

ADDENDUM #1

Project Name	SUNY ECC Campus 2022 Gleasner Hall & Dry Memorial Library Exterior Rehab
Owner	Erie County
Owner Project Number	2023-956-03A
Watts Project Number:	20220396
Date	10/10/2025
Addendum Number	1
Subject	Response to RFI/Modifications to Contract Documents
Prepared By	Leah Kiblin

Addendum Item Number: 01

A pre-bid site visit was held on October 6th at 1:00 PM at Dry Memorial Library. Attached are the agenda, sign-in sheet and hand-out from that meeting.

Addendum Item Number: 02

RFI questions received between 9/29/2025 and 10/9/2025 with responses are included as an attachment to this addendum.

Addendum Item Number: 03

Modifications to Contract Documents:

Add "Prevailing Wage Schedule for Article 8 Public Work Project" to Project Manual.

Revisions:

Add attached "PW-1 Prevailing Wage Schedule" to the Project Manual.

Addendum Item Number: 04

Modifications to Contract Documents:

Door head Details updated in door schedule on sheet A8-200D. Door hardware set 12 added for Door 101.

Revisions:

Replace sheet A8-200D with attached sheet A8-200D dated 10/10/2025.

Addendum Item Number: 05

Modifications to Contract Documents:

Add Door Hardware Set #12 to specification section 087100:

Revisions:

Replace specification section 087100 with attached specification section 087100 dated 10/10/2025.

Addendum Item Number: 06

Modifications to Contract Documents:

Replace (2) additional stone treads at rear entrance stairs.

Revisions:

Replace sheets AD-112D & A5-201D with attached sheets AD-112D & A5-201D dated 10/10/2025.

Addendum Item Number: 07

Modifications to Contract Documents:

Replace (9) crawl space/basement windows.

Remove wall-mounted metal sculpture on north elevation.

Clarified patching/painting scope at specific masonry jambs.

Revisions:

Replace sheets HM-303, AD-301D, A3-101D, A8-301D, A8-302D & A8-303D with attached sheets HM-303, AD-301D, A3-101D, A8-301D, A8-302D & A8-303D dated 10/10/2025.

Addendum Item Number: 08

Modifications to Contract Documents:

DRAWING NO. H8-400D

Revisions:

Revise Dry Memorial Library – Fan Schedule, remark 1 to read as the following: “FURNISH 18” HIGH WIND RATED CURB FOR INSTALLATION BY C-CONTRACTOR. THIS CONTRACTOR RESPONSIBLE FOR SECURING EXHAUST FAN TO CURB TO MEET ALL NEW YORK STATE WIND RESTRAINT REQUIREMENTS.”

Add Dry Memorial Library – Fan Schedule, remark 4 to read as the following: “FURNISH 21”x21” ROOF CURB TO MATCH EXISTING, FIELD VERIFY PRIOR TO RELEASE. PROVIDE CURB CAP ADAPTER TO CONNECT 21”x21” CURB TO EXHAUST FAN.”

Addendum Item Number: 09

Modifications to Contract Documents:

Add paragraph 2.2 per attached specification section “230509 – Roof Curbs and Equipment Supports.”

Revisions:

Replace specification section 230509 with attached specification section 230509 dated 10/10/2025.

Addendum Item Number: 10

Modifications to Contract Documents:

SPECIFICATION NO. 260100 - Basic Materials and Methods

Revisions:

Delete paragraph 1.2, A.

Delete paragraph 1.2, B. 7.

Delete paragraph 2.8

Attachments:

1. Pre-bid Meeting Agenda, Sign-in Sheet and Hand-out "Project Goals for Contractors Quick Reference Guide" dated 10/6/2025.
2. RFI Questions and Responses
3. Prevailing Wage Schedule
4. Revised Specifications:
 - 084113 – Aluminum-Framed Entrances and Storefronts
 - 087100 – Door Hardware
 - 230509 – Roof Curbs and Equipment Supports
5. Revised Drawings:
 - HM-303
 - AD-112D
 - A4-113D
 - A5-201D
 - AD-301D
 - A3-101D
 - A8-200D
 - A8-301D
 - A8-302D
 - A8-303D
 - H8-400D



SUNY ECC Campus 2022 Gleasner Hall & Dry Memorial Library Exterior Rehab
6205 Main Street
Williamsville, New York 14221
Project # 2023-956-03A

Prebid Walkthrough – Agenda

Meeting Date: October 6, 1:00 pm

Location: E.C.C. North Campus Dry Memorial Library Main Entrance Lobby

1. Note on Gleasner Hall:

- a. The current project being bid is for the Dry Memorial Library renovation only. Any scope related to Gleasner Hall is not included in this project and will be bid at a separate time.

