SECTION 00 91 11 - ADDENDUM NUMBER 2

PARTICULARS

Date: February 7th, 2025
Project: NGFD English Road Station - Contracts DEFG
Project Number: 20233530.0001

TO: PROSPECTIVE BIDDERS:

This Addendum forms a part of the Contract Documents and modifies the original Bid Documents dated January 22nd 2025, with amendments and additions noted below. Acknowledge receipt of this Addendum in the space provided in the Bid Form. Failure to do so may disqualify the Bidder.

CHANGES TO THE PROJECT MANUAL - INTRODUCTORY REQUIREMENTS, PROCUREMENT REQUIREMENTS AND CONTRACTING REQUIREMENTS:

1. Modify the date of Bid Opening to **Tuesday, February 18th at 2:00pm**. Location shall remain at 1766 Latta Road, Rochester, New York 14612.
2. Pre-Bid RFI Log

CHANGES TO PROJECTR MANUAL - SPECIFICATIONS

1. Add Section 08 16 16 – Polyethylene Doors
2. Add Section 08 71 00 – Door Hardware
3. Add Section 08 71 06 – Door Hardware Schedule

CHANGES TO THE CONTRACT DOCUMENTS - DRAWINGS

1. Replace Drawings
   - A-100 First Floor Plan
   - A-103 Roof Plan
   - A-200 Exterior Elevations
   - A-201 Exterior Elevations
   - A-318 Wall Section Details
   - A-400 Enlarged Plans & Interior Elevations
   - A-407 Enlarged Plans & Interior Elevations
   - A-501 Roof Details
   - A-600 Door Schedule
   - A-601 Door Details
   - A-602 Window Schedule

Prospective Bidders are reminded to acknowledge receipt of this Addendum No. 02 on the Bid Proposal Form.

Below is a narrative of the changes included in the revised/added documents above. It is a general overview of the changes and does not necessarily include all of the changes to the documents.

Drawing changes:

1. A-100 First Floor Plan
   - AV Room Number and Door Number to 104A.
2. A-103 Roof Plan
   - Downspouts added and called out.
3. A-200 Exterior Elevations
   - Downspouts added and called out.
4. A-201 Exterior Elevations
   - Downspouts added and called out.
5. A-318 Wall Section Details
   - Detail 1 revised to reflect correct rainscreen installation requirements.
6. A-400 Enlarged Plans & Interior Elevations
   - Dimensions adjusted along west wall of Workshop.
7. A-407 Enlarged Plans & Interior Elevations
   - Door tag changed to 104A.
8. A-501 Roof Details
   - Box gutter detail dimensions revised.
9. A-600 Door Schedule
   - Door schedule updated.
   - Door frames updated.
   - Glazing types added.
10. A-601 Door Details
    - Door Head and Door Jamb Metal Stud with EIFS added.
11. A-602 Window Schedule
    - Glazing types added for window M.

END OF ADDENDUM NO. 02

PASSERO
architecture engineering

RFI Report - All

20233530.0002
NGFD - English Road Station
Prepared On: 2/7/2025

RFI ID	Subject	Question	Answer	From	Forwarded To	Received	Date Closed	Total Days	Internal Notes
PRFI-08-MC	Substitute for Snow Melt System	Comfort radiant is no longer in business according to their website for the electric snowmelt on the roof. Can you specify a different brand for the electric snowmelt.		Matthew Englert	Chris Lewis	1/30/2025		9	
PRFI-01-A	PRFI	1. In the plans it calls out that MCDOT will not allow saw cutting of Pavement on Long Pond Rd, but for the installation of the concrete curb at the opening would require saw cutting to have asphalt in front of the curb for installation of the curb. How are we supposed to install the curb without saw cutting in the road? 2. In the Existing Conditions and Demolition plans, there is clearing and grubbing called out to the North and West of the Garage that needs to be demolished. There are trees in that area, was the intent to remove all of the trees? 3. On the demolition plan it calls to remove 2 catch basins in the existing parking lot of the fire dept, is the existing storm piping to be removed as well? The existing piping is not shown on the plans. 4. Next to the fire dept on Long Pond Rd, there is a building that looks to be ready to be demolished and has fencing that needs to be removed with a water service. Is the demolition of that building part of this contract? 5. Will MCWA bill the owner directly for the abandonment of the water services or does the contractor need to carry that amount in the bid? 6. The same question as #5 for the MCWA to excavate and install the TS&V for the new water service? 7. Will the electrical contract be required to install the bollards around the new generator that is to be installed? 8. Who is responsible for the installation of the new gas and electric lines?	1. The curb along Long Pond will need to be cut, parallel to the road, to create the transition and header curb profile. 2. All trees within clearing and grubbing limits to be removed. Existing tree canopies from beyond limits to remain if possible. 3. Piping to be removed. 4. Building will be removed by previous Owner prior to contract start. 5. MCWA will bill the Owner Directly. 6. MCWA will bill the Owner Directly. 7. Yes, Electrical Contractor. 8. Electric Contractor is responsible to coordinate with RGE for Service. Gas Service will be installed by RGE contractor for a quoted amount directly to the Owner.	Joseph Lester	Mike Tubbs; Andrew Burns; Jason Kuberka	11/13/2024	11/18/2024	6	
PRFI-01-GC	Door Hardware	Is a hardware schedule forthcoming on this one? I don't see in the original docs or addendum #1. Addendum #1 reissued the door schedule, but no hardware sets called out.	ADDRESSED IN ADDENDUM 2 Response (Answered) from: Quille Hughes (Passero Associates) Remarks: Addendum #2 will be posted end of day on 2/7/2025 and will include door hardware.	Kurt Van Heusen	Quille Hughes; Paul Lucas	2/5/2025	2/7/2025	3	

RFI ID	Subject	Question	Answer	From	Forwarded To	Received	Date Closed	Total Days	Internal Notes
PRFI-02-A	Civil/Site	1. Please clarify that the Sitework Contractor is only responsible for the dumpsters until the GC contractor starts the project. 2. IS the sitework contractor only required to handle its own survey and layout? No work for other contractors correct? 3. The geotechnical report calls for the removal of the underlying soils from 1.3'-3.5' in the building area, but it sounds like we only need to remove the top 2' of material and install crusher run in its place. Are we to remove the section of soil or are we to remove the 2' of soils? 4. Can Bank Run gravel be used instead of crusher run for the backfill of the 2' below building and hard surface installation? 5. Do the hard surfaces (concrete sidewalk/pads and asphalt pavement) that require fill need to be with crusher run or onsite materials? The onsite materials do not look like they would be workable in the winter months when the sitework will take place.	1. Correct. Reference the Summary of Work for the exact dates. 2. Correct. 3. Removal of unsuitable soil to be per the Geotech report. 4. No 5. All fill needs to be of suitable material per the geotechnical report. On-site material can be used if it is found to be suitable. Schedule Milestones need to be maintained regardless of materials used.	Joseph Lester	Mike Tubbs; Andrew Burns; Jason Kuberka	11/14/2024	11/18/2024	5	
PRFI-02-GC	Door Type	Door Schedule A600 PER ADDENDUM #1 January 30th. Aluminum doors / Frames Door # type D now it call for full view but the style did not change, please confinn no mid rail. Door 106 B calls for door type B flush door, not available in aluminum storefront door, is it a FRP door. Door# 109B calls for a 60 MIN rating door type C. Is that supposed to be H.M. Door with fire glass 1. Door type C vision light is not available in aluminum or is it a FRP rated door. 2. Door#120A, 125B, 126B, 126C all call out for door type C aluminum door, again not available in aluminum door, are they supposed to be FRP or H.M. 3. DOOR # 233 call for type B flush aluminum door, again not available in aluminum storefront door, is that H.M. or FRP. 4. If door types C/ B are supposed to be FRP Please provide specs. 5. Drawing A-200 South elevation note #16 calls out for Metal panel Rain Screen. Elevation shows a pentagon framing of some sort Detail sheet A-318 ON 1 just shows fix wall. 6. Can we get more clarification on what this is please, if panels can we get a detail sheet on how it's supposed to be connected to the w	Door Schedule A600 PER ADDENDUM #1 January 30th. Aluminum doors / Frames 1. Door # type D now it call for full view but the style did not change, please confinn no mid rail. Mid rail is correct, elevation D has 2 lite panels 2. Door 106 B calls for door type B flush door, not available in aluminum storefront door, is it a FRP door. H.M. Door with H.M. frame, refer to revised door schedule. 3. Door# 109B calls for a 60 MIN rating door type C. Is that supposed to be H.M. Door with fire glass. Yes, refer to revised door schedule. 4. Door type C vision light is not available in aluminum or is it a FRP rated door. H.M. or Wood Door, refer to revised door schedule. 5. Door#120A, 125B, 126B, 126C all call out for door type C aluminum door, again not available in aluminum door, are they supposed to be FRP or H.M. H.M. Door, refer to revised door schedule. 6. DOOR # 233 call for type B flush aluminum door, again not available in aluminum storefront door, is that H.M. or FRP. H.M. Door and H.M. Frame 7. If door types C/ B are supposed to be FRP Please provide specs. H.M. or Wood Door used for elevation types B and C, refer to revised door schedule. 8. Drawing A-200 South elevation note #16 calls out for Metal panel Rain Screen. Elevation shows a pentagon framing of some sort Detail sheet A-318 ON 1 just shows fix wall. Refer to revised metal panel specification and detail 1/A-318 for additional mounting installation information.	Kurt Van Heusen	Quille Hughes; Paul Lucas	2/5/2025	2/7/2025	3	
PRFI-03-A	Allowances	I was looking through the bid form and how much is needed to be included for an allowance? Take a look:	Both Allowances are to be carried in the Base Bid as described in Section 00 43 21.	Joseph Lester		11/18/2024	11/18/2024	1	
PRFI-03-GC	Scaccia tile	1. On page A-402 room #110 does not show any elevations for the room at all. 2. According to I-600 finish material legend it states WT-1 and WT-2 being used but interior elevations does not specify which tiles to use where it only shows as "WT".	ADDRESSED IN ADDENDUM 2 Response (Answered) from: David Dangelantonio (Passero Associates) Remarks: 1. On A-402, views 3-6 are typical elevations for Toilet Room 110 & 111. 2. For WT-1 & WT-2, it is a blend / random install, 80% WT-1 & 20% WT-2. See attached rendering.	Kurt Van Heusen	David Dangelantonio	2/5/2025	2/7/2025	3	

RFI ID	Subject	Question	Answer	From	Forwarded To	Received	Date Closed	Total Days	Internal Notes
PRFI-04-BC	Steel, Part I	1) Are Columns A-1, A-2 & A-5 prime painted or galvanized? 2) Does any of the Steel on S104 between Lines 1 and 5, A-C Galvanized? 3) Please confirm Shear Studs are only need on beams with a quantity listed on them, the notes on S-001 do not state they are required when not shown. IF they are required on beams with no count shown please provide a spacing. 4) Please Clarify if HSS5x5 Bolsters are required between all the long span joist on Line 5 and Line 9, section 6/S305 shows it however that is cut through the elevator shaft and no other sections provided show or note them as required. 5) Are Misc. Metals (stairs, railings) part of this bid package or only the structural steel? More information is required if the are to be included. 6) Are Loose Angle Lintels part of this bid package, please provide architectural plans in so. 7) Since this round is just Foundations and Steel is the steel required for bracing masonry walls part of this bid package?	1. Columns A-1, A-2 & A-5 are to be galvanized. 2. No. roof framing can be primed and will be enclosed by the future GC contractor. 3. Refer to beam legend note #3 on each of the framing plans which indicates all beams attached to floor deck (FD#) shown without a stud count shall receive a minimum stud count based on maximum spacing of 12". 4. The HSS5x5 bolsters shall be provided between all long span joists along grid line 5 and 9 as a means for support the bent plate edge of deck and to facilitate the attachment of the bent plate to the structural steel below. Similarly, HSS2-1/2x2-1/2 bolsters shall be provided between all k series joists along grids 1, 3 and 4. 5. Misc. Metals (stairs, railings)are to be provided by the future GC contract. 6. Loose masonry lintels are to be provided by the future GC contract. 7. All above grade masonry walls and bracing for masonry walls are to be provided by the future GC contract.	Jason Spitulnik		1/7/2025	1/7/2025	1	
PRFI-04-GC	Aluminum Doors	Regarding aluminum door #'s (106B, 109B, 120A, 125B, 126B, 126C & 233) should be changed to an FRP door Special Lite series: SL-17.	Refer to revised door schedule.	Tonya Minnamon	Quille Hughes; David Dangelantonio; Paul Lucas	2/6/2025	2/7/2025	2	
PRFI-05-BC	Steel, Part II	1. Can this project bid date be extended? Joist and deck vendors have noted that do to holiday closure the morning of 1/9 is a tough date to get pricing to us by. 2. Is there a Non-Collusive Form to fill out, Bid Form states there is but I do not see one as part of the Specs provided. 3. The 05-12-00 specs state that the Steel Erector must be AISC Certified, can this requirement be waived? Ramar is certified as a fabricator but not as an Erector however we have done numerous project with the Town of Greece, Christa and Passero in the past. Ramar does erect in accordance to AISC practices. There are only a couple certified erectors in the this region. If this is not waived, Ramar will not be able to bid this project being a prime contract. 4. Are there Architectural plans available (we only have structural plans), or can you give me the height and width of the Apparatus Bay OH Doors to price the embed plate sill needed at them (6/S301) and Channel Jambs (12/S301)	1. Yes bid opening will be on 1/16. 2. Non-collusive statement is included on the bid form. 3. Yes, the steel erector AISC certification listed in specification 05 12 00 section 1.05.E may be waived. 4. Yes, architecture floor plans and elevations are provided as part of Addendum #1. The overhead/folding doors are generally 14'-0" x 14'-0".	Jason Spitulnik		1/7/2025	1/7/2025	1	

RFI ID	Subject	Question	Answer	From	Forwarded To	Received	Date Closed	Total Days	Internal Notes
PRFI-06-BC	Foundations	1. Is the waterproofing at elevator pit part of Contract B – Foundations? Please provide specification for this work if part of Contract B – Foundations. 2. Is the Typical Frost Protected Sab as shown on Detail 1/S-503 part of Contract B – Foundations? 3. Are bollards as shown in Detail 4/S-503 part of Contract B – Foundations? 4. Is the Typical Exterior Equipment Pads as shown in Detail 2/S-503 part of Contract B – Foundations? How many and what size are required? 5. Are masonry dowels coming from foundation wall into exterior masonry walls as shown in Detail 4&7/S-301 part of Contract B – Foundations? 6. Are dowels required to match the masonry reinforcing as shown in Detail 10,11&12/S301 at masonry jambs? Are these dowels part of Contract B – Foundations? 7. Are the #5 bars from foundation wall into slab on grade at door openings as shown in Detail 3,5&6/S301 part of Contract B – Foundations?	1. Yes – Spec will be included in Addendum #1. 2. Yes - the frost walls are to be included in Contract B. 3. No – bollards will be provided by future contract. 4. No – equipment pads will be provided by future GC contract. 5. Yes, masonry dowels shall be cast-in-place with foundation wall construction. 6. Yes, all masonry dowels from foundations up into walls or jambs shall match reinforcing of wall above. Include dowels as part of cast-in-place foundation construction. 7. Yes, slab dowels shall be cast-in-place with foundation wall construction.	Kurt Van Heusen		1/7/2025	1/7/2025	1	1. Yes – Spec will be included in Addendum. 2. Yes. 3. No – bollards will be provided by future contract. 4. No – equipment pads will be provided by future GC contract. 5. Yes, masonry dowels shall be cast-in-place with foundation wall construction. 6. Yes, all masonry dowels from foundations up into walls or jambs shall match reinforcing of wall above. Include dowels as part of cast-in-place foundation construction. 7. Yes, slab dowels shall be cast-in-place with foundation wall construction.
PRFI-07-BC	Foundations Scope	1. Will a summary of work be issued for the two packages (foundations & steel) bidding now? I did not see one in the package from your website. 2. Can a copy of the Sitework work bid package previously bid be provided for scope delineation between this package and the ones being bid now? Specifically, I am looking for which contract is responsible for the foundation excavation & backfill, and underslab stone subbase? 3. Is the foundation package responsible for slab on grade? If responsible for this work, please indicate limits of work. Will this package be responsible for any sub slab insulation? 4. Is the foundation package responsible for any unit masonry work? If responsible for this work, please indicate limits of work.	1. Yes, will be issued via Addendum. 2. Yes – sitework bid package will be included in the Addendum. 3. No. All foundation wall insulation is to be included in Contract C. Insulation for the radiant slab will be provided in a future contract. 4. No.	Kurt Van Heusen		1/7/2025	1/7/2025	1	1. Yes, will be issued via Addendum. 2. Yes – sitework bid package will be included in the Addendum. 3. No. All foundation wall insulation is to be included in Contract C. Insulation for the radiant slab will be provided in a future contract. 4. No.
PRFI-09-MC	Contract E RFIs	1. Excavation and backfill are mentioned in multiple contracts. In regard to contract E is any excavation and backfill required? If so, can you please clarify the scope of work for this portion. 2. Will natural gas be available on site for temporary heater hookups or will a temporary propane tank be required?	Excavation and Backfill is the responsibility of each contractor for their own work. Natural Gas will not be available until the building structure is at a point that RGE can install the meter set and turn on service. Not guaranteed for construction operations.	Matthew Englert		2/7/2025	2/7/2025	1	

Total RFIs: **13**

SECTION 08 16 16 - POLYETHYLENE DOORS

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Polyethylene doors.
B. Door frames.
C. Glazing.
D. Door hardware.

1.02 REFERENCE STANDARDS

A. AAMA/WDMA/CSA 101/I.S.2/A440 - North American Fenestration Standard/Specification for Windows, Doors, and Skylights; 2022.
B. ASTM D1308 - Standard Test Method for Effect of Household Chemicals on Clear and Pigmented Coating Systems; 2020.
C. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials; 2023.
D. GANA (GM) - GANA Glazing Manual; 2009.

1.03 SUBMITTALS

A. See Section 01 30 00 - Administrative Requirements for submittal procedures.
B. Product Data: Provide manufacturer's standard details, installation instructions, hardware, and anchor recommendations.
C. Shop Drawings: Indicate layout and profiles; include assembly methods.
    1. Indicate product components, including location of door hardware and reinforcement, preparations, accessories, finish colors, patterns, and textures.
    2. Indicate wall conditions, door and frame elevations, sections, materials, gauges and details of openings. Use same reference numbers indicated on drawings to identify details and openings.
D. Samples: Two each, 10 by 10 inches (254 by 254 mm) in size, indicating finishes, colors, and textures for each finish specified.

1.04 QUALITY ASSURANCE

1.05 DELIVERY, STORAGE, AND HANDLING

A. Mark each door with location, opening number, mark number, type, color, and weight.
B. Protect finished surfaces with wrapping or strippable coating. Do not use adhesive papers or sprayed coatings that bond when exposed to sunlight or weather.
C. Deliver preassembled doors and frames with braces, spreaders, and packaging as required to prevent damage.
D. Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.
E. Store materials in original packaging, under cover, protected from exposure to harmful weather conditions and direct contact with water.
    1. Store at temperature and humidity conditions recommended by manufacturer.
    2. Do not use unvented plastic or canvas shelters.
    3. Immediately remove wet wrappers.
F. Store in position recommended by manufacturer, elevated minimum 4 inches (100 mm) above grade, with minimum 1/4-inch (6 mm) space between doors.

1.06 WARRANTY

A. See Section 01 78 00 - Closeout Submittals for additional warranty requirements.

B. Manufacturer Warranty: Provide 10-year manufacturer warranty against corrosion commencing on date of original shipment. Complete forms in Owner's name and register with manufacturer.
C. Manufacturer Warranty: Provide 1-year manufacturer warranty for defects in workmanship and materials. Complete forms in Owner's name and register with manufacturer.
D. Manufacturer Warranty: Provide 1-year manufacturer warranty for door hardware. Complete forms in Owner's name and register with manufacturer.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Chase Doors, a Division of Senneca Holdings; Durulite CR1400: www.chasedoors.com/#sle.
B. _____.

2.02 DOOR AND FRAME ASSEMBLIES

A. Polyethylene Doors: Factory-fabricated using three-part recycled high-density polyethylene with integral color; with factory-installed glazing, door hardware, flashings, anchorages, attachment devices, and nailing fins.
    1. Configuration: As indicated on drawings.
        a. Product Type: DASHD - Dual-action side-hinged door in accordance with AAMA/WDMA/CSA 101/I.S.2/A440.
    2. Size to fit openings with minimum clearance around perimeter of assembly, providing necessary space for perimeter seals.
    3. Clearance Between Door and Frame: 1/8 inch (3 mm), maximum.
    4. Clearance Between Bottom of Door and Finished Floor: 3/4 inch (19 mm), maximum; not less than 1/4-inch (6 mm) clearance to threshold.

2.03 COMPONENTS

A. Doors:
    1. Thickness: 1-3/4 inches (44 mm), nominal.
    2. Face Sheet: Smooth.
    3. Subframe and Reinforcements: Manufacturer's standard materials.
B. Door Frames: Provide type complying with performance requirements specified for doors.
    1. Material: Fiberglass-reinforced panel.
C. Door and Frame Reinforcement: Manufacturer's standard, as necessary to meet performance requirements.

