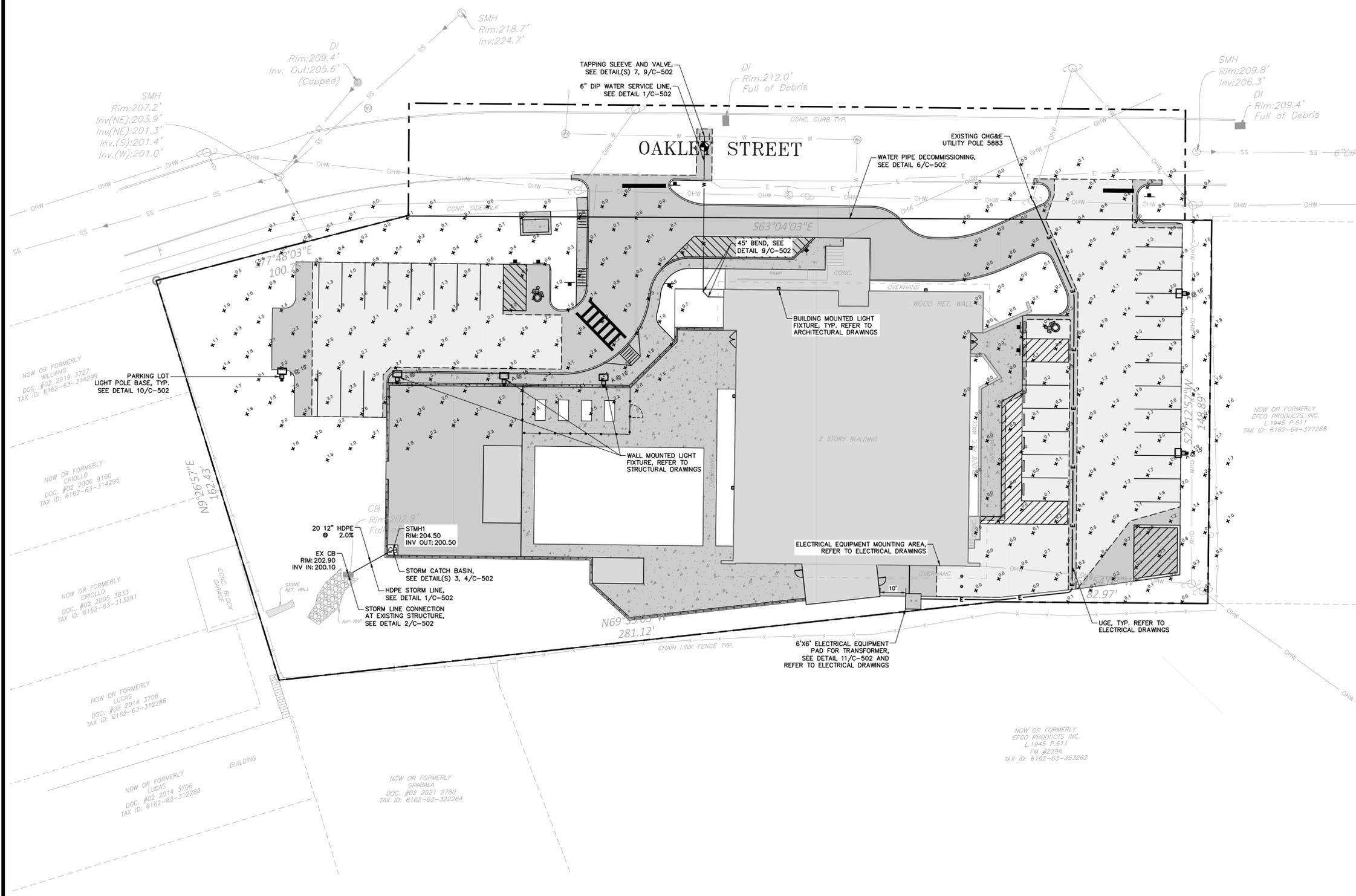


Test #: ISF 221267AP22
 Test Lab: SCALED PHOTOMETRY
 Catalog: DSX0 LED P3 40K 80CRI T5M
 Description: D-Series Size 0 Area Luminaire P3 Performance Package
 4000K CCT 80 CRI Type 5 Medium
 Series: D-Series Area Size 0
 Lamp Output: Total Luminaire Lumens: 8427.3, absolute photometry *
 Input Wattage: 68.95
 Luminous Opening: Rectangle (L: 9.48", W: 13.68")
 Max Cd: 4,622.7 at Horizontal: 45°, Vertical: 72.5°
 Roadway Class: Type VS



UTILITY PLAN LEGEND:

---	CONTRACT LIMIT LINE
ST	STORM SEWER PIPE
W	WATER PIPE
E	UGE LINE, REFER TO ELECTRICAL PLANS
CB	STORM SEWER CATCH BASIN, SQUARE
WCS	WATER CURB STOP
WT	WATER BEND TEE
PL	PEDESTRIAN LIGHT POLE
PLP	PARKING LOT LIGHT POLE
BLF	BUILDING MOUNTED LIGHT FIXTURE



SCALE AS SHOWN
 CONTRACT NO.: 2211.0
 MJ PROJ. NO.: 2211.0
 DATE: SEPT 2025
C-140

TRANSITIONAL HOUSING
 SUPPORT CENTER
**UTILITY AND
 PHOTOMETRIC PLAN**
 26 OAKLEY STREET, CITY OF POUGHKEEPSIE
 DUTCHESS COUNTY, NEW YORK



THE ALTERATION OF THIS MATERIAL
 IN ANY MANNER WITHOUT THE
 DIRECTION OF THE REGISTERED
 PROFESSIONAL (I.E.) ARCHITECT
 FOR AN ARCHITECTURAL ENGINEER FOR
 ARCHITECT FOR A LANDSCAPE
 ARCHITECT FOR A LANDSCAPE
 ARCHITECT IS A VIOLATION OF THE
 NEW YORK STATE ARCHITECTURE
 AND/OR REGULATIONS
 AND IS A CLASS "A" MISDEMEANOR.
 REGISTRATION EXPIRES
 10.31.2025

PROJ. MGR:	WL
DESIGN BY:	AB
DRAWN BY:	AB
CHECKED BY:	WL

NO.	DATE	REVD BY:	BY:
1	11/17/2025	WL	AB
2	12/08/2025	WL	AB
3	01/05/2026	WL	AB

NO.	DATE	DESCRIPTION
1	11/17/2025	50% CD SUBMISSION
2	12/08/2025	75% CD SUBMISSION
3	01/05/2026	100% CD SUBMISSION

**PLEASE INCLUDE ACKNOWLEDGEMENT OF THE ADDENDUM
IN YOUR BID RECEIPT OF ADDENDUM**

END OF ADDENDUM #1