2. Project Overview:

- a. Dry Memorial Library, originally constructed in 1958, underwent an addition to the rear of the building 1967. The façade largely remains original to its 1960's construction and this rehabilitation has sought State Historic Preservation Board (SHPO) approval. This project consists primarily of façade upgrades where storefronts and windows will be replaced in kind, including doors and door hardware upgrades. Ancillary work on the interior includes ceiling replacements, addition of soffits, new blinds, new light fixtures and upgrades to mechanical units. Additional site improvements include cleaning/ repairing the main and rear exterior stairs and cleaning of the masonry façade.
- b. Multiple Prime Contracts
 - i. General Construction Scope
 - 1. Replace exterior storefronts, interior storm windows and doors at Dry Memorial Library. Replace/ build new soffits at the exterior wall to accommodate storefront replacement. Replace ACT ceilings in soffits at exterior wall. Replace classroom spline ceilings in their entirety with 2x4 ACT ceilings and new lighting design. Replace lobby spline ceiling with new soffits, 2x4 ACT ceilings and specialty lighting. Clean entirety of building façade and reset / repoint deteriorating masonry bricks. Repoint deteriorated areas of cast stone on façade. Paint exterior railings, exposed lintels and replace deteriorated stone tread and landing at back stair. Repair cracking/ spalling at main entrance stairs and remove existing sealant, rust and loose debris. Repair vertical concrete cheek walls. Caulk stair treads, landings, railings and cheek walls. At the roof, provide steel supports at mechanical rooftop units being replaced.
 - ii. Electrical Scope
 - 1. Relocate lights affected by new soffits associated with the storefront replacement. Provide new lighting design in the main entrance lobby and classrooms receiving full ceiling replacement. Provide wiring for electrified doors.
 - iii. Mechanical/Plumbing Scope
 - 1. Replace existing fan coil units and cabinet heaters in the main lobby and hall. Replace (5) rooftop exhaust fans. Provide new piping, ductwork, valves, etc. required to reconnect new mechanical units to existing systems. Provide roof protection.

- c. Add Alternate:
 - i. Remove existing main entry concrete stairs and landing; existing cheek walls to remain. Remove existing handrails in their entirety. Provide stone stairs, stone landing and associated foundations for a complete installation. Provide new handrails and perform work at cheek walls under the base-bid.
 - ii. This work only impacts the General Construction contract.

3. Key Scope Items:

- a. Take note of requirements for temporary egress measures at front/rear stairs if not completed by the time school is back in session.
- b. Note in Division 01 – Summary – that coordination with Owner’s security integrator, Linstar, will be required for door hardware. This impacts general construction contract and electrical contract.
- c. Note requirements for temporary enclosure of all openings after abatement/removals. This includes once framing is installed and prior to glazing installation.

4. Main Points of Contact:

- a. Erie County DPW: Natalie Tan, RA
Natalie.tan@erie.gov
- b. Watts Architects & Engineers: Daniel Chorley, AIA
Dchorley@watts-ae.com

5. Schedule for Bidding:

- a. Refer to Information for Bidders section in Division 01 of Project Manual
 - i. Bidding started on September 29th.
 - ii. All RFIs are due no later than 3:00 PM on October 21st.
 - 1. Submit to contacts listed above.
 - iii. Final Addenda will be issued no later than 3:00 PM October 23rd.
 - iv. Bids are due by 10:30 AM on October 28th.
 - 1. Refer to Notice to Bidders in Division 01 of Project Manual for submission instructions.
 - a. All bids must be delivered to County Commissioner of Public Works at Rath County Office Building, 95 Franklin St., Buffalo NY
 - v. Bid Award: Successful bidder will be notified by email.