2.04 HARDWARE

A. Door Hardware:
    1. Door Hinges: Include surface-mounted, aluminum, continuous hinge running length of door panel.
    2. Door Push/Pulls: Stainless Steel Sheet.
B. Finish of Exposed Hardware: Stainless steel, satin finish, unless indicated otherwise for specific door hardware items.

2.05 FABRICATION

A. General Requirements:
    1. Complete fabrication, assembly, finishing, hardware application, and other work for each door unit before shipment to project site.

2. Metal Surfaces: Provide material with smooth, flat surfaces without blemishes for surfaces exposed to view.

B. System Assembly:
1. Construct door and frame assemblies so that edge clearance and placement of installation fasteners allow for expansion and contraction complying with specified performance requirements.
2. Door and Frame Hardware Preparations: Factory reinforce, machine, and prepare for door hardware, including field-installed items. Provide appropriate reinforcement for each item. Do not field cut, drill, or tap. Obtain manufacturer's hardware templates for preparation as necessary.
3. Provide minimum glass edge clearance, nominal edge cover, and nominal pocket width. Comply with GANA (GM) for specified thickness and glass type.

2.06 MATERIALS

A. Polyethylene: Manufacturer's standard polyethylene with additives such as stabilizers, lubricants, impact modifiers, and pigments. Do not use plasticizers.
1. Surface Burning Characteristics: Flame spread index of 25 or less and smoke developed index of 55 or less, when tested in accordance with ASTM E84.
2. Chemical and Stain Resistance: No visible staining or discoloration and no damage to surface texture when tested in accordance with ASTM D1308.

2.07 ACCESSORIES

A. Provide related anchorage and attachment devices as necessary for project applications.

PART 3 EXECUTION

3.01 INSTALLATION

A. Install in accordance with manufacturer's instructions; do not penetrate frames with anchors.
B. Install door hardware according to manufacturer's instructions.
C. Set units plumb, level, and true-to-line, without warping or racking doors and with specified clearances; anchor in place.
D. Repair or replace damaged, installed products.

3.02 TOLERANCES

A. Width and Height of Panel: 1/4 inch (6 mm).
B. Maximum Allowable Deflection: 1/16 inch per 3 feet (1.5 mm/m).
C. Maximum Variation from Level or Plumb: 1/16 inch per 3 feet (1.5 mm/m) noncumulative or 1/2 inch per 100 feet (12 mm/30 m), whichever is less.

3.03 ADJUSTING

A. Lubricate, test, and adjust doors to operate easily without sticking or binding, free from warp, twist, or distortion, and to fit watertight for entire perimeter.
B. Adjust hardware for smooth and quiet operation.

3.04 CLEANING

A. Remove protective material from prefinished surfaces.
B. Wash surfaces by method recommended and acceptable to door manufacturer; rinse and wipe surfaces clean.

END OF SECTION 08 16 16

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SECTION 087100 - DOOR HARDWARE

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes commercial door hardware for the following:

1. Swinging doors.
2. Sliding doors.

B. Door hardware includes, but is not necessarily limited to, the following:

1. Mechanical door hardware.
2. Electromechanical door hardware.

C. Related Sections:

1. Division 06 Section "Rough Carpentry".
2. Division 08 Section "Door Schedule".
3. Division 08 Section "Door Hardware Schedule".
4. Division 08 Section "Hollow Metal Doors and Frames".
5. Division 08 Section "Flush Wood Doors".
6. Division 08 Section "Stile and Rail Wood Doors".
7. Division 08 Section "Aluminum-Framed Entrances and Storefronts".
8. Division 28 Section "Access Control".

D. Codes and References: Comply with the version year adopted by the Authority Having Jurisdiction.

1. ICC/IBC - International Building Code.
2. NFPA 70 - National Electrical Code.
3. NFPA 80 - Fire Doors and Windows.
4. NFPA 105 - Installation of Smoke Door Assemblies.
5. State Building Codes, Local Amendments.

E. Standards: All hardware specified herein shall comply with the following industry standards as applicable. Any undated reference to a standard shall be interpreted as referring to the latest edition of that standard:

1. ANSI/BHMA Certified Product Standards - A156 Series.
2. UL10C - Positive Pressure Fire Tests of Door Assemblies.
3. UL 305 - Panic Hardware.

1.2 SUBMITTALS

A. Product Data: Manufacturer's product data sheets including installation details, material descriptions, dimensions of individual components and profiles, operational descriptions and finishes.

B. Door Hardware Schedule: Prepared by or under the supervision of supplier, detailing, fabrication and assembly of door hardware, as well as procedures and diagrams. Coordinate the final Door Hardware Schedule with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish of door hardware.

1. Format: Comply with scheduling sequence and vertical format in DHI's "Sequence and Format for the Hardware Schedule."
2. Organization: Organize the Door Hardware Schedule into door hardware sets indicating complete designations of every item required for each door or opening. Organize door hardware sets in same order as in the Door Hardware Sets at the end of Part 3. Submittals that do not follow the same format and order as the Door Hardware Sets will be rejected and subject to resubmission.
3. Content: Include the following information:

    a. Type, style, function, size, label, hand, and finish of each door hardware item.
    b. Manufacturer of each item.
    c. Fastenings and other pertinent information.
    d. Location of door hardware set, cross-referenced to Drawings, both on floor plans and in door and frame schedule.
    e. Explanation of abbreviations, symbols, and codes contained in schedule.
    f. Mounting locations for door hardware.
    g. Door and frame sizes and materials.
    h. Warranty information for each product.

4. Submittal Sequence: Submit the final Door Hardware Schedule at earliest possible date, particularly where approval of the Door Hardware Schedule must precede fabrication of other work that is critical in the Project construction schedule. Include Product Data, Samples, Shop Drawings of other work affected by door hardware, and other information essential to the coordinated review of the Door Hardware Schedule.

C. Shop Drawings: Details of electrified access control hardware indicating the following:

1. Wiring Diagrams: Upon receipt of approved schedules, submit detailed system wiring diagrams for power, signaling, monitoring, communication, and control of the access control system electrified hardware. Differentiate between manufacturer-installed and field-installed wiring. Include the following:

    a. Elevation diagram of each unique access controlled opening showing location and interconnection of major system components with respect to their placement in the respective door openings.
    b. Complete (risers, point-to-point) access control system block wiring diagrams.
    c. Wiring instructions for each electronic component scheduled herein.

2. Electrical Coordination: Coordinate with related sections the voltages and wiring details required at electrically controlled and operated hardware openings.

D. Keying Schedule: After a keying meeting with the owner has taken place prepare a separate keying schedule detailing final instructions. Submit the keying schedule in electronic format. Include keying system explanation, door numbers, key set symbols, hardware set numbers and special instructions. Owner must approve submitted keying schedule prior to the ordering of permanent cylinders/cores.

E. Informational Submittals:

1. Product Test Reports: Indicating compliance with cycle testing requirements, based on evaluation of comprehensive tests performed by manufacturer and witnessed by a qualified independent testing agency.

F. Operating and Maintenance Manuals: Provide manufacturers operating and maintenance manuals for each item comprising the complete door hardware installation in quantity as required in Division 01, Closeout Procedures.

1.3 QUALITY ASSURANCE

A. Manufacturers Qualifications: Engage qualified manufacturers with a minimum 5 years of documented experience in producing hardware and equipment similar to that indicated for this Project and that have a proven record of successful in-service performance.

B. Certified Products: Where specified, products must maintain a current listing in the Builders Hardware Manufacturers Association (BHMA) Certified Products Directory (CPD).

C. Installer Qualifications: A minimum 3 years documented experience installing both standard and electrified door hardware similar in material, design, and extent to that indicated for this Project and whose work has resulted in construction with a record of successful in-service performance.

D. Door Hardware Supplier Qualifications: Experienced commercial door hardware distributors with a minimum 5 years documented experience supplying both mechanical and electromechanical hardware installations comparable in material, design, and extent to that indicated for this Project. Supplier recognized as a factory direct distributor by the manufacturers of the primary materials with a warehousing facility in Project's vicinity. Supplier to have on staff a certified Architectural Hardware Consultant (AHC) available during the course of the Work to consult with Contractor, Architect, and Owner concerning both standard and electromechanical door hardware and keying.

E. Source Limitations: Obtain each type and variety of door hardware specified in this section from a single source unless otherwise indicated.

1. Provide electromechanical door hardware from the same manufacturer as mechanical door hardware, unless otherwise indicated.

F. Each unit to bear third party permanent label indicating compliance with the referenced testing standards.

1.4 DELIVERY, STORAGE AND HANDLING

A. Inventory door hardware on receipt and provide secure lock-up and shelving for door hardware delivered to Project site. Do not store electronic access control hardware, software or accessories at Project site without prior authorization.

B. Tag each item or package separately with identification related to the final Door Hardware Schedule, and include basic installation instructions with each item or package.

C. Deliver, as applicable, permanent keys, cylinders, cores, access control credentials, software and related accessories directly to Owner via registered mail or overnight package service. Instructions for delivery to the Owner shall be established at the "Keying Conference".

1.5 COORDINATION

A. Templates: Obtain and distribute to the parties involved templates for doors, frames, and other work specified to be factory prepared for installing standard and electrified hardware. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing hardware to comply with indicated requirements.

B. Door Hardware and Electrical Connections: Coordinate the layout and installation of scheduled electrified door hardware and related access control equipment with required connections to source power junction boxes, low voltage power supplies, detection and monitoring hardware, and fire and detection alarm systems.

C. Door and Frame Preparation: Doors and corresponding frames are to be prepared, reinforced and pre-wired (if applicable) to receive the installation of the specified electrified, monitoring, signaling and access control system hardware without additional in-field modifications.

1.6 WARRANTY

A. General Warranty: Reference Division 01, General Requirements. Special warranties specified in this Article shall not deprive Owner of other rights Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by Contractor under requirements of the Contract Documents.

B. Warranty Period: Written warranty, executed by manufacturer(s), agreeing to repair or replace components of standard and electrified door hardware that fails in materials or workmanship within specified warranty period after final acceptance by the Owner. Failures include, but are not limited to, the following:

1. Structural failures including excessive deflection, cracking, or breakage.
2. Faulty operation of the hardware.

3. Deterioration of metals, metal finishes, and other materials beyond normal weathering.
4. Electrical component defects and failures within the systems operation.

C. Warranty Period: Unless otherwise indicated, warranty shall be one year from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 SCHEDULED DOOR HARDWARE

A. General: Provide door hardware for each door to comply with requirements in Door Hardware Sets and each referenced section that products are to be supplied under.

B. Designations: Requirements for quantity, item, size, finish or color, grade, function, and other distinctive qualities of each type of door hardware are indicated in the Door Hardware Sets at the end of Part 3. Products are identified by using door hardware designations, as follows:

1. Named Manufacturer's Products: Product designation and manufacturer are listed for each door hardware type required for the purpose of establishing requirements. Manufacturers' names are abbreviated in the Door Hardware Schedule.

C. Products furnished, but not installed, under this Section include the following. Coordinating, purchasing, delivering, and scheduling remain requirements of this Section.

1. Permanent cylinders, cores, and keys to be installed by Owner.

D. Substitutions: Requests for substitution and product approval for inclusive mechanical and electromechanical door hardware in compliance with the specifications must be submitted in writing and in accordance with the procedures and time frames outlined in Division 01, Substitution Procedures. Approval of requests is at the discretion of the architect, owner, and their designated consultants.

2.2 BUTT HINGES

A. Hinges: ANSI/BHMA A156.1 butt hinges with number of hinge knuckles and other options as specified in the Door Hardware Sets.

1. Quantity: Provide the following hinge quantity:

a. Two Hinges: For doors with heights up to 60 inches.
b. Three Hinges: For doors with heights 61 to 90 inches.
c. Four Hinges: For doors with heights 91 to 120 inches.
d. For doors with heights more than 120 inches, provide 4 hinges, plus 1 hinge for every 30 inches of door height greater than 120 inches.

2. Hinge Size: Provide the following, unless otherwise indicated, with hinge widths sized for door thickness and clearances required:

    a. Widths up to 3'0": 4-1/2" standard or heavy weight as specified.
    b. Sizes from 3'1" to 4'0": 5" heavy weight only.

3. Hinge Weight and Base Material: Unless otherwise indicated, provide the following:

    a. Exterior Doors: Heavy weight, non-ferrous, ball bearing or oil impregnated bearing hinges unless Hardware Sets indicate standard weight.
    b. Interior Doors: Standard weight, steel, ball bearing or oil impregnated bearing hinges unless Hardware Sets indicate heavy weight.

4. Hinge Options: Comply with the following:

    a. Non-removable Pins: With the exception of electric through wire hinges, provide set screw in hinge barrel that, when tightened into a groove in hinge pin, prevents removal of pin while door is closed; for the all out-swinging lockable doors.

5. Manufacturers:

    a. McKinney (MK) - TA/T4A Series, 5-knuckle.

2.3 CONTINUOUS HINGES

A. Continuous Geared Hinges: ANSI/BHMA A156.26 Grade 1-600 continuous geared hinge. with minimum 0.120-inch thick extruded 6063-T6 aluminum alloy hinge leaves and a minimum overall width of 4 inches. Hinges are non-handed, reversible and fabricated to template screw locations. Factory trim hinges to suit door height and prepare for electrical cut-outs.

1. Where specified, provide modular continuous geared hinges that ship in two or three pieces and form a single continuous hinge upon installation.
2. Manufacturers:.

    a. Pemko (PE).

2.4 SLIDING AND FOLDING HARDWARE

A. Sliding and Folding Door Hardware: Hardware is to be of type and design as specified and should conform with ANSI/BHMA A156.14.

1. Sliding Bi-Passing Pocket Door Hardware: Provide complete sets consisting of track, hangers, stops, bumpers, floor channel, guides, and accessories indicated.
2. Manufacturers:

    a. Pemko (PE).

2.5 POWER TRANSFER DEVICES

A. Concealed Quick Connect Electric Power Transfers: Provide concealed wiring pathway housing mortised into the door and frame for low voltage electrified door hardware. Furnish with Molex™ standardized plug connectors and sufficient number of concealed wires (up to 12) to accommodate the electrified functions specified in the Door Hardware Sets. Connectors plug directly to through-door wiring harnesses for connection to electric locking devices and power supplies. Wire nut connections are not acceptable.

1. Manufacturers:

a. Pemko (PE) - EL-CEPT Series.
b. Securitron (SU) - EL-CEPT Series.

B. Electric Door Wire Harnesses: Provide electric/data transfer wiring harnesses with standardized plug connectors to accommodate up to twelve (12) wires. Connectors plug directly to through-door wiring harnesses for connection to electric locking devices and power supplies. Provide sufficient number and type of concealed wires to accommodate electric function of specified hardware. Provide a connector for through-door electronic locking devices and from hinge to junction box above the opening. Wire nut connections are not acceptable. Determine the length required for each electrified hardware component for the door type, size and construction, minimum of two per electrified opening.

1. Provide one each of the following tools as part of the base bid contract:

a. McKinney (MK) - Electrical Connecting Kit: QC-R001.
b. McKinney (MK) - Connector Hand Tool: QC-R003.

2. Manufacturers:

a. McKinney (MK) - QC-C Series.

2.6 DOOR OPERATING TRIM

A. Flush Bolts and Surface Bolts: Provide products conforming to ANSI/BHMA A156.3 and A156.16, Grade 1.

1. Flush bolts to be furnished with top rod of sufficient length to allow bolt retraction device location approximately six feet from the floor.
2. Furnish dust proof strikes for bottom bolts.
3. Surface bolts to be minimum 8" in length and U.L. listed for labeled fire doors and U.L. listed for windstorm components where applicable.
4. Provide related accessories (mounting brackets, strikes, coordinators, etc.) as required for appropriate installation and operation.
5. Manufacturers:

a. Rockwood (RO).

B. Door Push Plates and Pulls: ANSI/BHMA A156.6 door pushes and pull units of type and design specified in the Hardware Sets. Coordinate and provide proper width and height as required where conflicting hardware dictates.

1. Push/Pull Plates: Minimum .050 inch thick, size as indicated in hardware sets, with beveled edges, secured with exposed screws unless otherwise indicated.
2. Door Pull and Push Bar Design: Size, shape, and material as indicated in the hardware sets. Minimum clearance of 2 1/2-inches from face of door unless otherwise indicated.
3. Fasteners: Provide manufacturer's designated fastener type as indicated in Hardware Sets.
4. Manufacturers:

a. Rockwood (RO).

2.7 CYLINDERS AND KEYING

A. General: Cylinder manufacturer to have minimum (10) years experience designing secured master key systems and have on record a published security keying system policy.

B. Small Format Interchangeable Cores: Provide small format interchangeable cores (SFIC) as specified, core insert, removable by use of a special key; usable with other manufacturers' cylinders.

1. Confirm Owner's requirements.

C. Keying System: Each type of lock and cylinders to be factory keyed.

1. Supplier shall conduct a "Keying Conference" to define and document keying system instructions and requirements.
2. Furnish factory cut, nickel-silver large bow permanently inscribed with a visual key control number as directed by Owner.
3. Existing System: Field verify and key cylinders to match Owner's existing system.

D. Construction Keying: Provide temporary keyed construction cores to suit Owner's format requirements.

2.8 CYLINDRICAL LOCKS AND LATCHING DEVICES

A. Cylindrical Locksets, Grade 1 (Heavy Duty): ANSI/BHMA A156.2, Series 4000, Operational Grade 1 Certified Products Directory (CPD) listed cylindrical locksets. Listed manufacturers shall meet all functions and features as specified herein.

1. Manufacturers:

a. Sargent Manufacturing (SA) - 10X Line.

2.9 CONVENTIONAL EXIT DEVICES

A. General Requirements: All exit devices specified herein shall meet or exceed the following criteria:

1. Exit devices shall have a five-year warranty.
2. At doors not requiring a fire rating, provide devices complying with NFPA 101 and listed and labeled for "Panic Hardware" according to UL305. Provide proper fasteners as required by manufacturer including sex nuts and bolts at openings specified in the Hardware Sets.
3. Where exit devices are required on fire rated doors, provide devices complying with NFPA 80 and with UL labeling indicating "Fire Exit Hardware". Provide devices with the proper fasteners for installation as tested and listed by UL. Consult manufacturer's catalog and template book for specific requirements.
4. Except on fire rated doors, provide exit devices with hex key dogging device to hold the pushbar and latch in a retracted position. Provide optional keyed cylinder dogging on devices where specified in Hardware Sets.
5. Devices must fit flat against the door face with no gap that permits unauthorized dogging of the push bar. The addition of filler strips is required in any case where the door light extends behind the device as in a full glass configuration.
6. Flush End Caps: Provide flush end caps made of architectural metal in the same finish as the devices as in the Hardware Sets. Plastic end caps will not be acceptable.
7. Lever Operating Trim: Where exit devices require lever trim, furnish manufacturer's heavy duty escutcheon trim with threaded studs for thru-bolts.

    a. Lock Trim Design: As indicated in Hardware Sets, provide finishes and designs to match that of the specified locksets.
    b. Where function of exit device requires a cylinder, provide a cylinder (Rim or Mortise) as specified in Hardware Sets.

8. Vertical Rod Exit Devices: Where surface or concealed vertical rod exit devices are used at interior openings, provide as less bottom rod (LBR) unless otherwise indicated. Provide dust proof strikes where thermal pins are required to project into the floor.
9. Narrow Stile Applications: At doors constructed with narrow stiles, or as specified in Hardware Sets, provide devices designed for maximum 2" wide stiles.
10. Dummy Push Bar: Nonfunctioning push bar matching functional push bar.
11. Rail Sizing: Provide exit device rails factory sized for proper door width application.
12. Through Bolt Installation: For exit devices and trim as indicated in Door Hardware Sets.

B. Conventional Push Rail Exit Devices (Heavy Duty): ANSI/BHMA A156.3, Grade 1 Certified Products Directory (CPD) listed exit devices. Listed manufacturers shall meet all functions and features as specified herein.

1. Provide exit devices with functions and features as follows:

    a. Where required by code, provide knurling or abrasive coating on all levers leading to hazardous areas.

b. Meets UL and CUL Standard 10C Positive Pressure, Fire Test of Door Assemblies with levers that meet A117.1 Accessibility Code.
c. No catch points: addition of applied deflectors or other added components are not allowed.
d. No visible plastic.
e. Heavy duty end caps with flush and overlapping options made of stainless steel, brass, or bronze with architectural finishes.
f. Constructed of all stainless steel.
g. Narrow or wide style exterior trim as specified in the hardware sets.
h. Ten-year limited warranty for mechanical features.

2. Manufacturers:

a. Sargent Manufacturing (SA) - PE80 Series.