6. Addendum

- a. Design team is compiling items for issuance via addendum. We anticipate sending this on/around 10/16. Some items include:
 - i. Addition of a door hardware set to the schedule
 - ii. Mechanical clarifications pertaining to rooftop units
 - iii. Answers to questions/RFIs already received

7. Schedule for Construction:

- a. Contract will be in place to the awarded bidder by early 2026.
- b. Preconstruction: February thru April
 - i. Submittals
 - ii. Limited field measurements/investigations
 - iii. Ordering of long-lead items, as applicable
- c. Last day of School is May 19th – construction activities can start next day
- d. School resumes on September 8th
 - i. Majority of work should be complete by this date
- e. Substantial complete by end of September.

8. General Requirements:

- a. Site access, parking and staging
 - i. Contractor parking is available on site. Refer to sheet G-003 for proposed contractor staging and parking area.
 - ii. Interior restrooms are not available to contractors. Locations to be determined for porta potties.
- b. Work Hours
 - i. 6:00 AM to 5:00 PM unless otherwise coordinated with the College and County.
- c. Construction Meetings
 - i. Biweekly construction meetings, except as required where additional meetings are necessary.
- d. Security
 - i. Team List: Successful contractor is to submit a list of team personnel with job designations and contact information to the Owner and architect within 30 days.
 - ii. Badging required for all personnel on site at all times.
 - iii. Secure all openings, scaffold, tools, etc. on a daily basis.
- e. Existing Lawns & Paving
 - i. Protect existing lawns, paving, trees and shrubs adjacent to the building.

9. Site Tour

10. Questions

End of Agenda

Pre-Bid Conference Sign-In Sheet

GENERAL CONSTRUCTION

Project Name: ECCN Dry Memorial Library Exterior Rehab				Project #:	2023-956-03A
	Company Name & Address	Name	Phone	Email	Signature
1	AUSTING GENERAL 31 RANSIER DRIVE West Seneca, NY 14224	John C. Greenman	(716) 675-0333	AGC0333@aol.com	John C. Greenman
2	LAKE SIDE CONTRACTING	SHANE HURLEY	(716) 380-3111	SHURLEY@LAKE-SIDE-CONTRACTING.COM	Shane Hurley
3	Picone	Jim Musty	(716) 291-5088	jmusty@piconeconstruction.com	Jim Musty
4	Hayes Construction	Samantha Newell Ethan LaRano	(716) 913-3843 585-520-6035	snewell@hayesbuild.com Ethan "	Samantha Newell
5	DiMaggio Constructors	Rob Palmer	585-943 8032	vpalmer@dimaggiogroup.com	Rob Palmer
6	Mark Cerrone, Inc	Sean Hanley	716-282-5244	~~seanh@markcerrone.com~~ shanhley@markcerrone.com	Sean Hanley
7	~~Lucas Goodin~~ Empire Building Diagnostics	Lucas Goodin	716 331 8977	lucasg@cbeline.com	Lucas Goodin
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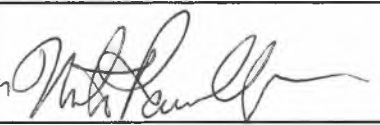
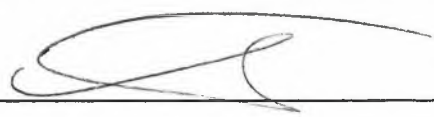
Pre-Bid Conference Sign-In Sheet

MECHANICAL/PLUMBING CONSTRUCTION

Project Name: ECCN Dry Memorial Library Exterior Rehab			Project #:		2023-956-03A
	Company Name & Address	Name	Phone	Email	Signature
1	RF Peck 3242 Union Rd	Emma Hubert	716 446 3999	ehubert@rfpeck.com	
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Pre-Bid Conference Sign-In Sheet

ELECTRICAL CONSTRUCTION

Project Name: ECCN Dry Memorial Library Exterior Rehab			Project #:		2023-956-03A
	Company Name & Address	Name	Phone	Email	Signature
1	CIR Electric	Mike Pavolko	716-362-5029	mpavolko@cirelectric.com	
2	Johnson Controls	Tyler Latacki	716-260-9469	tyler.latacki@jci.com	
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County of Erie Construction Project Goals for Contractors Quick Reference Guide

This quick reference guide will provide you with the County of Erie's goals related to using Minority-Owned and Women-Owned Business Enterprises ("MBE;" "WBE") and Service-Disabled Veteran-Owned Business Enterprises ("SDVOB"); Apprentices, local laborers, etc. We encourage you to use this guide for quick reference; however, the laws referenced herein are available on the County website (www.erie.gov).