2.10 DOOR CLOSERS

A. All door closers specified herein shall meet or exceed the following criteria:

1. General: Door closers to be from one manufacturer, matching in design and style, with the same type door preparations and templates regardless of application or spring size. Closers to be non-handed with full sized covers.
2. Standards: Closers to comply with UL-10C for Positive Pressure Fire Test and be U.L. listed for use of fire rated doors.
3. Cycle Testing: Provide closers which have surpassed 15 million cycles.
4. Size of Units: Comply with manufacturer's written recommendations for sizing of door closers depending on size of door, exposure to weather, and anticipated frequency of use. Where closers are indicated for doors required to be accessible to the Americans with Disabilities Act, provide units complying with ANSI ICC/A117.1.
5. Closer Arms: Provide heavy duty, forged steel closer arms unless otherwise indicated in Hardware Sets.
6. Closers shall not be installed on exterior or corridor side of doors; where possible install closers on door for optimum aesthetics.
7. Closer Accessories: Provide door closer accessories including custom templates, special mounting brackets, spacers and drop plates as required for proper installation. Provide through-bolt and security type fasteners as specified in the hardware sets.

B. Door Closers, Surface Mounted (Large Body Cast Iron): ANSI/BHMA A156.4, Grade 1 Certified Products Directory (CPD) listed surface mounted, heavy duty door closers with complete spring power adjustment, sizes 1 thru 6; and fully operational adjustable according to door size, frequency of use, and opening force. Closers to be rack and pinion type, one piece cast iron body construction, with adjustable backcheck and separate non-critical valves for closing sweep and latch speed control.

1. Manufacturers:

a. Sargent Manufacturing (SA) - 281 Series.

2.11 ARCHITECTURAL TRIM

A. Door Protective Trim

1. General: Door protective trim units to be of type and design as specified below or in the Hardware Sets.
2. Size: Fabricate protection plates (kick, armor, or mop) not more than 2" less than door width (LDW) on stop side of single doors and 1" LDW on stop side of pairs of doors, and not more than 1" less than door width on pull side. Coordinate and provide proper width and height as required where conflicting hardware dictates. Height to be as specified in the Hardware Sets.
3. Where plates are applied to fire rated doors with the top of the plate more than 16" above the bottom of the door, provide plates complying with NFPA 80. Consult manufacturer's catalog and template book for specific requirements for size and applications.
4. Protection Plates: ANSI/BHMA A156.6 protection plates (kick, armor, or mop), fabricated from the following:

    a. Stainless Steel: 300 grade, 050-inch thick.

5. Options and fasteners: Provide manufacturer's designated fastener type as specified in the Hardware Sets. Provide countersunk screw holes.
6. Manufacturers:

    a. Rockwood (RO).

2.12 DOOR STOPS AND HOLDERS

A. General: Door stops and holders to be of type and design as specified below or in the Hardware Sets.

B. Door Stops and Bumpers: ANSI/BHMA A156.16, Grade 1 door stops and wall bumpers. Provide wall bumpers, either convex or concave types with anchorage as indicated, unless floor or other types of door stops are specified in Hardware Sets. Do not mount floor stops where they will impede traffic. Where floor or wall bumpers are not appropriate, provide overhead type stops and holders.

1. Manufacturers:

    a. Rockwood (RO).

C. Overhead Door Stops and Holders: ANSI/BHMA A156.8, Grade 1 Certified Products Directory (CPD) listed overhead stops and holders to be surface or concealed types as indicated in Hardware Sets. Track, slide, arm and jamb bracket to be constructed of extruded bronze and shock absorber spring of heavy tempered steel. Provide non-handed design with mounting brackets as required for proper operation and function.

1. Manufacturers:

    a. Norton Rixson (RF).

2.13 ARCHITECTURAL SEALS

A. General: Thresholds, weatherstripping, and gasket seals to be of type and design as specified below or in the Hardware Sets. Provide continuous weatherstrip gasketing on exterior doors and provide smoke, light, or sound gasketing on interior doors where indicated. At exterior applications provide non-corrosive fasteners and elsewhere where indicated.

B. Smoke Labeled Gasketing: Assemblies complying with NFPA 105 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for smoke control ratings indicated, based on testing according to UL 1784.

1. Provide smoke labeled perimeter gasketing at all smoke labeled openings.

C. Fire Labeled Gasketing: Assemblies complying with NFPA 80 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire ratings indicated, based on testing according to UL-10C.

1. Provide intumescent seals as indicated to meet UL10C Standard for Positive Pressure Fire Tests of Door Assemblies, and NFPA 252, Standard Methods of Fire Tests of Door Assemblies.

D. Sound-Rated Gasketing: Assemblies that are listed and labeled by a testing and inspecting agency, for sound ratings indicated.

E. Replaceable Seal Strips: Provide only those units where resilient or flexible seal strips are easily replaceable and readily available from stocks maintained by manufacturer.

F. Manufacturers:

1. Pemko (PE).

2.14 ELECTRONIC ACCESSORIES

A. Door Position Switches: Door position magnetic reed contact switches specifically designed for use in commercial door applications. On recessed models the contact and magnetic housing snap-lock into a 1" diameter hole. Surface mounted models include wide gap distance design complete with armored flex cabling. Provide SPDT, N/O switches with optional Rare Earth Magnet installation on steel doors with flush top channels.

1. Manufacturers:

a. Securitron (SU) - DPS Series.

B. Intelligent Switching Power Supplies: Provide power supplies with single, dual or multi-voltage configurations at 12 and/or 24VDC. Power Supply shall have battery backup function with an integrated battery charging circuit. The power supply shall have a standard, integrated Fire Alarm Interface (FAI). The power supply shall provide capability for secondary voltage, power distribution, direct lock control and network

monitoring through add on modules. The power supply shall be expandable up to 16 individually protected outputs. Output modules shall provide individually protected, continuous outputs and/or individually protected, relay controlled outputs. Network modules shall provide remote monitoring functions such as status reporting, fault reporting and information logging.

1. Provide the least number of units, at the appropriate amperage level, sufficient to exceed the required total draw for the specified electrified hardware and access control equipment.
2. Manufacturers:

    a. Securitron (SU) - AQL Series.

2.15 FABRICATION

A. Fasteners: Provide door hardware manufactured to comply with published templates generally prepared for machine, wood, and sheet metal screws. Provide screws according to manufacturers recognized installation standards for application intended.

2.16 FINISHES

A. Standard: Designations used in the Hardware Sets and elsewhere indicate hardware finishes complying with ANSI/BHMA A156.18, including coordination with traditional U.S. finishes indicated by certain manufacturers for their products.

B. Provide quality of finish, including thickness of plating or coating (if any), composition, hardness, and other qualities complying with manufacturer's standards, but in no case less than specified by referenced standards for the applicable units of hardware

C. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine scheduled openings, with Installer present, for compliance with requirements for installation tolerances, labeled fire door assembly construction, wall and floor construction, and other conditions affecting performance.

B. Notify architect of any discrepancies or conflicts between the door schedule, door types, drawings and scheduled hardware. Proceed only after such discrepancies or conflicts have been resolved in writing.

3.2 PREPARATION

A. Hollow Metal Doors and Frames: Comply with ANSI/DHI A115 series.

B. Wood Doors: Comply with ANSI/DHI A115-W series.

3.3 INSTALLATION

A. Install each item of mechanical and electromechanical hardware and access control equipment to comply with manufacturer's written instructions and according to specifications.

1. Installers are to be trained and certified by the manufacturer on the proper installation and adjustment of fire, life safety, and security products including: hanging devices; locking devices; closing devices; and seals.

B. Mounting Heights: Mount door hardware units at heights indicated in following applicable publications, unless specifically indicated or required to comply with governing regulations:

1. Standard Steel Doors and Frames: DHI's "Recommended Locations for Architectural Hardware for Standard Steel Doors and Frames."
2. DHI TDH-007-20: Installation Guide for Doors and Hardware.
3. Where indicated to comply with accessibility requirements, comply with ANSI A117.1 "Accessibility Guidelines for Buildings and Facilities."
4. Provide blocking in drywall partitions where wall stops or other wall mounted hardware is located.

C. Retrofitting: Install door hardware to comply with manufacturer's published templates and written instructions. Where cutting and fitting are required to install door hardware onto or into surfaces that are later to be painted or finished in another way, coordinate removal, storage, and reinstallation of surface protective trim units with finishing work specified in Division 9 Sections. Do not install surface-mounted items until finishes have been completed on substrates involved.

D. Thresholds: Set thresholds for exterior and acoustical doors in full bed of sealant complying with requirements specified in Division 7 Section "Joint Sealants."

E. Storage: Provide a secure lock up for hardware delivered to the project but not yet installed. Control the handling and installation of hardware items so that the completion of the work will not be delayed by hardware losses before and after installation.

3.4 ADJUSTING

A. Initial Adjustment: Adjust and check each operating item of door hardware and each door to ensure proper operation or function of every unit. Replace units that cannot be adjusted to operate as intended. Adjust door control devices to compensate for final operation of heating and ventilating equipment and to comply with referenced accessibility requirements.

3.5 CLEANING AND PROTECTION

A. Protect all hardware stored on construction site in a covered and dry place. Protect exposed hardware installed on doors during the construction phase. Install any and all hardware at the latest possible time frame.

B. Clean adjacent surfaces soiled by door hardware installation.

C. Clean operating items as necessary to restore proper finish. Provide final protection and maintain conditions that ensure door hardware is without damage or deterioration at time of owner occupancy.

3.6 DEMONSTRATION

A. Instruct Owner's maintenance personnel to adjust, operate, and maintain mechanical and electromechanical door hardware.

3.7 DOOR HARDWARE SETS

A. The hardware sets represent the design intent and direction of the owner and architect. They are a guideline only and should not be considered a detailed hardware schedule. Discrepancies, conflicting hardware and missing items should be brought to the attention of the architect with corrections made prior to the bidding process. Omitted items not included in a hardware set should be scheduled with the appropriate additional hardware required for proper application and functionality.

1. Quantities listed are for each pair of doors, or for each single door.
2. The supplier is responsible for handing and sizing all products.
3. Where multiple options for a piece of hardware are given in a single line item, the supplier shall provide the appropriate application for the opening.

B. Refer to Section 080671, Door Hardware Sets, for hardware sets.

END OF SECTION 08 71 00

SECTION 08 71 06 – DOOR HARDWARE SCHEDULE

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 SUMMARY

A. This Section references specification sections relating to commercial door hardware for the following:

1. Swinging doors.
2. Other doors to the extent indicated.

B. Commercial door hardware includes, but is not necessarily limited to, the following:

1. Mechanical door hardware.
2. Electromechanical and access control door hardware.
3. Electromechanical and access control door hardware power supplies, back-ups and surge protection.
4. Automatic operators.
5. Cylinders specified for doors in other sections.

C. Related Sections:

1. Division 08 Section "Door Hardware".
2. Division 26 Section "Electrical".
3. Division 28 Section "Access Control".

D. Codes and References: Comply with the version year adopted by the Authority Having Jurisdiction.

1. ANSI A117.1 - Accessible and Usable Buildings and Facilities.
2. ICC/IBC - International Building Code.
3. NFPA 70 - National Electrical Code.
4. NFPA 80 - Fire Doors and Windows.
5. NFPA 101 - Life Safety Code.
6. NFPA 105 - Installation of Smoke Door Assemblies.
7. State Building Codes, Local Amendments.

E. Standards: Reference Related Sections for requirements regarding compliance with applicable industry standards.

1.3 SUBMITTALS

A. Product Data: Manufacturer's product data sheets including installation details, material descriptions, dimensions of individual components and profiles, operational descriptions and finishes.

B. Door Hardware Schedule: Prepared by or under the supervision of supplier, detailing fabrication and assembly of door hardware, as well as procedures and diagrams. Coordinate the final Door Hardware Schedule with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish of door hardware.

1. Format: Comply with scheduling sequence and vertical format in DHI's "Sequence and Format for the Hardware Schedule."

2. Organization: Organize the Door Hardware Schedule into door hardware sets indicating complete designations of every item required for each door or opening. Organize door hardware sets in same order as in the Door Hardware Sets at the end of Part 3. Submittals that do not follow the same format and order as the Door Hardware Sets will be rejected and subject to resubmission.

3. Content: Include the following information:

a. Type, style, function, size, label, hand, and finish of each door hardware item.
b. Manufacturer of each item.
c. Fastenings and other pertinent information.
d. Location of door hardware set, cross-referenced to Drawings, both on floor plans and in door and frame schedule.
e. Explanation of abbreviations, symbols, and codes contained in schedule.
f. Mounting locations for door hardware.
g. Door and frame sizes and materials.

4. Submittal Sequence: Submit the final Door Hardware Schedule at earliest possible date, particularly where approval of the Door Hardware Schedule must precede fabrication of other work that is critical in the Project construction schedule. Include Product Data, Samples, Shop Drawings of other work affected by door hardware, and other information essential to the coordinated review of the Door Hardware Schedule.

C. Keying Schedule: Prepared under the supervision of the Owner, separate schedule detailing final keying instructions for locksets and cylinders in writing. Include keying system explanation, door numbers, key set symbols, hardware set numbers and special instructions. Owner to approve submitted keying schedule prior to the ordering of permanent cylinders.

D. Product Test Reports: Indicating compliance with cycle testing requirements, based on evaluation of comprehensive tests performed by manufacturer and witnessed by a qualified independent testing agency.

E. Operating and Maintenance Manuals: Provide manufacturers operating and maintenance manuals for each item comprising the complete door hardware installation in quantity as required in Division 01, Closeout Submittals. The manual to include the name, address, and contact information of the manufacturers providing the hardware and their nearest service representatives. The final copies delivered after completion of the installation test to include "as built" modifications made during installation, checkout, and acceptance.

F. Warranties and Maintenance: Special warranties and maintenance agreements specified in the Related Sections.

1.4 DELIVERY, STORAGE, AND HANDLING

A. Inventory door hardware on receipt and provide secure lock-up and shelving for door hardware delivered to Project site. Do not store electronic access control hardware, software or accessories at Project site without prior authorization.

B. Tag each item or package separately with identification related to the final Door Hardware Schedule, and include basic installation instructions with each item or package.

C. Deliver, as applicable, permanent keys, cylinders, cores, access control credentials, software and related accessories directly to Owner via registered mail or overnight package service. Instructions for delivery to the Owner shall be established at the "Keying Conference".

1.5 WARRANTY

A. General Warranty: Reference Division 01, General Requirements. Special warranties specified in this Article shall not deprive Owner of other rights Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by Contractor under requirements of the Contract Documents.

1.6 MAINTENANCE SERVICE

A. Maintenance Tools and Instructions: Furnish a complete set of specialized tools and maintenance instructions as needed for Owner's continued adjustment, maintenance, and removal and replacement of door hardware.

PART 2 - PRODUCTS

2.1 SCHEDULED DOOR HARDWARE

A. Refer to “PART 3 – EXECUTION” for required specification sections.

PART 3 - EXECUTION

3.1 DOOR HARDWARE SETS

A. The door hardware sets represent the design intent and direction of the owner and architect. They are a guideline only and should not be considered a detailed hardware schedule. Discrepancies, conflicting hardware and missing items should be brought to the attention of the architect with corrections made prior to the bidding process. Omitted items not included in a hardware set should be scheduled with the appropriate additional hardware required for proper application and functionality.

1. Quantities listed are for each pair of doors, or for each single door.

2. The supplier is responsible for handing and sizing all products.

3. Where multiple options for a piece of hardware are given in a single line item, the supplier shall provide the appropriate application for the opening.

B. Products listed in the hardware sets shall be supplied by and in accordance with the requirements described in the specification section as noted for each item.

1. Section 08 71 00 – Door Hardware.
2. Section 28 13 00 – Access Control.

C. Manufacturer's Abbreviations:

1. MK - McKinney
2. PE - Pemko
3. SU - Securitron
4. RO - Rockwood
5. SA - SARGENT
6. BE - BEST Locks & Closers
7. HS - HES
8. RF - Rixson
9. BM - Besam
10. OT - Other
11. RU - Corbin Russwin

Hardware Sets

Set: 1.0

Doors: 100, 126A
Exterior, access control, aluminum

1 Continuous Hinge	CFMxxSLF-HD1-M PT		PE	087100	
1 Rim Exit Device, Storeroom	72 16 PE8804F 36''w NEL 649 KA	US32D	SA	087100	⚡
1 Electric Strikes	9600-12/24D-630	630	HES	087100	⚡
1 Permanent Core	Yale – to be confirmed w/ owner	626	BE	087100	
1 Mortise Cylinder	1E-7-4-C4-R702	626	BE	087100	
1 Surface Closer	281 CPS	EP	SA	087100	
1 Kit	581-2	EN	SA	087100	
1 Sweep	3452CNB TKSP		PE	087100	
1 Threshold	2009APK FHSL14SS-2		PE	087100	
1 Card Reader	By Security System Supplier		OT	281300	⚡
1 ElectroLynx Harness - Frame	QC-C1500P		MK	087100	⚡
1 ElectroLynx Harness - Door	QC-CXXX (Size as Required)		MK	087100	⚡
1 Wiring Diagram	WD-SYSPK		SA	087100	
1 Position Switch	DPS-x-x		SU	087100	⚡
1 Power Supply	AQL4-R8E1		SU	087100	⚡

Notes: PERIMETER GASKETING SHALL BE PROVIDED BY ALUMINUM DOOR/ FRAME MANUFACTURER.

Set: 2.0

Doors: 120A
Exterior, access control, hold open, aluminum

1 Continuous Hinge	CFMxxSLF-HD1-M PT		PE	087100	
1 Rim Exit Device, Storeroom	72 16 PE8804F 36''w NEL 649 KA	US32D	SA	087100	⚡
1 Electric Strikes	9600-12/24D-630	630	HES	087100	⚡
1 Permanent Core	Yale – to be confirmed w/ owner	626	BE	087100	
1 Mortise Cylinder	1E-7-4-C4-R702	626	BE	087100	
1 Surface Closer	281 CPSH	EP	SA	087100	
1 Kit	581-2	EN	SA	087100	
1 Sweep	3452CNB TKSP		PE	087100	
1 Threshold	2009APK FHSL14SS-2		PE	087100	

1 Card Reader	By Security System Supplier		OT	281300	
1 ElectroLynx Harness - Frame	QC-C1500P		MK	087100	
1 ElectroLynx Harness - Door	QC-CXXX (Size as Required)		MK	087100	
1 Wiring Diagram	WD-SYSPK		SA	087100	
1 Position Switch	DPS-x-x		SU	087100	
1 Power Supply	AQL4-R8E1		SU	087100	

Notes: PERIMETER GASKETING SHALL BE PROVIDED BY ALUMINUM DOOR/ FRAME MANUFACTURER.

Set: 3.0

Doors: 125B, 126B, 126C
Exterior, access control, hollow metal

1 Continuous Hinge	CFMxxSLF-HD1-M PT		PE	087100	
1 Rim Exit Device, Storeroom	72 16 PE8804F 36''w NEL 649 KA	US32D	SA	087100	
1 Electric Strikes	1600CS-12/24D-630	630	HES	087100	
1 Permanent Core	Yale – to be confirmed w/ owner	626	BE	087100	
1 Mortise Cylinder	1E-7-4-C4-R702	626	BE	087100	
1 Surface Closer	281 CPS	EP	SA	087100	
1 Kit	581-2	EN	SA	087100	
1 Sweep	3452CNB TKSP		PE	087100	
1 Threshold	2009APK FHSL14SS-2		PE	087100	
1 Gasketing	2891APK x 290APK TKSP		PE		
1 Rain Guard	346C TKSP		PE		
1 Card Reader	By Security System Supplier		OT	281300	
1 ElectroLynx Harness - Frame	QC-C1500P		MK	087100	
1 ElectroLynx Harness - Door	QC-CXXX (Size as Required)		MK	087100	
1 Wiring Diagram	WD-SYSPK		SA	087100	
1 Position Switch	DPS-x-x		SU	087100	
1 Power Supply	AQL4-R8E1		SU	087100	

Set: 4.0

Doors: 109B
Exterior, exit only, hollow metal

1 Continuous Hinge	CFMxxSLF-HD1-M PT		PE	087100	
1 Rim Exit Device	12 PE8810F 36''w 649	US32D	SA	087100	

1 Surface Closer	281 CPS	EP	SA	087100
1 Kit	581-2	EN	SA	087100
1 Sweep	3452CNB TKSP		PE	087100
1 Threshold	2009APK FHSL14SS-2		PE	087100
1 Gasketing	2891APK x 290APK TKSP		PE	
1 Rain Guard	346C TKSP		PE	

Set: 5.0

Doors: 106B
Exterior, egress, hollow metal

1 Continuous Hinge	CFMxxSLF-HD1-M PT		PE	087100
1 Rim Exit Device, Storeroom	72 16 PE8804F 36''w NEL 649 KA	US32D	SA	087100
1 Permanent Core	Yale – to be confirmed w/ owner	626	BE	087100
1 Mortise Cylinder	1E-7-4-C4-R702	626	BE	087100
1 Surface Closer	281 CPS	EP	SA	087100
1 Kit	581-2	EN	SA	087100
1 Sweep	3452CNB TKSP		PE	087100
1 Threshold	2009APK FHSL14SS-2		PE	087100
1 Gasketing	2891APK x 290APK TKSP		PE	
1 Rain Guard	346C TKSP		PE	

Set: 6.0

Doors: 233
Exterior utility access, passage

1 Continuous Hinge	CFM83HD1-M		PE	087100
1 Passage Latch	10XU15 LL	US26D	SA	087100
1 Surface Closer	281 CPS	EN	SA	087100
1 Gasketing	2891APK x 290APK TKSP		PE	087100
1 Rain Guard	346C TKSP		PE	087100
1 Sweep	3452CNB TKSP		PE	087100
1 Threshold	25_x_AFG FHSL14SS-2		PE	087100

Set: 7.0

Doors: 117, 120B, 120C, 210
Interior, access control, egress, gasketing

3 Hinge, Full Mortise, Hvy Wt	T4A3786	US26D	MK	087100	
1 Rim Exit Device, Storeroom	72 16 PE8804F 36''w NEL 649 KA	US32D	SA	087100	⚡
1 Electric Strikes	1600CS	630	HES	087100	⚡
1 Permanent Core	Yale – to be confirmed w/ owner	626	BE	087100	
1 Mortise Cylinder	1E-7-4-C4-R702	626	BE	087100	
1 Surface Closer	281 CPS	EP	SA	087100	
1 Kit	581-2	EN	SA	087100	
1 Sweep	3452CNB TKSP		PE	087100	
1 Threshold	2009APK FHSL14SS-2		PE	087100	
1 Gasketing	S88		PE	087100	
1 Card Reader	By Security System Supplier		OT	281300	⚡
1 ElectroLynx Harness - Frame	QC-C1500P		MK	087100	⚡
1 ElectroLynx Harness - Door	QC-CXXX (Size as Required)		MK	087100	⚡
1 Wiring Diagram	WD-SYSPK		SA	087100	
1 Position Switch	DPS-x-x		SU	087100	⚡
1 Power Supply	AQL4-R8E1		SU	087100	⚡

Set: 8.0

Doors: 101
Interior, access control, egress

3 Hinge, Full Mortise, Hvy Wt	T4A3786	US26D	MK	087100	
1 Rim Exit Device, Storeroom	72 PE8804F 36''w NEL 649 KA	US32D	SA	087100	⚡
1 Electric Strikes	1600CS	630	HES	087100	⚡
1 Permanent Core	Yale – to be confirmed w/ owner	626	BE	087100	
1 Mortise Cylinder	1E-7-4-C4-R702	626	BE	087100	
1 Surface Closer	281 CPS	EP	SA	087100	
1 Kit	581-2	EN	SA	087100	
1 Card Reader	By Security System Supplier		OT	281300	⚡
1 ElectroLynx Harness - Frame	QC-C1500P		MK	087100	⚡
1 ElectroLynx Harness - Door	QC-CXXX (Size as Required)		MK	087100	⚡
1 Wiring Diagram	WD-SYSPK		SA	087100	
1 Position Switch	DPS-x-x		SU	087100	⚡
1 Power Supply	AQL4-R8E1		SU	087100	⚡
1 Wall Stop	407	US26D	RO	087100	

Set: 9.0

Doors: 209, 215
Interior, access control, egress, rated

3 Hinge, Full Mortise, Hvy Wt	T4A3786	US26D	MK	087100	
1 Rim Exit Device, Storeroom	12 72 PE8804F 36''w NEL 649 KA	US32D	SA	087100	⚡
1 Electric Strikes	1600CS	630	HES	087100	⚡
1 Permanent Core	Yale – to be confirmed w/ owner	626	BE	087100	
1 Mortise Cylinder	1E-7-4-C4-R702	626	BE	087100	
1 Surface Closer	281 CPS	EP	SA	087100	
1 Kit	581-2	EN	SA	087100	
1 Card Reader	By Security System Supplier		OT	281300	⚡
1 ElectroLynx Harness - Frame	QC-C1500P		MK	087100	⚡
1 ElectroLynx Harness - Door	QC-CXXX (Size as Required)		MK	087100	⚡
1 Wiring Diagram	WD-SYSPK		SA	087100	
1 Position Switch	DPS-x-x		SU	087100	⚡
1 Power Supply	AQL4-R8E1		SU	087100	⚡
1 Wall Stop	407	US26D	RO	087100	

Set: 10.0

Doors: 216
Interior, access control

3 Hinge, Full Mortise, Hvy Wt	T4A3786	US26D	MK	087100	
1 Storeroom/Closet Lock	72 10XG04 LL	US26D	SA	087100	
1 Permanent Core	Yale – to be confirmed w/ owner	626	BE	087100	
1 SMART Pac Bridge Rectifier	2005M3		HS	087100	⚡
1 Electric Strike	1600-CS	613E	HS	087100	⚡
1 Surface Closer	281 P10 / O10	EN	SA	087100	
1 Card Reader	By Security System Supplier		OT	281300	⚡
1 ElectroLynx Harness - Frame	QC-C1500P		MK	087100	⚡
1 Power Supply	AQL4-R8E1		SU	087100	⚡
1 Wall Stop	407	US26D	RO	087100	

Set: 11.0

Doors: 112, 116A, 116B, 217
Interior, access control, hold opens

3	Hinge, Full Mortise, Hvy Wt	T4A3786	US26D	MK	087100
1	Storeroom/Closet Lock	72 10XG04 LL	US26D	SA	087100
1	Permanent Core	Yale – to be confirmed w/ owner	626	BE	087100
1	SMART Pac Bridge Rectifier	2005M3		HS	087100
1	Electric Strike	1600-CS	613E	HS	087100
1	Surface Closer	281 PH10 / H10	EN	SA	087100
1	Card Reader	By Security System Supplier		OT	281300
1	ElectroLynx Harness - Frame	QC-C1500P		MK	087100
1	Power Supply	AQL4-R8E1		SU	087100
1	Wall Stop	407	US26D	RO	087100

Set: 12.0

Doors: 109A
Interior, egress, rated

3	Hinge, Full Mortise, Hvy Wt	T4A3786	US26D	MK	087100
1	Rim Exit Device	12 PE8828 NEL 642	US32D	SA	087100
1	Surface Closer	281 CPS	EP	SA	087100
1	Kit	581-2	EN	SA	087100
1	Mop Plate	K1050 6" CSK BEV	US10B	RO	087100
1	Wall Stop	407	US26D	RO	087100

Set: 13.0

Doors: 110, 111, 122, 206, 207, 211, 212, 219
Interior, privacy, closer

3	Hinge, Full Mortise	TA2714	US26D	MK	087100
1	Privacy Latch	10XU66 LL	US26D	SA	087100
1	Surface Closer	281 P10 / O10	EN	SA	087100
1	Wall Stop	407	US26D	RO	087100

Set: 14.0

Doors: 104A, 220
Interior, passage

3 Hinge, Full Mortise	TA2714	US26D	MK	087100
1 Passage Latch	10XU15 LL	US26D	SA	087100
1 Wall Stop	407	US26D	RO	087100

Set: 15.0

Doors: 221
Interior, passage, closer

3 Hinge, Full Mortise	TA2714	US26D	MK	087100
1 Passage Latch	10XU15 LL	US26D	SA	087100
1 Surface Closer	281 P10 / O10	EN	SA	087100
1 Wall Stop	407	US26D	RO	087100

Set: 16.0

Doors: 103, 105, 106A, 113A, 123
Interior, passage, mop plate

3 Hinge, Full Mortise	TA2714	US26D	MK	087100
1 Passage Latch	10XU15 LL	US26D	SA	087100
1 Mop Plate	K1050 6" CSK BEV	US10B	RO	087100
1 Wall Stop	407	US26D	RO	087100

Set: 17.0

Doors: 213
Interior, passage, closer, mop plate

3 Hinge, Full Mortise	TA2714	US26D	MK	087100
1 Passage Latch	10XU15 LL	US26D	SA	087100
1 Surface Closer	281 P10 / O10	EN	SA	087100
1 Mop Plate	K1050 6" CSK BEV	US10B	RO	087100
1 Wall Stop	407	US26D	RO	087100

Set: 18.0

Doors: 201, 202, 203, 204, 205, 218
Interior, passage, closer, gasketing

3 Hinge, Full Mortise	TA2714	US26D	MK	087100
1 Passage Latch	10XU15 LL	US26D	SA	087100
1 Gasketing	S88		PE	087100
1 Surface Closer	281 P10 / O10	EN	SA	087100
1 Wall Stop	407	US26D	RO	087100

Set: 19.0

Doors: 108, 223
Interior, passage, closer, hold open

3 Hinge, Full Mortise	TA2714	US26D	MK	087100
1 Passage Latch	10XU15 LL	US26D	SA	087100
1 Surface Closer	281 PH10 / O10	EN	SA	087100
1 Wall Stop	407	US26D	RO	087100

Set: 20.0

Doors: 125A, 125C, 226
Double Doors

6 Hinge, Full Mortise	TA2714	US26D	MK	087100
2 Flush Bolt	555	US26D	RO	087100
2 Dust Proof Strike	570	US26D	RO	087100
1 Passage Latch	10XU15 LL	US26D	SA	087100
2 Wall Stop	407	US26D	RO	087100

Set: 21.0

Doors: 104, 121
Interior, egress, closer, hold open

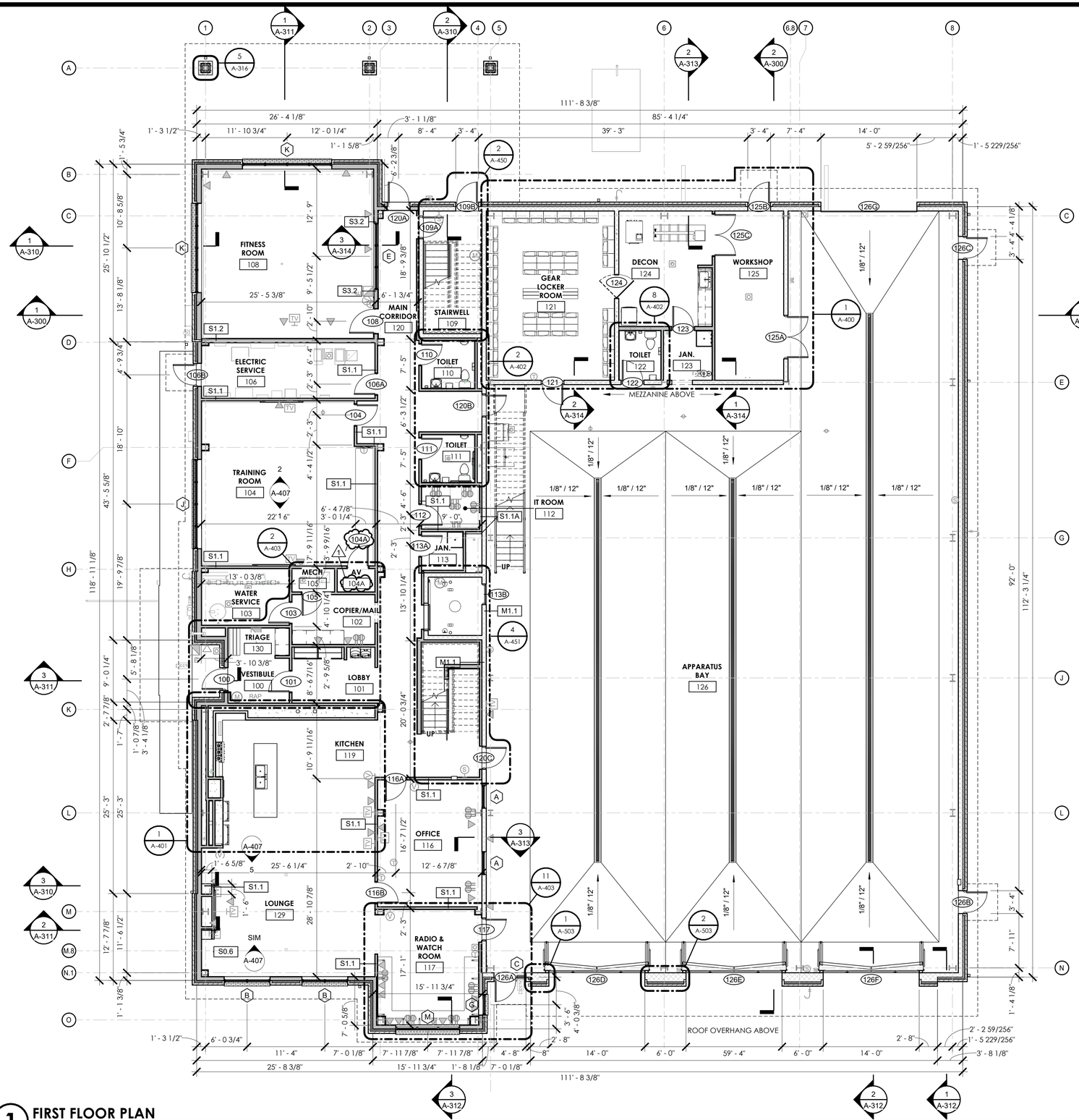
3 Hinge, Full Mortise	TA2714	US26D	MK	087100
1 Rim Exit Device	PE8828 NEL 642	US32D	SA	087100
1 Surface Closer	281 PH10 / O10	EN	SA	087100
1 Wall Stop	407	US26D	RO	087100

Set: 22.0

Doors: 113B, 208
Interior, storeroom

3 Hinge, Full Mortise	TA2714	US26D	MK	087100
1 Storeroom/Closet Lock	72 10XG04 LL	US26D	SA	087100
1 Permanent Core	Yale – to be confirmed w/ owner	626	BE	087100
1 Wall Stop	407	US26D	RO	087100

END OF SECTION 08 06 71



1 FIRST FLOOR PLAN

0' 2' 4' 8' 16'

1/8" = 1'-0"

FLOOR PLAN GENERAL NOTES:

- REFER TO SHEET G-001 FOR WALL TYPES
- DIMENSION STYLES
  - METAL STUD WALLS (INTERIOR) ARE DIMENSIONED TO CENTER OF STUD. METAL STUD WALLS (EXTERIOR) ARE DIMENSIONED TO FACE OF STUD.
  - MASONRY WALLS ARE DIMENSIONED TO FACE OF MASONRY.
- THE CONTRACTOR SHALL REVIEW ALL DIMENSIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
- PROVIDE BLOCKING AT ALL TV/MONITOR AND FUTURE TV/MONITOR LOCATIONS. REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS.
- ALL WORK COMPLETED AS PART OF THIS PROJECT SHALL MEET ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES, AND SHALL MEET THE REQUIREMENTS OF THE OWNER AND LOCAL JURISDICTION.
- ALL PENETRATIONS THROUGH RATED ASSEMBLIES SHALL BE SEALED IN ACCORDANCE WITH THE LATEST EDITION OF THE NYS BUILDING CODE.
- COMBUSTIBLE MATERIALS ARE NOT PERMITTED IN CONCEALED SPACES UNLESS ALLOWED BY EXCEPTION IN THE NYS BUILDING CODE.
- ALL MATERIALS INSTALLED IN CONTACT WITH THE WEATHER BARRIER SHALL BE REVIEWED FOR COMPATIBILITY BY TH EMANUFACTURER PRIOR TO SUBMITTAL. ALL SUCH SUBMITTALS SHALL INCLUDE MANUFACTURER'S CERTIFICATE OF COMPATIBILITY.
- ALL INTERIOR COLUMNS ARE TO BE WRAPPED WITH 1/4" METAL FURRING AND 5/8" GYP. BD. U.N.O.

BID SET

PASSERO ASSOCIATES
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ECAB engineering, p.c.

STAMP:

CLIENT:
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1766 LATTA RD
ROCHESTER, NY 14612

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(585) 325-1000
FAX: (585) 325-1691

PROJECT MANAGER — TIM GEIER
PROJECT ARCHITECT — TIM GEIER
DESIGNER — QUILLE HUGHES

NO.	DATE	BY	DESCRIPTION
1	02/07/25	QH	ADDENDUM 2

FIRST FLOOR PLAN

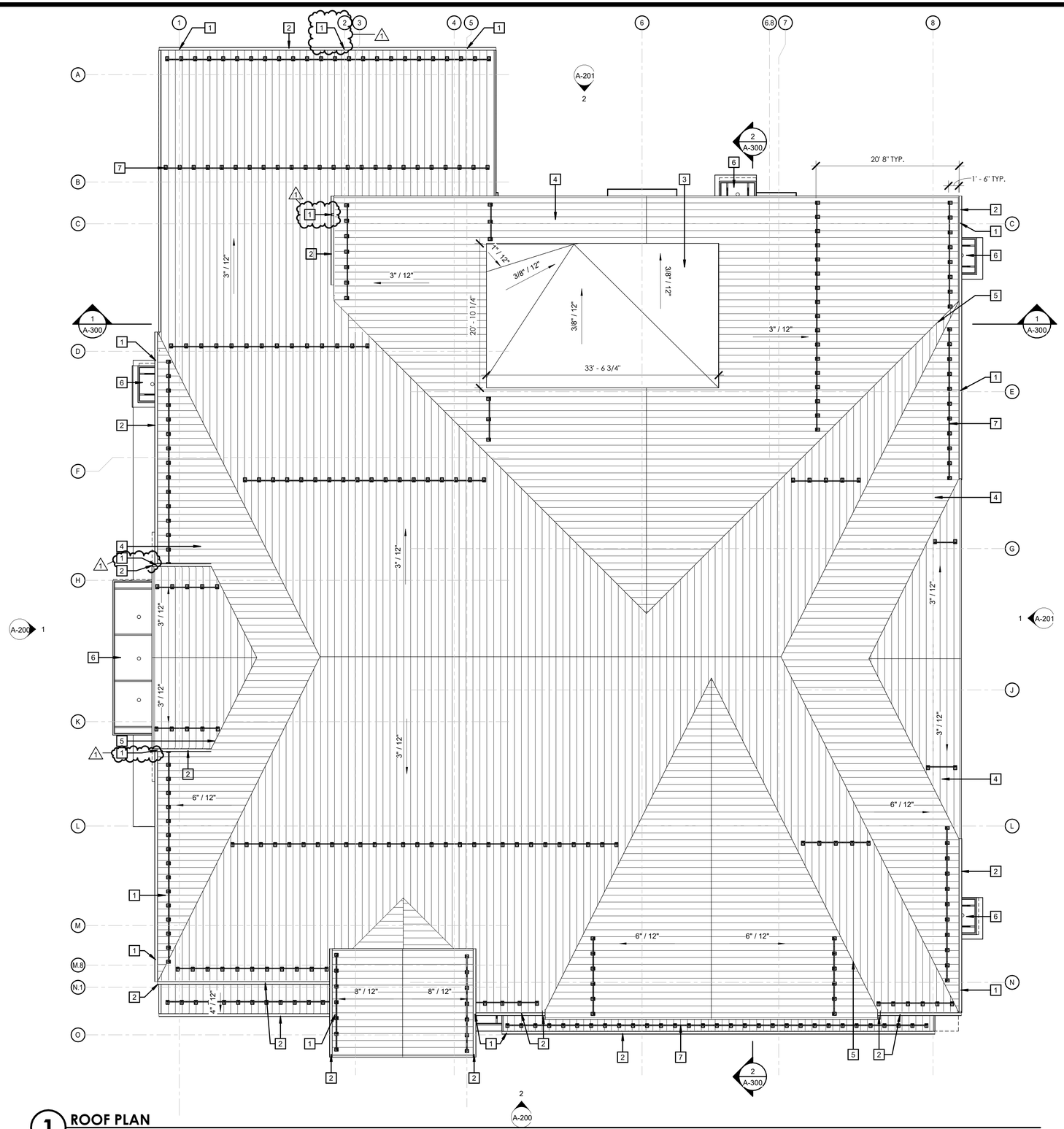
1816 ENGLISH RD

NGFD - ENGLISH ROAD STATION
TOWN/CITY: GREECE
COUNTY: MONROE STATE: NY

PROJECT NO.: 20233530.0001

DRAWING NO.: A-100

DATE: JANUARY 22, 2025



ROOF PLAN

1/8" = 1'-0"

ROOF PLAN GENERAL NOTES:

- REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION ON ITEMS PENETRATING THE ROOF. ALL PENETRATING ELEMENTS SHALL BE PROPERLY FLASHED AND COORDINATED WITH THE ROOF CONSTRUCTION PER THE MANUFACTURERS RECOMMENDATIONS. LOCATE PLUMBING VENTS OUT OF VIEW WHERE POSSIBLE.
- COORDINATE COLOR OF ALL ROOF VENTS, FLASHING, AND PREFINISHED ACCESSORIES WITH ARCHITECT.
- PROVIDE ROOF MEMBRANE APPROVED ROOFTOP WALK PADS AROUND THE PERIMETER OF EACH MECHANICAL UNIT, ROOF ACCESS, AND OTHER ITEMS REQUIRING PERIODIC SERVICING EXTENDING A MINIMUM OF 30" OUT. PROVIDE A 30" WIDE CONTINUOUS WALK PAD PATH FROM ROOF ACCESS TO EACH WALK PAD PROTECTED AREA.
- ALL MATERIALS TO BE INSTALLED IN CONTACT WITH THE WEATHER BARRIER SHALL BE REVIEWED FOR COMPATIBILITY BY THE MANUFACTURER PRIOR TO SUBMITTAL. ALL SUCH SUBMITTALS SHALL INCLUDE MANUFACTURER'S CERTIFICATE OF COMPATIBILITY.

KEYNOTES - ROOF PLAN [0]

1	DOWNSPOUT
2	METAL GUTTER
3	TAPERED INSULATION
4	STANDING SEAM METAL ROOF
5	METAL VALLEY FLASHING - TYP.
6	CANOPY METAL ROOF
7	SNOW GUARD
8	WALK PAD
9	SCUPPER
10	FIRE TREATED PLYWOOD SHEATHING
11	DELEGATED DESIGN - TRUSS SYSTEM ABOVE ATTIC

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PROJECT MANAGER — TIM GEIER
PROJECT ARCHITECT — TIM GEIER
DESIGNER — QUILLE HUGHES

NO.	DATE	BY	DESCRIPTION
1	02/07/25	QH	ADDENDUM 2

ROOF PLAN

1816 ENGLISH RD

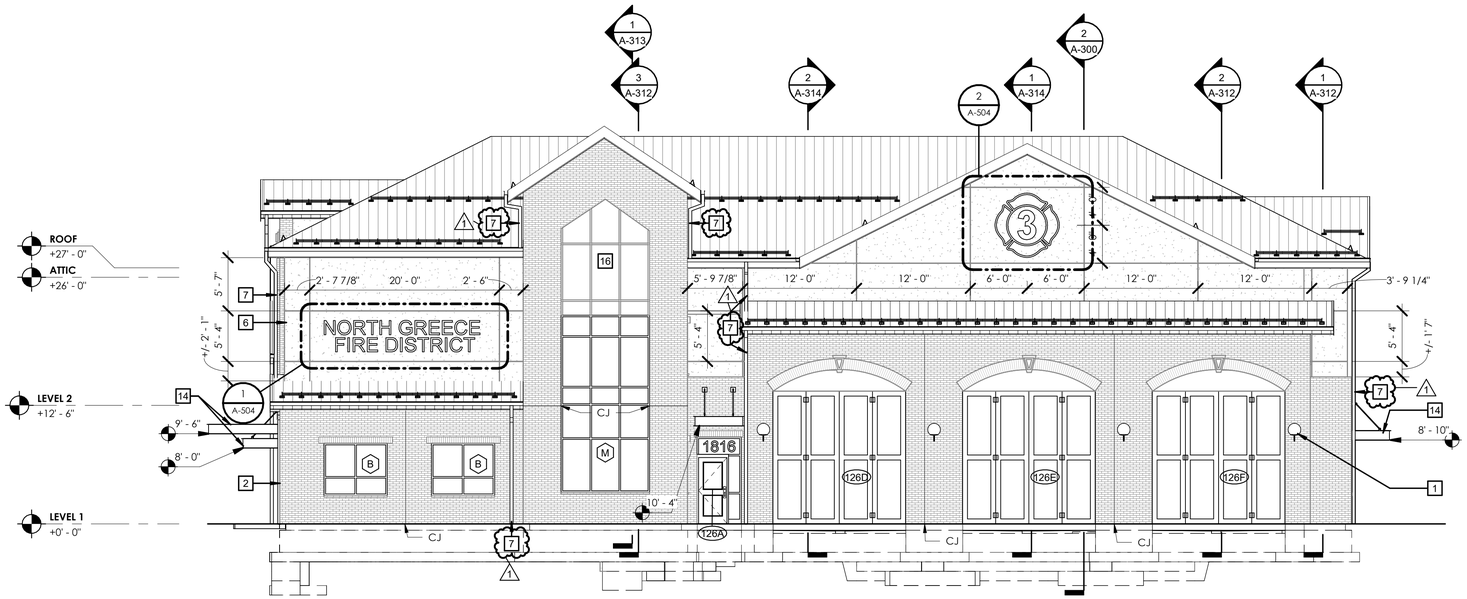
NGFD - ENGLISH ROAD STATION
TOWN/CITY: GREECE
COUNTY: MONROE
STATE: NY

PROJECT NO.: 20233530.0001

DRAWING NO.: A-103

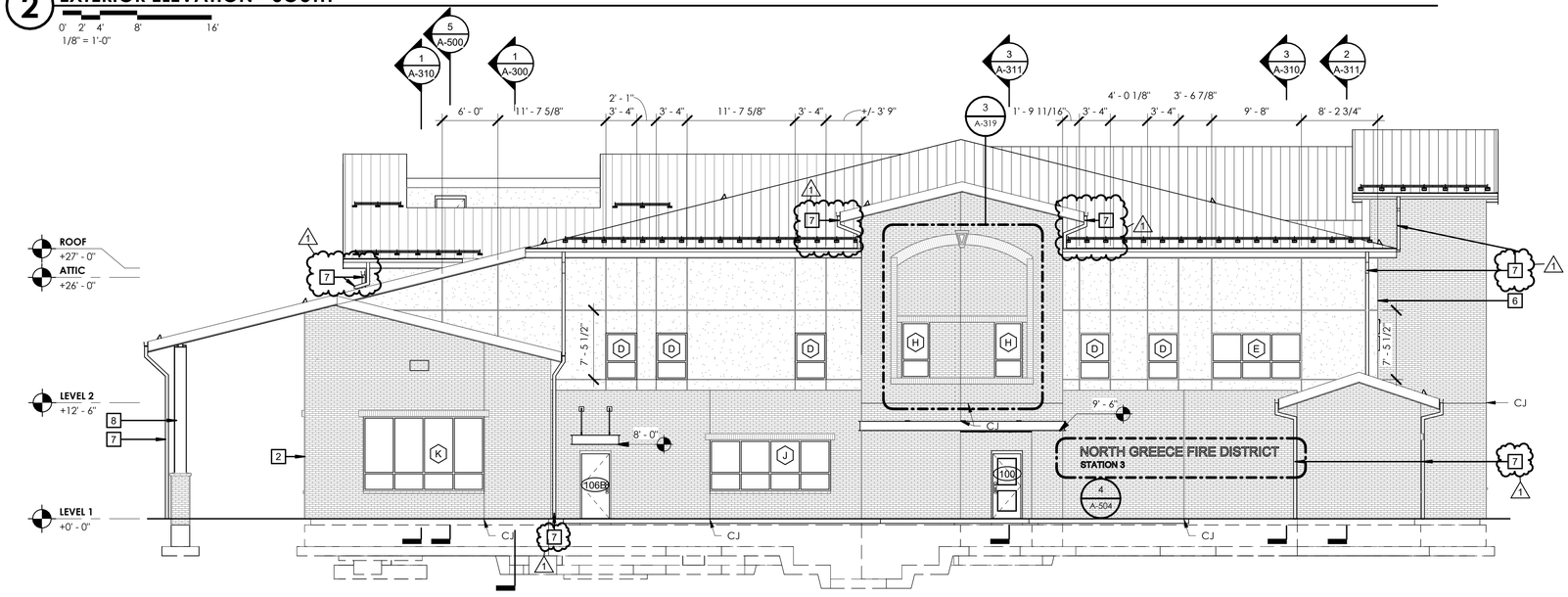
DATE: JANUARY 22, 2025

BID SET



2 EXTERIOR ELEVATION - SOUTH

0' 2' 4' 8' 16'
1/8" = 1'-0"



1 EXTERIOR ELEVATION - WEST

0' 2' 4' 8' 16'
1/8" = 1'-0"

EXTERIOR ELEVATION GENERAL NOTES:

- ALL EXPOSED ALUMINUM COPINGS, FLASHING, DRIP EDGES, ETC. TO BE PRE-FINISHED (COLOR SELECTED BY ARCHITECT).
- ALL EXTERIOR MECHANICAL TERMINATIONS SHALL BE PAINTED (COLOR BY ARCHITECT)
- ALL MATERIALS TO BE INSTALLED IN CONTACT WITH THE WEATHER BARRIER SHALL BE REVIEWED FOR COMPATIBILITY BY THE MANUFACTURER PRIOR TO SUBMITTAL. ALL SUCH SUBMITTALS SHALI INCLUDE MANUFACTURER'S CERTIFICATE OF COMPATIBILITY.

KEYNOTES - ELEVATIONS EXTERIOR 0

1	EXTERIOR LIGHTING - REFER TO ELECTRICAL DRAWINGS
2	STANDARD BRICK VENEER
3	PIPE FOR ANTENNA
4	MASONRY CONTROL JOINT
5	WINDOW SILL
6	EIFS SIDING
7	DOWNSPOUT
8	COLUMN WRAPS
9	CONTINUOUS METAL COPING
10	ROOF ACCESS LADDER
11	RIDGE VENT
12	ACCESS PANEL
13	COUNTERFLASHING TERMINATION; MIN. 8" ABOVE ROOF
14	METAL CANOPY
16	METAL PANEL RAIN SCREEN
17	THROUGH WALL SCUPPER
19	SNOWGUARD

BID SET

PASSERO ASSOCIATES
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PROJECT MANAGER TIM GEIER
PROJECT ARCHITECT TIM GEIER
DESIGNER QUILLE HUGHES

NO.	DATE	BY	DESCRIPTION
1	02/07/25	QH	ADDENDUM 2

EXTERIOR ELEVATIONS

1816 ENGLISH RD

NGFD - ENGLISH ROAD STATION
TOWN/CITY: GREECE
COUNTY: MONROE STATE: NY

PROJECT NO.: 20233530.0001

DRAWING NO.: A-200

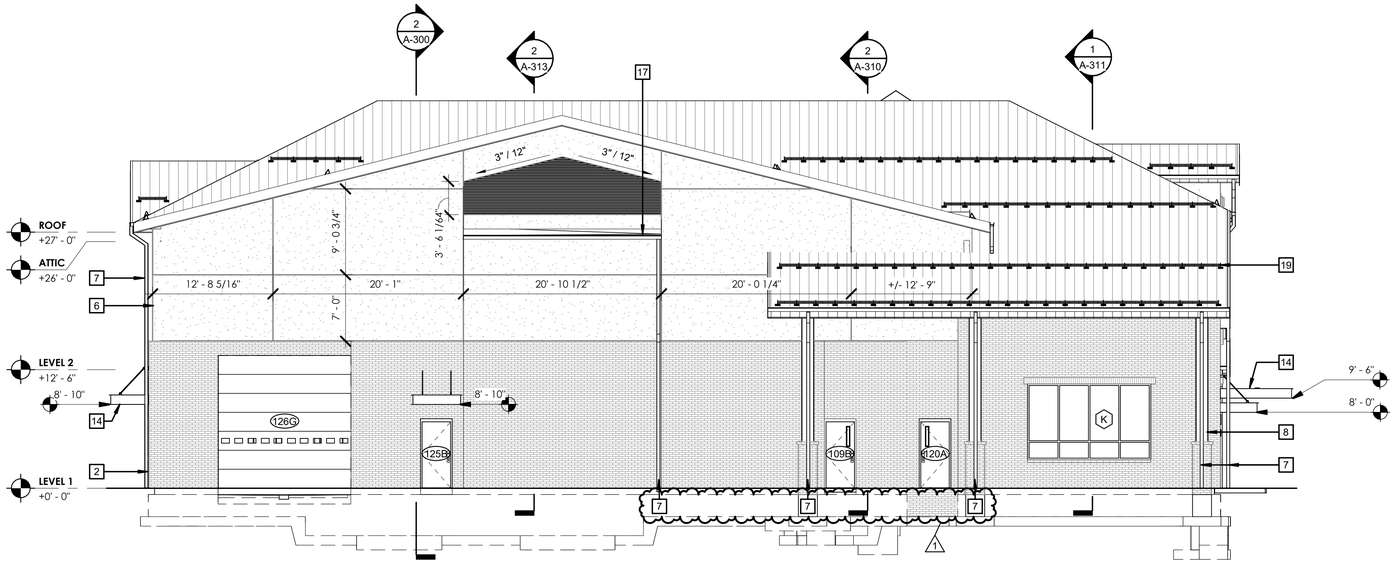
DATE: JANUARY 22, 2025

EXTERIOR ELEVATION GENERAL NOTES:

- ALL EXPOSED ALUMINUM COPINGS, FLASHING, DRIP EDGES, ETC. TO BE PRE-FINISHED (COLOR SELECTED BY ARCHITECT).
- ALL EXTERIOR MECHANICAL TERMINATIONS SHALL BE PAINTED (COLOR BY ARCHITECT)
- ALL MATERIALS TO BE INSTALLED IN CONTACT WITH THE WEATHER BARRIER SHALL BE REVIEWED FOR COMPATIBILITY BY THE MANUFACTURER PRIOR TO SUBMITTAL. ALL SUCH SUBMITALS SHALI INCLUDE MANUFACTURER'S CERTIFICATE OF COMPATIBILITY.

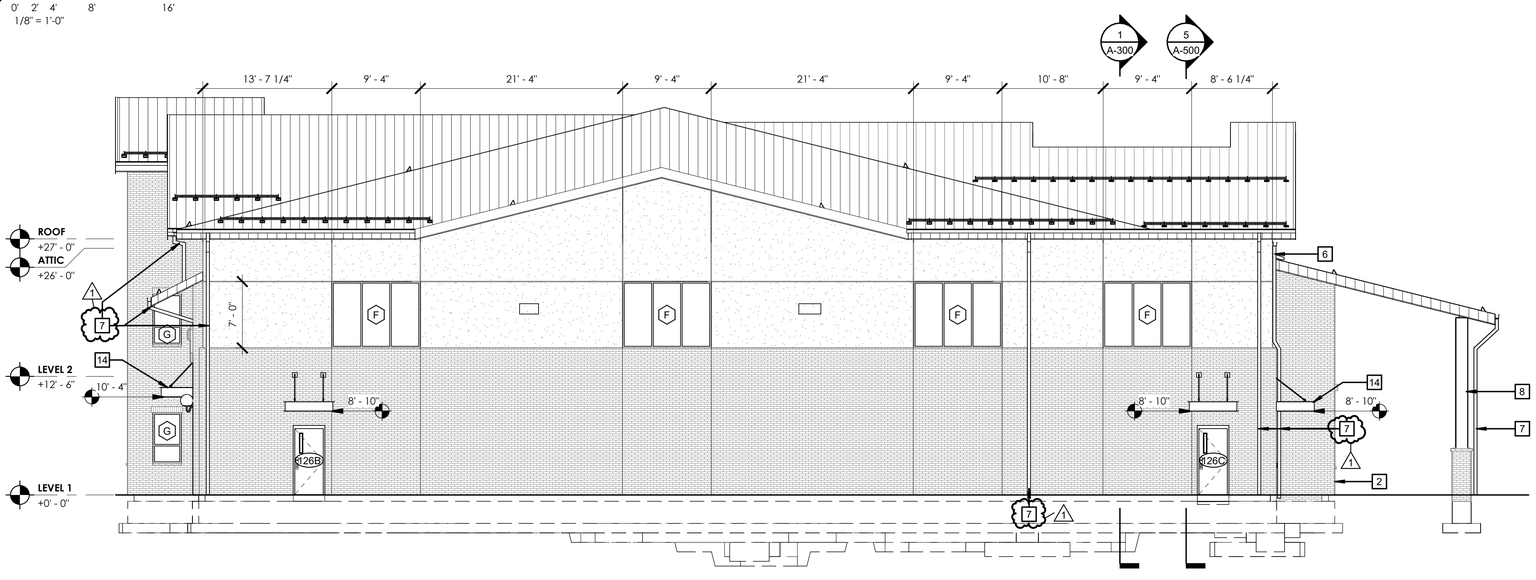
KEYNOTES - ELEVATIONS EXTERIOR 0

1	EXTERIOR LIGHTING - REFER TO ELECTRICAL DRAWINGS
2	STANDARD BRICK VENEER
3	PIPE FOR ANTENNA
4	MASONRY CONTROL JOINT
5	WINDOW SILL
6	EIFS SIDING
7	DOWNSPOUT
8	COLUMN WRAPS
9	CONTINUOUS METAL COPING
10	ROOF ACCESS LADDER
11	RIDGE VENT
12	ACCESS PANEL
13	COUNTERFLASHING TERMINATION; MIN. 8" ABOVE ROOF
14	METAL CANOPY
16	METAL PANEL RAIN SCREEN
17	THROUGH WALL SCUPPER
19	SNOWGUARD



2 EXTERIOR ELEVATION - NORTH

0' 2' 4' 8' 16'
1/8" = 1'-0"



1 EXTERIOR ELEVATION - EAST

0' 2' 4' 8' 16'
1/8" = 1'-0"

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STAMP:

CLIENT:
N. GREECE FIRE DISTRICT
1766 LATTA RD
ROCHESTER, NY 14612

Passero Associates
242 WEST MAIN ST., SUITE 100
ROCHESTER, NY 14614
(585) 325-1000
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PROJECT MANAGER — TIM GEIER
PROJECT ARCHITECT — TIM GEIER
DESIGNER — QUILLE HUGHES

NO.	DATE	BY	DESCRIPTION
1	02/07/25	QH	ADDENDUM 2

EXTERIOR ELEVATIONS

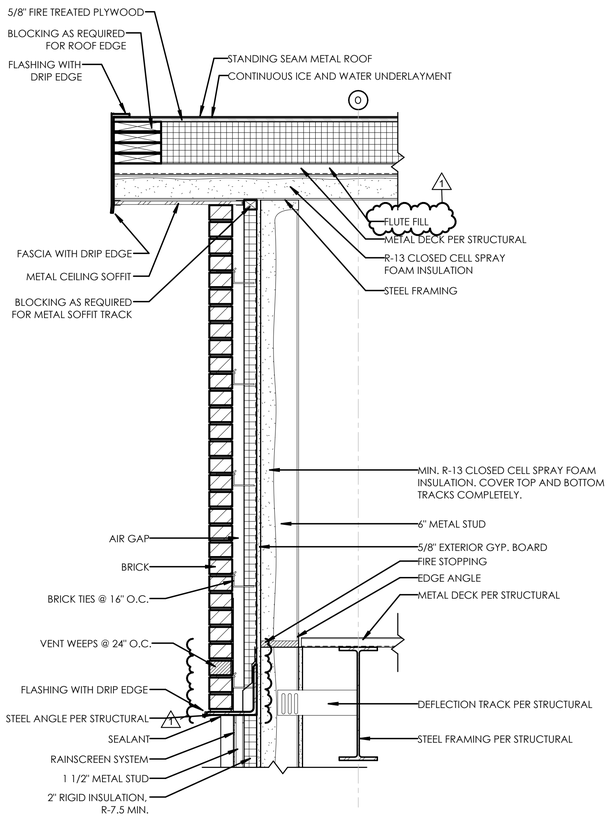
1816 ENGLISH RD

NGFD - ENGLISH ROAD STATION
TOWN/CITY: GREECE
COUNTY: MONROE
STATE: NY

PROJECT NO.: 20233530.0001

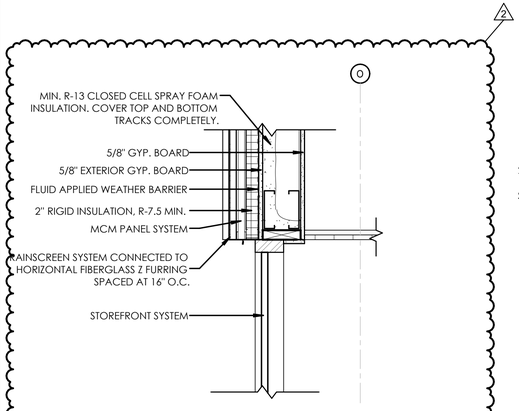
DRAWING NO.: A-201

DATE: JANUARY 22, 2025



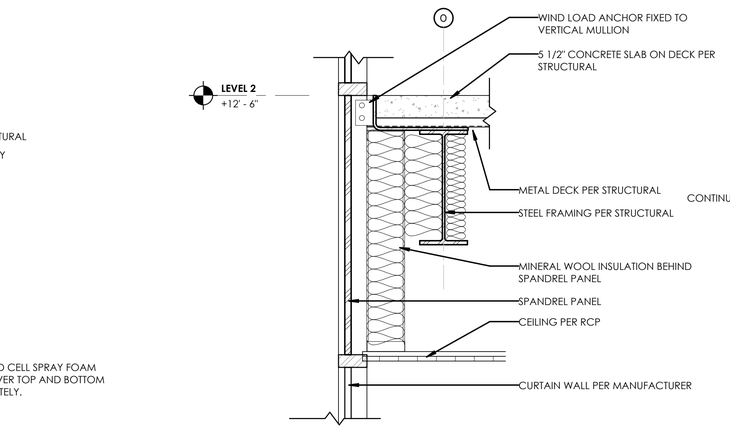
4 ROOF AT RADIO & WATCH ROOM TOWER

0" 3" 6" 1' 2'
1" = 1'-0"



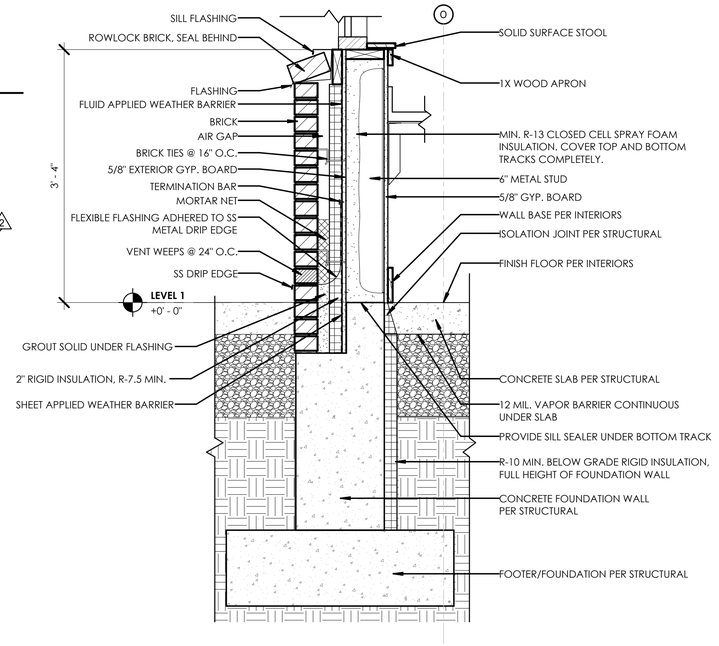
1 SECTION AT RADIO & WATCH ROOM TOWER RAINSCREEN TO STOREFRONT TRANSITION

0" 3" 6" 1' 2'
1" = 1'-0"



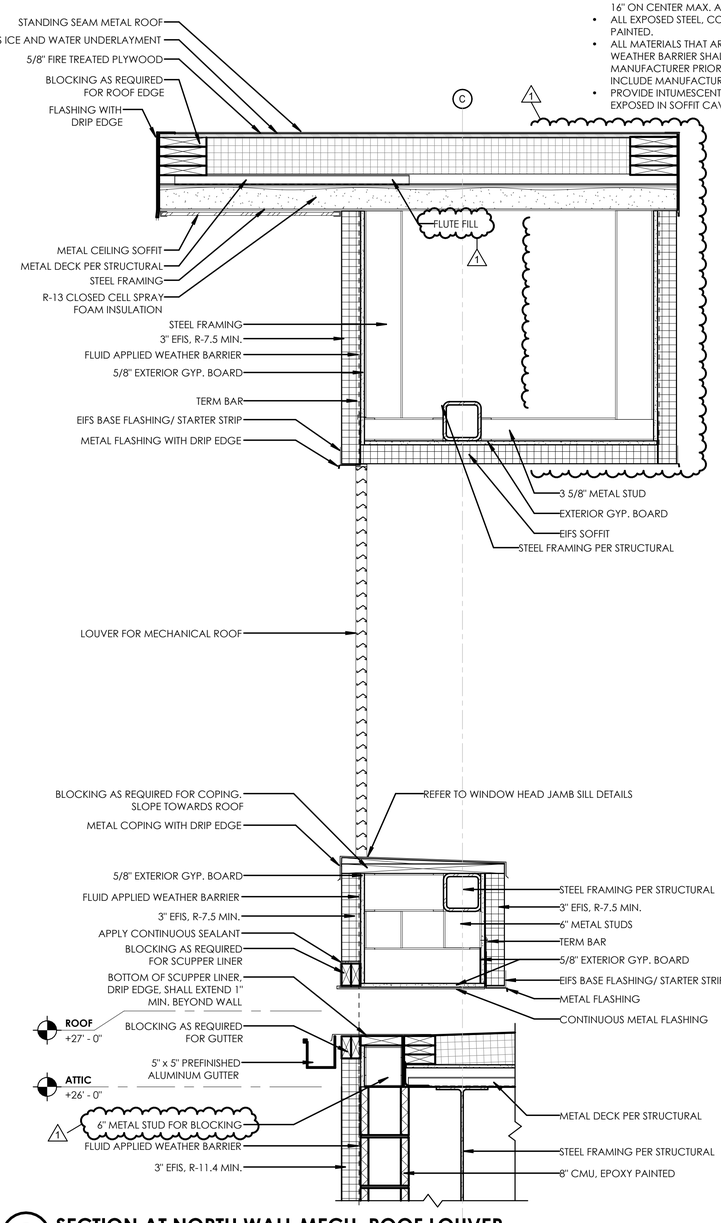
5 SECTION AT SECOND FLOOR RADIO & WATCH ROOM TOWER

0" 3" 6" 1' 2'
1" = 1'-0"



2 FOUNDATION AT RADIO & WATCH ROOM TOWER

0" 3" 6" 1' 2'
1" = 1'-0"



3 SECTION AT NORTH WALL MECH. ROOF LOUVER

0" 3" 6" 1' 2'
1" = 1'-0"

WALL SECTION GENERAL NOTES:

- THE CONTRACTOR SHALL REVIEW ALL DIMENSIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
- PROVIDE THROUGH WALL FLASHING WITHIN 4" - 8" FROM FINISHED GRADE WITH WEEPS AT 16" MAXIMUM ON CENTER, MINIMUM OF (2) PER RUN AT ALL EXTERIOR MASONRY WALLS.
- ALL FLASHING SHALL EXTEND SHINGLES STYLE BEHIND THE DRAINAGE PLANE OF THE WALL SYSTEM AND SHALL SHINGLE TO DAYLIGHT. FLASHING AT FLUID APPLIED MEMBRANES SHALL BE INTEGRATED PER MEMBRANE MANUFACTURER'S RECOMMENDATIONS.
- PROVIDE FLASHING AT ALL ROOF/WALL INTERSECTIONS (MIN. 6" EACH WAY) WITH KICKOUT FLASHING AT THE LOW END OF EACH RUN TO DIVERT WATER AWAY FROM WALL WHEN THE WALL CONTINUES BELOW THE EAVE.
- PROVIDE THROUGH WALL FLASHING AND WEEPS (AS REQUIRED) AT 16" MAXIMUM ON CENTER AT CHANGES IN MATERIALS.
- PROVIDE THROUGH WALL FLASHING WITH END DAMS AND WEEPS AT 16" ON CENTER MAX. AT EACH EXTERIOR LINTEL. ALL EXTERIOR STEEL LINTELS SHALL BE GALVANIZED AND PAINTED (COLOR BY ARCHITECT).
- PROVIDE THROUGH WALL FLASHING WITH END DAMS AND WEEPS AT 16" ON CENTER MAX. AT EACH EXTERIOR SILL.
- ALL EXPOSED STEEL, CONDUIT, PIPING, AND DUCTWORK TO BE PAINTED.
- ALL MATERIALS THAT ARE TO BE INSTALLED IN CONTACT WITH THE WEATHER BARRIER SHALL BE REVIEWED FOR COMPATIBILITY BY THE MANUFACTURER PRIOR TO SUBMITTAL. ALL SUCH SUBMITTALS SHALL INCLUDE MANUFACTURER'S CERTIFICATE OF COMPATIBILITY.
- PROVIDE INTUMESCENT COATING ON ALL SPRAY FOAM AREAS EXPOSED IN SOFFIT CAVITIES.

BID SET

PASSERO ASSOCIATES
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EC4B engineering, p.c.

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PROJECT MANAGER TIM GEIER
PROJECT ARCHITECT TIM GEIER
DESIGNER QUILLE HUGHES

NO.	DATE	BY	DESCRIPTION
1	01/30/25		ADDENDUM 1
2	02/07/25	QH	ADDENDUM 2

WALL SECTION DETAILS

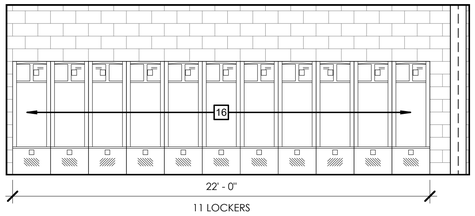
1816 ENGLISH RD

NGFD - ENGLISH ROAD STATION
TOWN/CITY: GREECE
COUNTY: MONROE STATE: NY

PROJECT NO.: 20233530.0001

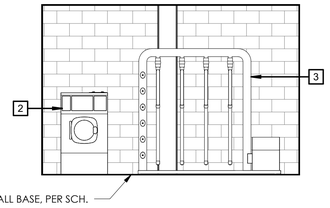
DRAWING NO.: A-318

DATE: JANUARY 22, 2025



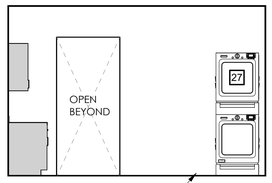
6 ELEVATION - GEAR LOCKER ROOM

0' 1' 2' 4' 8'
1/4" = 1'-0"



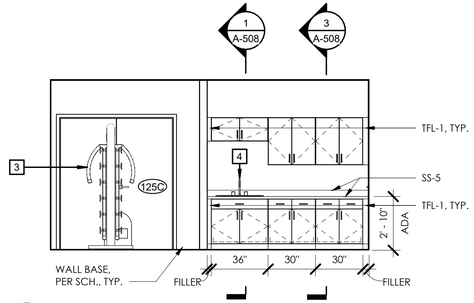
7 ELEVATION - DECON NORTH

0' 1' 2' 4' 8'
1/4" = 1'-0"



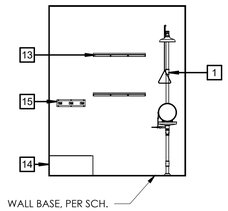
3 ELEVATION - DECON SOUTH

0' 1' 2' 4' 8'
1/4" = 1'-0"



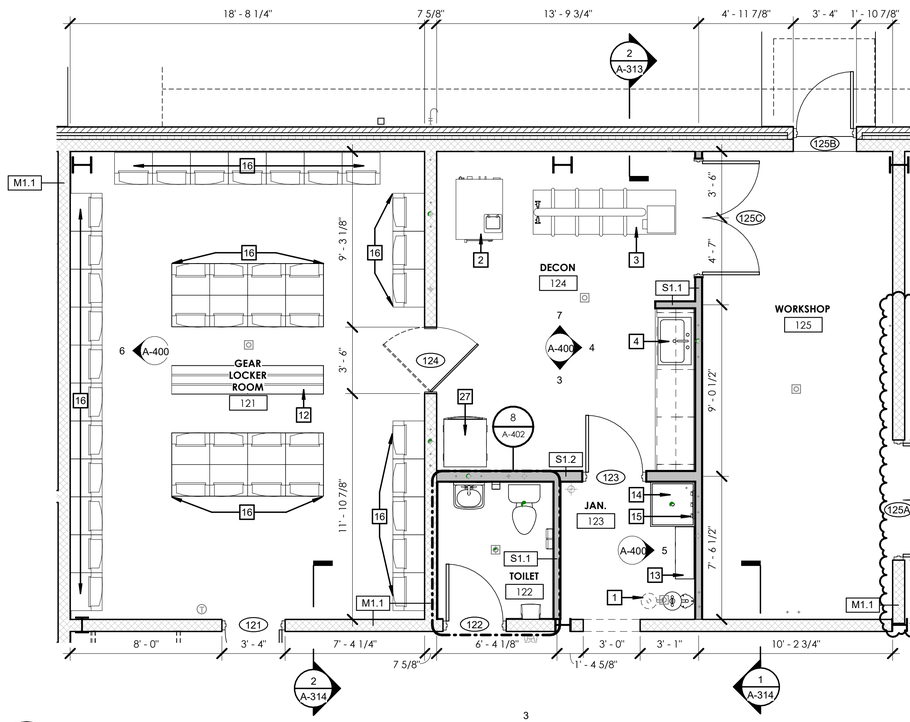
4 ELEVATION - DECON EAST

0' 1' 2' 4' 8'
1/4" = 1'-0"



5 ELEVATION - JAN. 123

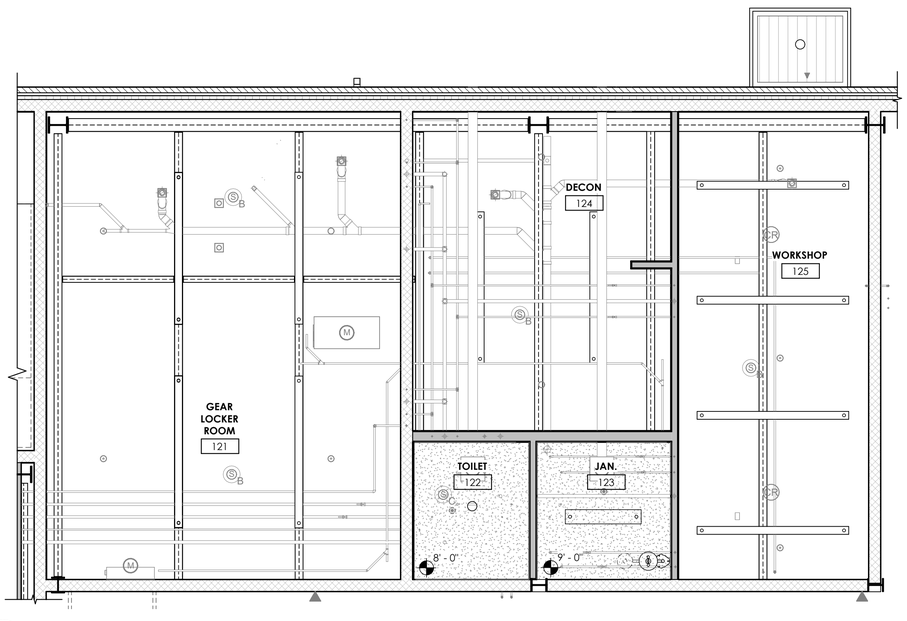
0' 1' 2' 4' 8'
1/4" = 1'-0"



1 ENLARGED PLAN - APP BAY SUPPORT SPACES

0' 1' 2' 4' 8'
1/4" = 1'-0"

3
A-420



2 ENLARGED RCP - APP BAY SUPPORT SPACES

0' 1' 2' 4' 8'
1/4" = 1'-0"

BID SET

GENERAL NOTES - INTERIOR ELEVATIONS:

1. REFER TO **I-600** FOR FINISH LEGEND AND **I-601** FOR FINISH SCHEDULE
2. REFER TO **I-100 SERIES** FOR FINISH PLANS
3. REFER TO **A-505** TO **A-509** FOR MILLWORK DETAILS
4. REFER TO **I-500** FOR INTERIOR DETAILS
5. TILE TRIM PROFILE HEIGHT AS REQUIRED TO COORDINATE WITH TILE SELECTION AND SETTING SYSTEM
6. ALIGN WALL TILE / BASE GROUT LINES WITH FLOOR TILE GROUT LINES
7. MATERIALS SHALL BE INSTALLED IN COMPLIANCE WITH MANUFACTURERS PRODUCTS AND METHODS

FLOOR PLAN GENERAL NOTES:

- REFER TO SHEET G-001 FOR WALL TYPES
- DIMENSION STYLES
  - METAL STUD WALLS (INTERIOR) ARE DIMENSIONED TO CENTER OF STUD. METAL STUD WALLS (EXTERIOR) ARE DIMENSIONED TO FACE OF STUD.
  - MASONRY WALLS ARE DIMENSIONED TO FACE OF MASONRY.
- THE CONTRACTOR SHALL REVIEW ALL DIMENSIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
- PROVIDE BLOCKING AT ALL TV/MONITOR AND FUTURE TV/MONITOR LOCATIONS. REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS.
- ALL WORK COMPLETED AS PART OF THIS PROJECT SHALL MEET ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES, AND SHALL MEET THE REQUIREMENTS OF THE OWNER AND LOCAL JURISDICTION.
- ALL PENETRATIONS THROUGH RATED ASSEMBLIES SHALL BE SEALED IN ACCORDANCE WITH THE LATEST EDITION OF THE NYS BUILDING CODE.
- COMBUSTIBLE MATERIALS ARE NOT PERMITTED IN CONCEALED SPACES UNLESS ALLOWED BY EXCEPTION IN THE NYS BUILDING CODE.
- ALL MATERIALS INSTALLED IN CONTACT WITH THE WEATHER BARRIER SHALL BE REVIEWED FOR COMPATIBILITY BY TH EMANUFACTURER PRIOR TO SUBMITTAL. ALL SUCH SUBMITTALS SHALL INCLUDE MANUFACTURER'S CERTIFICATE OF COMPATIBILITY.
- ALL INTERIOR COLUMNS ARE TO BE WRAPPED WITH 1/4" METAL FURRING AND 5/8" GYP. BD. U.N.O.

KEYNOTES - ELEVATIONS INTERIOR 0

1	EMERGENCY EYEWASH STATION
2	TURNOUT GEAR WASHING MACHINE
3	DRYER
4	KITCHEN SINK PER PLUMBING
5	DISHWASHER - OWNER PROVIDED, INSTALLED BY GC
6	COFFEE STATION - HARD PIPED PER PLUMBING. OWNER PROVIDED, INSTALLED BY GC
7	MICROWAVE - OWNER PROVIDED, INSTALLED BY GC
8	GAS COOKTOP - OWNER PROVIDED, INSTALLED BY GC
9	RANGE HOOD - PROVIDED AND INSTALLED BY HVAC
10	LARGE SIZE RESIDENTIAL REFRIGERATOR W/ ICE MAKER - OWNER PROVIDED, INSTALLED BY GC
11	DRINKING FOUNTAIN W/ WATER BOTTLE FILLER
12	BENCH
13	FLOATING SHELVES
14	MOP SINK
15	MOP RACK
16	GEAR LOCKER
17	DISPLAY CASE
19	PANTRY
20	4x8x1/2" UBOLT EMBED IN CMU FOR LADDER TIE OFF POINTS
21	DOUBLE OVEN - OWNER PROVIDED, INSTALLED BY GC
22	TRASH DRAWER. REFER TO MILLWORK DETAILS
23	RECYCLING DRAWER. REFER TO MILLWORK DETAILS
24	FULL HEIGHT LOCKERS
24	LOCKERS - 72"H X 24"W X 24"D
25	HALF LOCKERS
26	FIRE EXTINGUISHER
27	STACKED RESIDENTIAL WASHER AND DRYER UNIT - PROVIDED AND INSTALLED BY OWNER
28	FLOOR DRAIN PER MEP
29	TV DISPLAY - PROVIDED AND INSTALLED BY OWNER
30	ALTERNATING TREAD DEVICE TO ATTIC

PASSERO ASSOCIATES
engineering architecture

ECAB engineering, p.c.

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PROJECT MANAGER TIM GEIER
PROJECT ARCHITECT TIM GEIER
DESIGNER QUILLE HUGHES

NO.	DATE	BY	DESCRIPTION
1	02/07/25	QH	ADDENDUM 2

ENLARGED PLANS & INTERIOR ELEVATIONS

1816 ENGLISH RD

NGFD - ENGLISH ROAD STATION
TOWN/CITY: GREECE
COUNTY: MONROE STATE: NY

PROJECT NO.: 20233530.0001

DRAWING NO.: A-400

DATE: JANUARY 22, 2025

GENERAL NOTES - INTERIOR ELEVATIONS:

1. REFER TO **I-600** FOR FINISH LEGEND AND **I-601** FOR FINISH SCHEDULE
2. REFER TO **I-100 SERIES** FOR FINISH PLANS
3. REFER TO **A-505** TO **A-509** FOR MILLWORK DETAILS
4. REFER TO **I-500** FOR INTERIOR DETAILS
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6. ALIGN WALL TILE / BASE GROUT LINES WITH FLOOR TILE GROUT LINES
7. MATERIALS SHALL BE INSTALLED IN COMPLIANCE WITH MANUFACTURERS PRODUCTS AND METHODS

FLOOR PLAN GENERAL NOTES:

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- ALL WORK COMPLETED AS PART OF THIS PROJECT SHALL MEET ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES, AND SHALL MEET THE REQUIREMENTS OF THE OWNER AND LOCAL JURISDICTION.
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- COMBUSTIBLE MATERIALS ARE NOT PERMITTED IN CONCEALED SPACES UNLESS ALLOWED BY EXCEPTION IN THE NYS BUILDING CODE.
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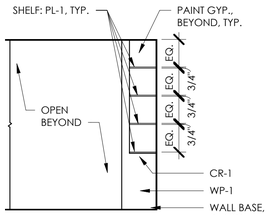
- ALL INTERIOR COLUMNS ARE TO BE WRAPPED WITH 1/4" METAL FURRING AND 5/8" GYP. BD. U.N.O.

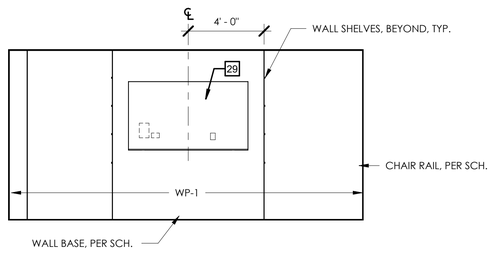
KEYNOTES - ELEVATIONS INTERIOR

1	EMERGENCY EYEWASH STATION
2	TURNOUT GEAR WASHING MACHINE
3	DRYER
4	KITCHEN SINK PER PLUMBING
5	DISHWASHER - OWNER PROVIDED, INSTALLED BY GC
6	COFFEE STATION - HARD PIPED PER PLUMBING, OWNER PROVIDED, INSTALLED BY GC
7	MICROWAVE - OWNER PROVIDED, INSTALLED BY GC
8	GAS COOKTOP - OWNER PROVIDED, INSTALLED BY GC
9	RANGE HOOD - PROVIDED AND INSTALLED BY HVAC
10	LARGE SIZE RESIDENTIAL REFRIGERATOR W/ ICE MAKER - OWNER PROVIDED, INSTALLED BY GC
11	DRINKING FOUNTAIN W/ WATER BOTTLE FILLER
12	BENCH
13	FLOATING SHELVES
14	MOP SINK
15	MOP RACK
16	GEAR LOCKER
17	DISPLAY CASE
19	PANTRY
20	4x8x1/2" UBOLT EMBED IN CMU FOR LADDER TIE OFF POINTS
21	DOUBLE OVEN - OWNER PROVIDED, INSTALLED BY GC
22	TRASH DRAWER. REFER TO MILLWORK DETAILS
23	RECYCLING DRAWER. REFER TO MILLWORK DETAILS
24	FULL HEIGHT LOCKERS
24	LOCKERS - 72"H X 24"W X 24"D
25	HALF LOCKERS
26	FIRE EXTINGUISHER
27	STACKED RESIDENTIAL WASHER AND DRYER UNIT - PROVIDED AND INSTALLED BY OWNER
28	FLOOR DRAIN PER MEP
29	TV DISPLAY - PROVIDED AND INSTALLED BY OWNER
30	ALTERNATING TREAD DEVICE TO ATTIC



5 ELEVATION - LOUNGE TV STG. WALL

0' 1' 2' 4' 8'
1/4" = 1'-0"

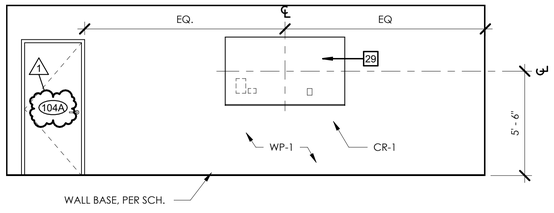


3 ELEVATION - LOUNGE WEST

0' 1' 2' 4' 8'
1/4" = 1'-0"

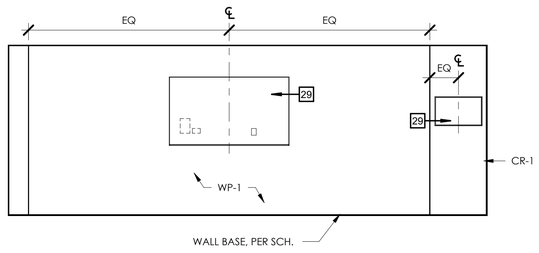
4 ELEVATION - FITNESS ROOM NORTH

0' 1' 2' 4' 8'
1/4" = 1'-0"



1 ELEVATION - TRAINING ROOM SOUTH

0' 1' 2' 4' 8'
1/4" = 1'-0"



2 ELEVATION - TRAINING ROOM NORTH

0' 1' 2' 4' 8'
1/4" = 1'-0"

BID SET

PASSERO ASSOCIATES
engineering architecture

EC4B engineering, p.c.

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ROCHESTER, NY 14612

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PROJECT MANAGER TIM GEIER
PROJECT ARCHITECT TIM GEIER
DESIGNER QUILLE HUGHES

NO.	DATE	BY	DESCRIPTION
1	02/07/25	QH	ADDENDUM 2

ENLARGED PLANS & INTERIOR ELEVATIONS

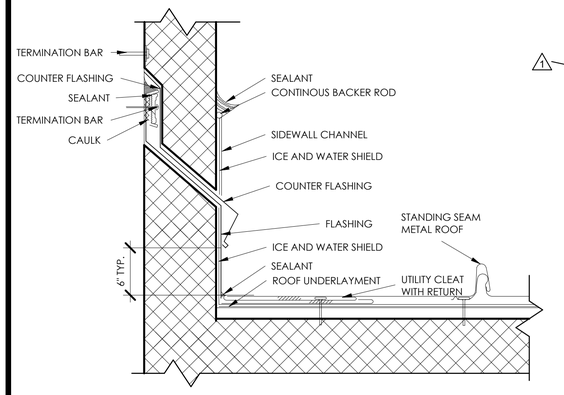
1816 ENGLISH RD

NGFD - ENGLISH ROAD STATION
TOWN/CITY: GREECE
COUNTY: MONROE STATE: NY

PROJECT NO.:
20233530.0001

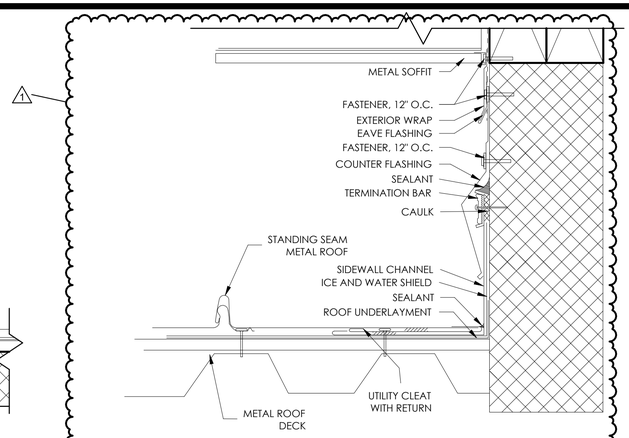
DRAWING NO.:
A-407

DATE:
JANUARY 22, 2025



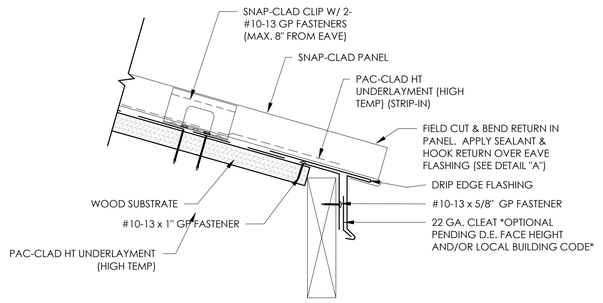
6 METAL ROOF FLASHING AT EIFS

0" 1" 2" 4" 8"
6" = 1'-0"



7 METAL ROOF SIDEWALL FLASHING AT DORMER

0" 1" 2" 4" 8"
6" = 1'-0"

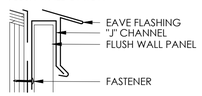


DETAIL "A"

KEYNOTES:

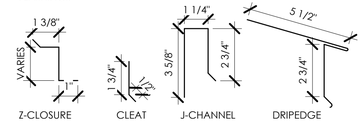
- TRIM FASTENERS ARE SELF-TAPPING PANCAKE HEAD AND MUST BE INSTALLED IN A STAGGERED PATTERN
- CLIP FASTENERS MUST PENETRATE WOOD SUBSTRATE BY 5/8" MINIMUM THREAD LENGTH
- FASTENER SPACING VARIES BASED ON PROJECT SPECIFIC LOADS AND/OR LOCAL BUILDING CODES

FLUSH WALL OPTION



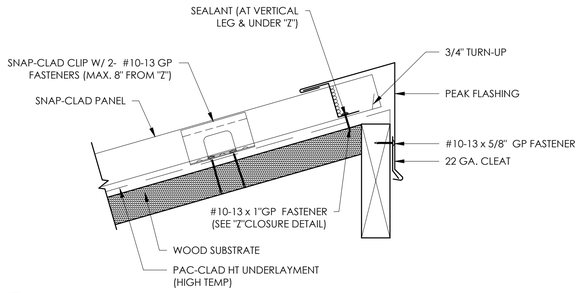
STANDING SEAM WALL OPTION

FLASHINGS



8 EAVE DETAIL

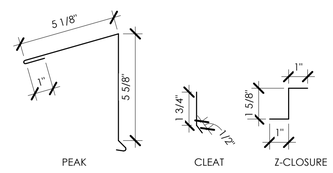
0" 3" 6" 1'
3" = 1'-0"



KEYNOTES:

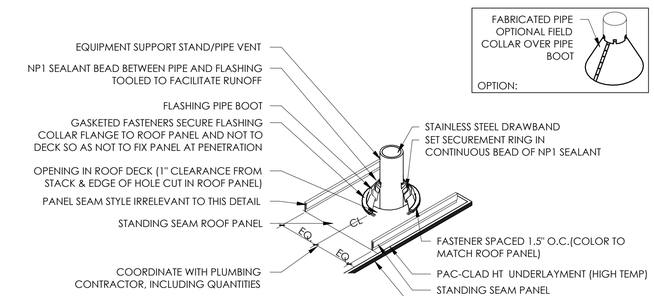
- TRIM FASTENERS ARE SELF-TAPPING PANCAKE HEAD AND MUST BE INSTALLED IN A STAGGERED PATTERN
- CLIP FASTENERS MUST PENETRATE WOOD SUBSTRATE BY 5/8" MINIMUM THREAD LENGTH
- FASTENER SPACING VARIES BASED ON PROJECT SPECIFIC LOADS AND/OR LOCAL BUILDING CODES

FLASHINGS



5 PEAK DETAIL

0" 3" 6" 1'
3" = 1'-0"

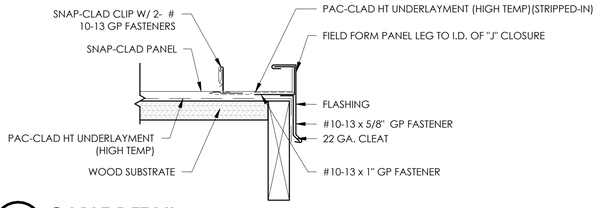


NOTES:

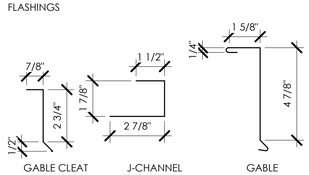
1. POSITION SQUARE BASED BOOTS IN A DIAMOND ORIENTATION WHERE POSSIBLE TO AID IN DIVERTING WATER.
2. PIPE PENETRATION TO BE IN PAN OF PANEL ONLY.
3. FIELD CUT HOLE IN PANEL 1" LESS THAN DIA. OF STACK. BACK CUT HOLE AND BEND PANEL UP AROUND STACK. SEAL CONTINUOUS.
4. IF PANELS ARE 30' OR LONGER, CUT OVERSIZE HOLE TO ALLOW FOR THERMAL MOVEMENT.
5. IF PIPE IS MADE OF METAL, IT MUST BE PAINTED TO PREVENT RUST RUN-OFF FROM STAINING PANELS. PAINT PVC PIPES TO MATCH COLOR OF ROOF PANEL.
6. ALL FASTENERS DRILLED THROUGH ALUMINUM MUST BE STAINLESS STEEL.

KEYNOTES:

- TRIM FASTENERS ARE SELF-DRILL PANCAKE HEAD ANDMUST BE INSTALLED IN A STAGGERED PATTERN
- CLIP FASTENERS MUST PENETRATE WOOD SUBSTRATE BY 5/8" MINIMUM THREAD LENGTH

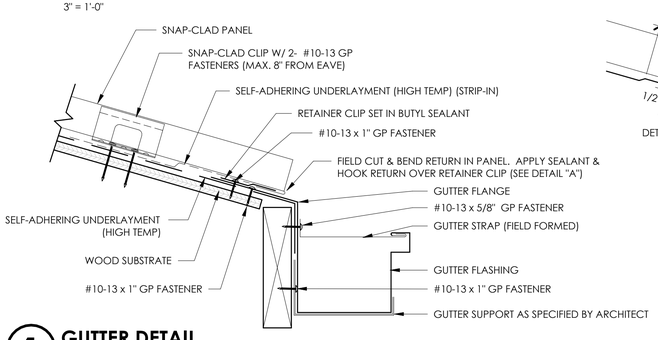


FLASHINGS



3 GABLE DETAIL

0" 3" 6" 1'
3" = 1'-0"

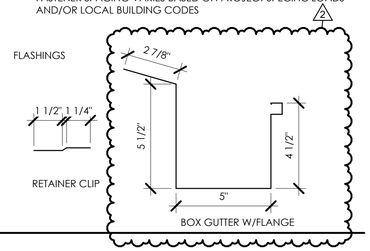


DETAIL "A"

KEYNOTES:

- TRIM FASTENERS ARE SELF-TAPPING PANCAKE HEAD AND MUST BE INSTALLED IN A STAGGERED PATTERN
- CLIP FASTENERS MUST PENETRATE WOOD SUBSTRATEBY 5/8" MINIMUM THREAD LENGTH
- FASTENER SPACING VARIES BASED ON PROJECT SPECIFIC LOADS AND/OR LOCAL BUILDING CODES

FLASHINGS



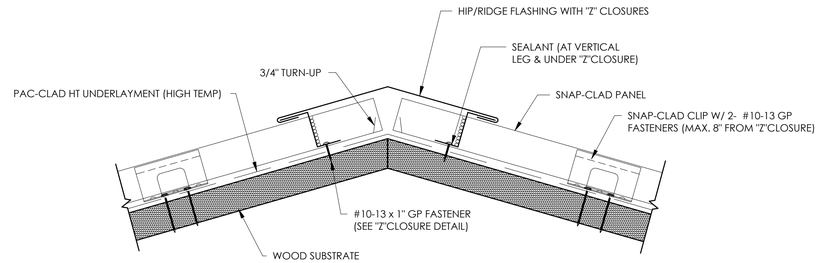
1 GUTTER DETAIL

0" 3" 6" 1'
3" = 1'-0"

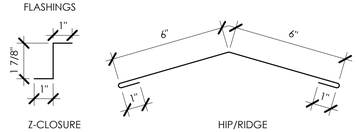
DISCLAIMER: DETAIL SHOWN FOR ILLUSTRATION PURPOSES ONLY. ACTUAL PROJECT DETAIL MAY VARY

4 PIPE PENETRATION DETAIL

0" 3" 6" 1'
3" = 1'-0"



FLASHINGS



KEYNOTES:

- TRIM FASTENERS ARE SELF-TAPPING PANCAKE HEAD AND MUST BE INSTALLED IN A STAGGERED PATTERN
- CLIP FASTENERS MUST PENETRATE WOOD SUBSTRATE BY 5/8" MINIMUM THREAD LENGTH
- FASTENER SPACING VARIES BASED ON PROJECT SPECIFIC LOADS AND/OR LOCAL BUILDING CODES

2 HIP RIDGE DETAIL

0" 3" 6" 1'
3" = 1'-0"

BID SET

PASSERO ASSOCIATES
engineering architecture

ECAB engineering, p.c.

STAMP:

CLIENT:
N. GREECE FIRE DISTRICT
1766 LATTA RD
ROCHESTER, NY 14612

Passero Associates
242 WEST MAIN ST., SUITE 100
ROCHESTER, NY 14614
(585) 325-1000
FAX: (585) 325-1691
PROJECT MANAGER TIM GEIER
PROJECT ARCHITECT TIM GEIER
DESIGNER QUILE HUGHES

NO.	DATE	BY	DESCRIPTION
1	01/30/25		ADDENDUM 1
2	02/07/25	QH	ADDENDUM 2

ROOF DETAILS

1816 ENGLISH RD

NGFD - ENGLISH ROAD STATION
TOWN/CITY: GREECE
COUNTY: MONROE STATE: NY

PROJECT NO.:
20233530.0001

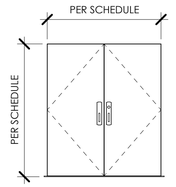
DRAWING NO.:
A-501

DATE:
JANUARY 22, 2025

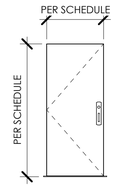
DOOR SCHEDULE

DOOR #	DOOR										FRAME				HW SET #	REMARKS
	DOOR MTL.	DOOR FIN.	# OF LEAVES	THICKNESS	WIDTH	HEIGHT	LABEL RATING	LOUVER	GLASS	ELEV. LETTER	FRAME TYPE	FRAME FINISH	HEAD DTL.	JAMB DTL.		
LEVEL 1																
100	ALUM.	FACTORY	1	1 3/4"	3' - 0"	7' - 0"	-		GL-02	D	F2	ALUM./FACTORY	11	12	1.0	
101	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	-		GL-02	E	F1	H.M./PT-3	5	6	8.0	
103	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	-		-	B	F1	H.M./PT-3	5	6	16.0	
104	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	-		GL-02	E	F1	H.M./PT-3	5	6	21.0	
104A	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	-		-	B	F1	H.M./PT-3	5	6	14.0	
105	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	-		-	B	F1	H.M./PT-3	5	6	16.0	
106A	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	-		-	B	F1	H.M./PT-3	5	6	16.0	
106B	H.M.	PT-3	1	1 3/4"	3' - 0"	7' - 0"	-		-	B	F2	H.M./PT-3	7	8	5.0	
108	WOOD	STAIN	1	1 3/4"	3' - 6"	7' - 0"	-		GL-02	E	F1	H.M./PT-3	5	6	19.0	
109A	H.M.	PT-3	1	1 3/4"	3' - 0"	7' - 0"	60 MIN.		GL-05	C	F2	H.M./PT-3	7	8	12.0	
109B	H.M.	PT-3	1	1 3/4"	3' - 0"	7' - 0"	60 MIN.		GL-05	C	F2	H.M./PT-3	7	8	4.0	
110	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	-		-	B	F1	H.M./PT-3	5	6	13.0	
111	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	-		-	B	F1	H.M./PT-3	5	6	13.0	
112	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	-		-	B	F1	H.M./PT-3	5	6	11.0	
113A	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	-		-	B	F1	H.M./PT-3	5	6	16.0	
113B	H.M.	PT-3	1	1 3/4"	2' - 8"	7' - 0"	-		-	B	F2	H.M./PT-3	5	6	22.0	
116A	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	-		GL-02	E	F1	H.M./PT-3	5	6	11.0	
116B	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	-		GL-02	E	F1	H.M./PT-3	5	6	11.0	
117	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	-		GL-02	E	F2	H.M./PT-3	7	8	7.0	
120A	H.M.	PT-3	1	1 3/4"	3' - 0"	7' - 0"	-		GL-02	C	F2	H.M./PT-3	5	6	2.0	
120B	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	-		-	E	F2	H.M./PT-3	7	8	7.0	
120C	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	-		-	E	F2	H.M./PT-3	7	8	7.0	
121	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	-		GL-02	C	F2	H.M./PT-3	7	8	21.0	
122	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	-		-	B	F2	H.M./PT-3	7	8	13.0	
123	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	-		-	B	F1	H.M./PT-3	5	6	16.0	
124	POLY.	FACTORY	1	1 3/4"	3' - 6"	7' - 0"	-		GL-02	F	F2	H.M./PT-3	7	8		DOUBLE SWING DOOR
125A	H.M.	PT-3	2	1 3/4"	6' - 0"	7' - 0"	-		-	A	F2	H.M./PT-3	7	8	20.0	180 DEGREE OPEN
125B	H.M.	PT-3	1	1 3/4"	3' - 0"	7' - 0"	-		-	B	F2	H.M./PT-3	5	6	3.0	
125C	H.M.	PT-3	2	1 3/4"	6' - 0"	7' - 0"	-		-	A	F1	H.M./PT-3	5	6	20.0	180 DEGREE OPEN
126A	ALUM.	FACTORY	1	1 3/4"	3' - 0"	7' - 0"	-		GL-02	D	F7	ALUM./FACTORY	7	8	1.0	
126B	H.M.	PT-3	1	1 3/4"	3' - 0"	7' - 0"	-		GL-02	C	F2	H.M./PT-3	7	8	3.0	
126C	H.M.	PT-3	1	1 3/4"	3' - 0"	7' - 0"	-		GL-02	C	F2	H.M./PT-3	5	6	3.0	
126D	ALUM.	FACTORY	4	2 1/4"	14' - 0"	14' - 0"	-		GL-02	H	-	ALUM./FACTORY	-	-		FOLDING DOOR
126E	ALUM.	FACTORY	4	2 1/4"	14' - 0"	14' - 0"	-		GL-02	H	-	ALUM./FACTORY	-	-		FOLDING DOOR
126F	ALUM.	FACTORY	4	2 1/4"	14' - 0"	14' - 0"	-		GL-02	H	-	ALUM./FACTORY	-	-		FOLDING DOOR
126G	ALUM.	FACTORY	-	1 1/2"	14' - 0"	14' - 0"	-		GL-02	G	-	ALUM./FACTORY	15	16		OVERHEAD DOOR
LEVEL 2																
201	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	20 MIN.		-	B	F1	H.M./PT-3	5	6	18.0	
202	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	20 MIN.		-	B	F1	H.M./PT-3	5	6	18.0	
203	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	20 MIN.		-	B	F1	H.M./PT-3	5	6	18.0	
204	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	20 MIN.		-	B	F1	H.M./PT-3	5	6	18.0	
205	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	20 MIN.		-	B	F1	H.M./PT-3	5	6	18.0	
206	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	20 MIN.		-	B	F1	H.M./PT-3	5	6	13.0	
207	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	20 MIN.		-	B	F1	H.M./PT-3	5	6	13.0	
208	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	20 MIN.		GL-05	E	F1	H.M./PT-3	5	6	22.0	
209	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	60 MIN.		GL-05	C	F2	H.M./PT-3	7	8	9.0	
210	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	20 MIN.		GL-05	E	F2	H.M./PT-3	7	8	7.0	
211	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	20 MIN.		GL-05	E	F1	H.M./PT-3	5	6	13.0	
212	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	20 MIN.		GL-05	E	F1	H.M./PT-3	5	6	13.0	
213	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	20 MIN.		-	B	F1	H.M./PT-3	5	6	17.0	
215	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	60 MIN.		GL-05	C	F1	H.M./PT-3	5	6	9.0	
216	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	20 MIN.		GL-05	E	F1	H.M./PT-3	5	6	10.0	
217	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	20 MIN.		GL-05	E	F1	H.M./PT-3	5	6	11.0	
218	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	-		GL-02	E	F1	H.M./PT-3	5	6	18.0	
219	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	-		-	B	F1	H.M./PT-3	5	6	13.0	
220	WOOD	STAIN	1	1 3/4"	2' - 6"	6' - 8"	-		-	B	F1	H.M./PT-3	5	6	14.0	
221	WOOD	STAIN	1	1 3/4"	3' - 0"	7' - 0"	20 MIN.		-	B	F1	H.M./PT-3	5	6	15.0	
223	H.M.	PT-3	1	1 3/4"	3' - 0"	7' - 0"	-		GL-02	C	F2	H.M./PT-3	7	8	19.0	
226	H.M.	PT-3	2	1 3/4"	6' - 0"	7' - 0"	-		-	A	F2	H.M./PT-3	7	8	20.0	
ATTIC																
233	H.M.	FACTORY	1	1 3/4"	3' - 0"	7' - 0"	-		-	B	F1	ALUM./FACTORY	17	18	6.0	

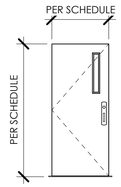
1



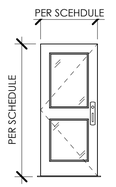
A DOUBLE FLUSH



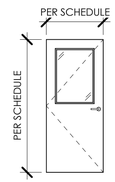
B SINGLE FLUSH



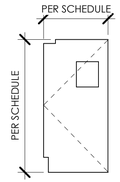
C SINGLE VISION



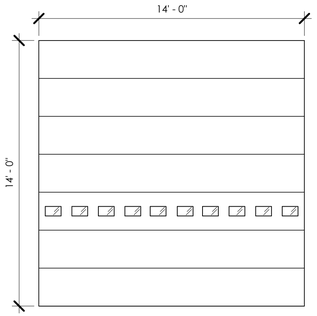
D SINGLE TWO-LITE



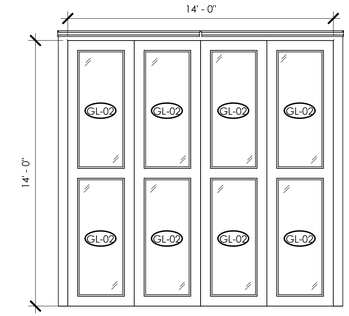
E INTERIOR SINGLE ONE-LITE



F INTERIOR SINGLE DOUBLE-SWING



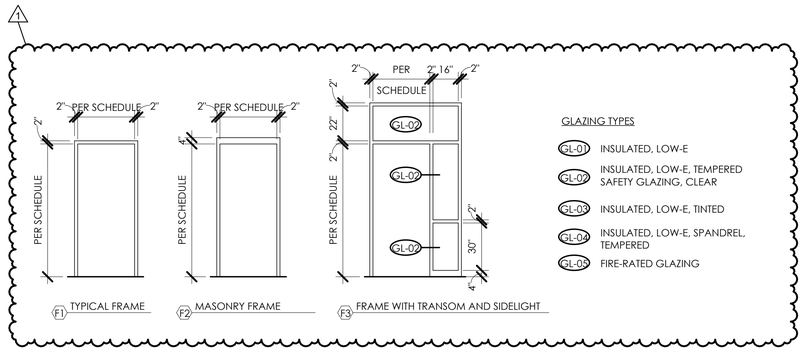
G EXTERIOR OVERHEAD SECTIONAL



H EXTERIOR DOORS

DOOR ELEVATIONS

0' 1' 2' 4' 8'
1/4" = 1'-0"



F1 TYPICAL FRAME
F2 MASONRY FRAME
F3 FRAME WITH TRANSOM AND SIDELIGHT

FRAME ELEVATIONS

0' 1' 2' 4' 8'
1/4" = 1'-0"

BID SET

PASSERO ASSOCIATES
engineering architecture
EGAB engineering, p.c.

STAMP:

CLIENT:
N. GREECE FIRE DISTRICT
1766 LATTA RD
ROCHESTER, NY 14612

Passero Associates
242 WEST MAIN ST., SUITE 100
ROCHESTER, NY 14614
(585) 325-1000
FAX: (585) 325-1691
PROJECT MANAGER — TIM GEIER
PROJECT ARCHITECT — TIM GEIER
DESIGNER — QUILLE HUGHES

NO.	DATE	BY	DESCRIPTION
1	02/07/25	QH	ADDENDUM 2

DOOR SCHEDULE

1816 ENGLISH RD

NGFD - ENGLISH ROAD STATION
TOWN/CITY: GREECE
COUNTY: MONROE STATE: NY

PROJECT NO.:
20233530.0001

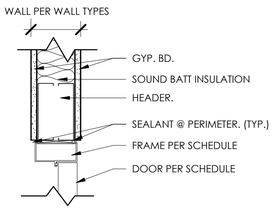
DRAWING NO.:
A-600

DATE:
JANUARY 22, 2025

ALUMINUM DOOR @ INTERIOR WALL

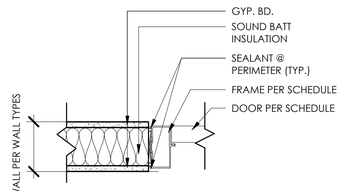
METAL STUD WALL

HEAD



3 HEAD DETAIL

JAMB

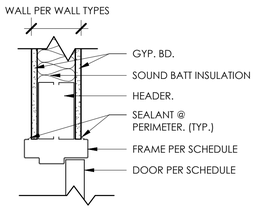


4 JAMB DETAIL

HOLLOW METAL DOOR @ INTERIOR WALL

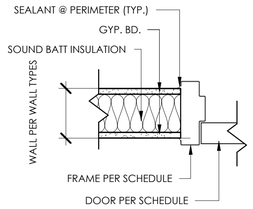
METAL STUD WALL

HEAD



5 HEAD DETAIL

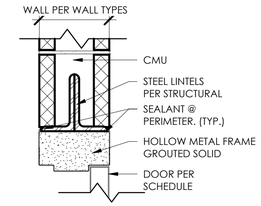
JAMB



6 JAMB DETAIL

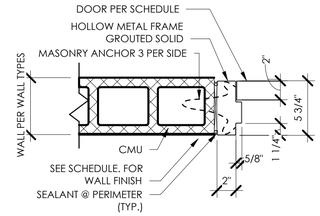
CMU WALL

HEAD



7 HEAD DETAIL

JAMB

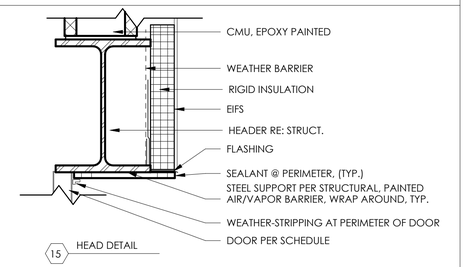


8 JAMB DETAIL

OVERHEAD DOOR @ EXTERIOR WALL

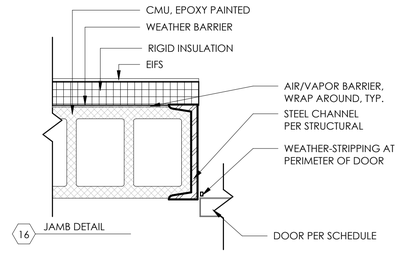
CMU W/ EIFS

HEAD



15 HEAD DETAIL

JAMB

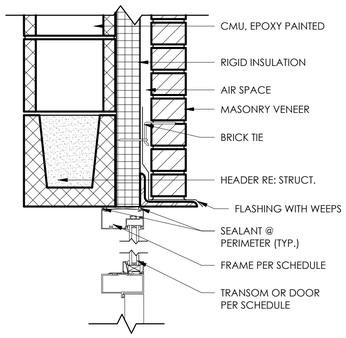


16 JAMB DETAIL

ALUMINUM TRANSOM @ EXTERIOR WALL

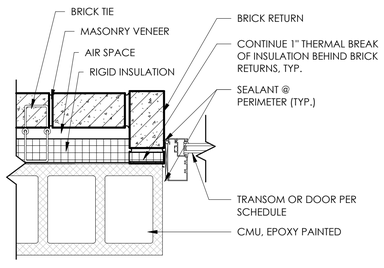
CMU W/ MASONRY VENEER

HEAD



1 HEAD DETAIL

JAMB

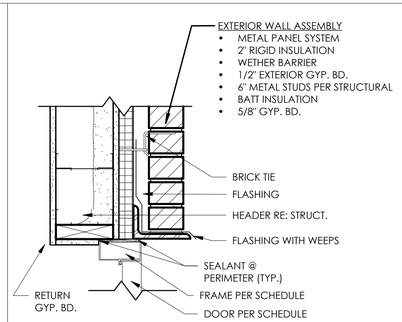


2 JAMB DETAIL

ALUMINUM DOOR @ EXTERIOR WALL

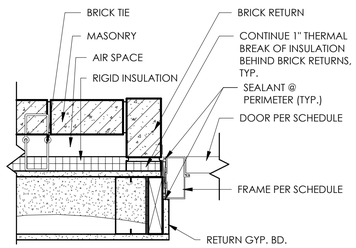
METAL STUD W/ MASONRY VENEER

HEAD



9 HEAD DETAIL

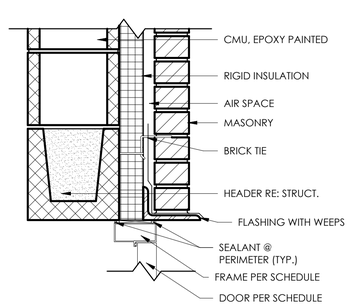
JAMB



10 JAMB DETAIL

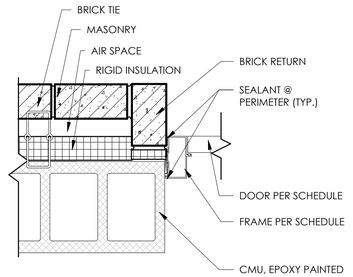
CMU W/ MASONRY VENEER

HEAD



11 HEAD DETAIL

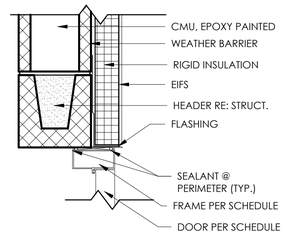
JAMB



12 JAMB DETAIL

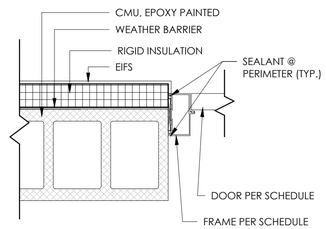
CMU W/ EIFS

HEAD



13 HEAD DETAIL

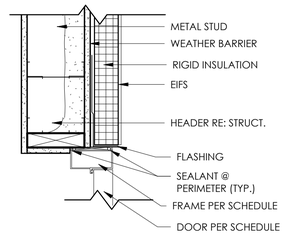
JAMB



14 JAMB DETAIL

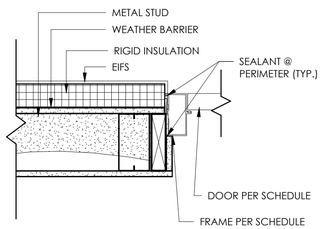
METAL STUD W/ EIFS

HEAD



17 HEAD DETAIL

JAMB



18 JAMB DETAIL

1 HEAD, JAMB, & SILL DETAILS - DOORS

0" 3" 6" 1' 2'
1 1/2" = 1'-0"

BID SET

PASSERO ASSOCIATES
engineering architecture

ECAB engineering, p.c.

STAMP:

CLIENT:
N. GREECE FIRE DISTRICT
1766 LATTA RD
ROCHESTER, NY 14612

Passero Associates
242 WEST MAIN ST., SUITE 100
ROCHESTER, NY 14614
(585) 325-1000
FAX: (585) 325-1691

PROJECT MANAGER — TIM GEIER
PROJECT ARCHITECT — TIM GEIER
DESIGNER — QUILE HUGHES

NO.	DATE	BY	DESCRIPTION
1	02/07/25	QH	ADDENDUM 2

DOOR DETAILS

1816 ENGLISH RD

NGFD - ENGLISH ROAD STATION
TOWN/CITY: GREECE
COUNTY: MONROE
STATE: NY

PROJECT NO.:
20233530.0001

DRAWING NO.:
A-601

DATE:
JANUARY 22, 2025

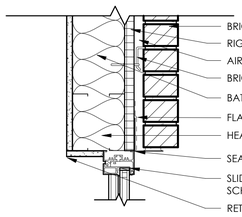
WINDOW SCHEDULE

TYPE MARK	WIDTH	HEIGHT	OPERATION	MATERIAL	FINISH	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	GLAZING TYPE	REMARKS
A	3' - 4"	5' - 0"	FIXED	ALUMINUM	FACTORY - ANODIZED	1	3	5	GL-01	
B	6' - 8"	5' - 6"	FIXED	ALUMINUM	FACTORY - ANODIZED	1	3	5	GL-01, GL-02 (OPERABLE PORTION)	OPERABLE
C	4' - 8"	9' - 2"	FIXED	ALUMINUM	FACTORY - ANODIZED	1	3	5	GL-01, GL-02 (OPERABLE PORTION)	TRANSOM AND SIDELIGHT
D	3' - 4"	5' - 0"	FIXED	ALUMINUM	FACTORY - ANODIZED	2	4	6	GL-01, GL-02 (ADJACENT TO DOOR)	OPERABLE
E	9' - 8"	5' - 0"	FIXED	ALUMINUM	FACTORY - ANODIZED	2	4	6	GL-01	
F	9' - 4"	7' - 0"	FIXED	ALUMINUM	FACTORY - ANODIZED	2	4	6	GL-01	
G	3' - 0"	5' - 4"	FIXED	ALUMINUM	FACTORY - ANODIZED	1	3	5	GL-01, GL-02 (OPERABLE PORTION)	OPERABLE
H	3' - 0"	6' - 0"	AWNING	ALUMINUM	FACTORY - ANODIZED	1	3	5	GL-01, GL-02 (OPERABLE PORTION)	OPERABLE
J	13' - 0"	5' - 6"	FIXED	ALUMINUM	FACTORY - ANODIZED	1	3	5	GL-01, GL-02 (OPERABLE PORTION)	OPERABLE
K	13' - 0"	8' - 0"	FIXED	ALUMINUM	FACTORY - ANODIZED	1	3	5	GL-01, GL-02 (OPERABLE PORTION)	OPERABLE
M	9' - 4"	18' - 8"	AWNING / FIXED	ALUMINUM	FACTORY - ANODIZED	1	3	5	GL-03, GL-04 (SPANDEREL)	TINTED

ALUMINUM WINDOW @ EXTERIOR WALL

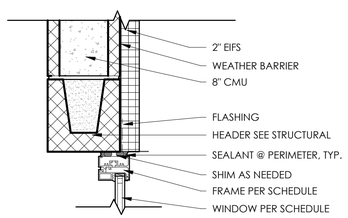
HEAD

METAL STUD W/ BRICK VENEER



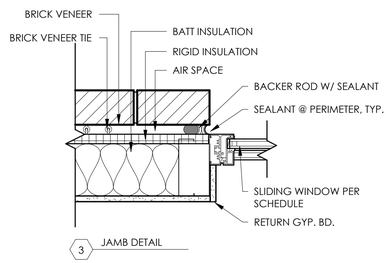
1 HEAD DETAIL

CMU W/ EIFS

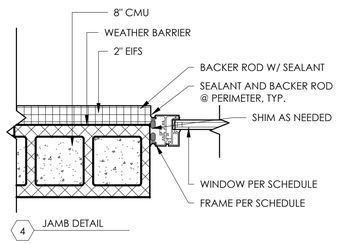


2 HEAD DETAIL

JAMB

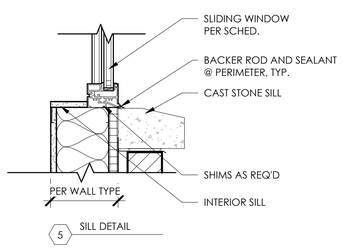


3 JAMB DETAIL

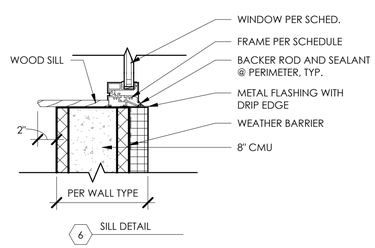


4 JAMB DETAIL

SILL



5 SILL DETAIL



6 SILL DETAIL

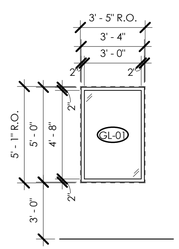
1 HEAD, JAMB, & SILL DETAILS - WINDOW

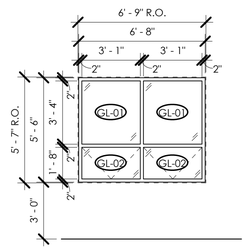
0" 3" 6" 1' 2'
1 1/2" = 1'-0"

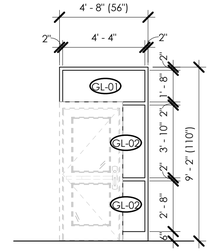
GLAZING TYPES

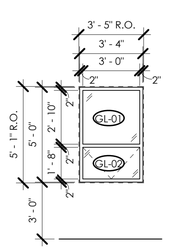
- GL-01 INSULATED, LOW-E
- GL-02 INSULATED, LOW-E, TEMPERED SAFETY GLAZING, CLEAR
- GL-03 INSULATED, LOW-E, TINTED
- GL-04 INSULATED, LOW-E, SPANDREL, TEMPERED
- GL-05 FIRE-RATED GLAZING

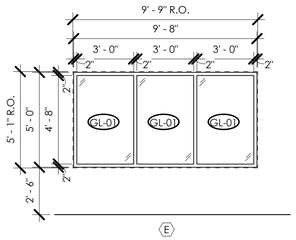
1

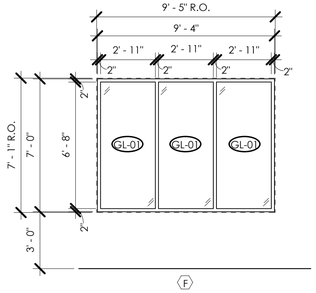


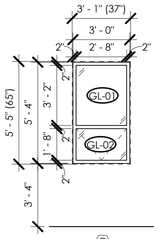


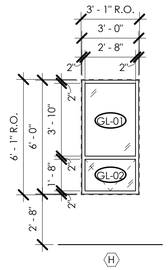


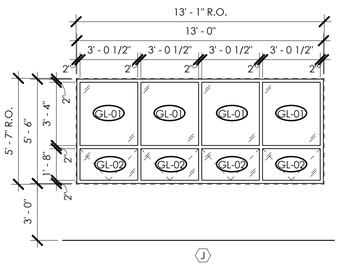


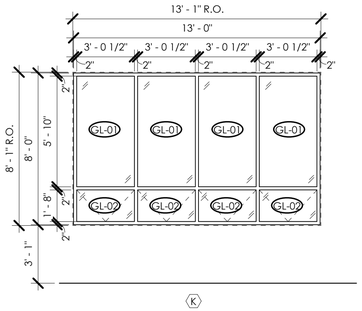


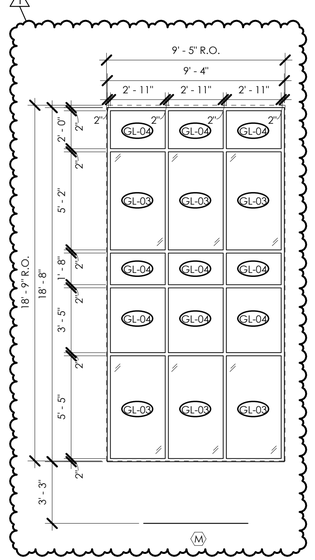












1 WINDOW ELEVATIONS

0' 1' 2' 4' 8'
1/4" = 1'-0"

BID SET

PASSERO ASSOCIATES
engineering architecture

ECAB engineering, p.c.

STAMP:

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N. GREECE FIRE DISTRICT
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ROCHESTER, NY 14612

Passero Associates
242 WEST MAIN ST., SUITE 100 (585) 325-1000
ROCHESTER, NY 14614 FAX: (585) 325-1691
PROJECT MANAGER TIM GEIER
PROJECT ARCHITECT TIM GEIER
DESIGNER QUILLE HUGHES

NO.	DATE	BY	DESCRIPTION
1	02/07/25	QH	ADDENDUM 2

WINDOW SCHEDULE

1816 ENGLISH RD

NGFD - ENGLISH ROAD STATION
TOWN/CITY: GREECE
COUNTY: MONROE STATE: NY

PROJECT NO.: 20233530.0001

DRAWING NO.: A-602

DATE: JANUARY 22, 2025