If you have any questions or concerns, please reach out to the County Department that put out the bid; the Project Manager assigned to the construction project, or the Division of Equal Employment Opportunity.

For All County Construction Contracts:

- Minority and Women Workforce Requirement
County of Erie Affirmative Action Plan for Equal Employment Opportunity
 - Contractors shall file a monthly manpower utilization report of their workforce for the preceding month. Reports should be filed by the fifteenth day (15th) of the month.
 - Minority Workforce Goal: 10.6%-13.2% of total hours worked by all employees
 - Women Workforce Goal: 6.9% of total hours worked by all employees

For All County Construction Projects Greater Than \$100,000:

- Local Law No. 6 (1987) provides the MBE and WBE goals:
 - Award, at least, ten (10%) percent of total dollar value of the contract to MBE(s)
 - Award, at least, two (2%) percent of total dollar value of the contract to WBE(s)
- Local Law No. 5-1 (2023) provides the SDVOB goal:
 - Award, at least, six (6%) percent of total dollar value of the contract to SDVOB(s)
- With the bid, the Contractor shall submit a list of all the MBEs/WBEs/SDVOBs (1) from whom the contractor has solicited bids; (2) with whom the contractor has signed a contractual agreement; or (3) presently negotiating an agreement.
- Within 15 business days of bid opening, Contractors must provide letters of intent signed by the Contractor and the MBEs/WBEs/SDVOBs in which the Contractor seeks to subcontract to complete work.
- Contractor to provide Utilization Reports throughout the project:
 - Part A is required at the beginning of the Project
 - Part B is required when 30% of the Project is complete.
 - Part C is required when 75% of the Project is complete.
 - Part D, or final utilization report, is required when the Project is complete.

For All County Construction Projects Greater Than \$250,000:

County of Erie
Division of Equal Employment Opportunity

- Local Law No. 3 (2018) requires a “minimum of ten (10%)” of total construction workers to be “persons participating in a NYS Certified Worker Training (“Apprenticeship”) Program.”
- The Program must (1) be “specific to the type and scope of work which is being performed,” and (2) have a “graduation rate of at least thirty (30%) percent.”
- Contractors are required to “work toward a minority workforce goal of 30% minority and female participation combined in project personnel. “ (Trades people, trainees, journeymen, apprentices, and supervisory staff).
- Erie County Executive Order #18
 - Requires Contractor use “no less than three [(3)] construction workers.”
 - “Work hours performed by individuals residing outside of [NYS] will not be included in the requirements. “
 - 100% of the hours performed by NYS residents shall be worked by residents of the Local Labor Area (Erie, Niagara, Chautauqua, Cattaraugus, Alleghany, Wyoming, Genesee, and Orleans).
 - “70% of total work hours performed by residents of [NYS]” must be worked by residents of Erie County.
 - 30% of “total work hours performed by residents of [NYS]” will be worked by residents of Erie County who reside in zip codes with a poverty rate of 20% or higher and/or, in any ratio, disadvantaged workers who reside in Erie County.”
 - Disadvantaged Worker is/has:
 - “a resident who has a household income below 50% of the Area Median Income; or”
 - “been released from prison within the last [ten (10)] years; or”
 - “participates in the [TANF] program; or”
 - “participates in the [SNAP]; or”
 - “been unemployed for at least [twelve (12)] consecutive months.”



SUNY ECC Campus 2022 Gleasner Hall & Dry Memorial Library Exterior Rehab
ECDPW Project No. 2023-956-03A

RFI Responses #1

Issued via Addendum #1

10/10/2025

RFI-01

Question:

What is the budget on the General Trades Package?

Response:

ECDPW had a construction estimate prepared but does not release this to bidders. This information will be provided to the awarded contractors after bid.

RFI-02

Question:

As per A8-200D door 101 is missing a hardware set. Door 101 is not present in specification 087100 door hardware.

Response:

The door schedule has been updated and the hardware set has been added under this addendum.

RFI-03

Question:

As per A8-200D doors 101, 112A, 112B, & B108 are identified to have a frame depth of 7 ¾". Should this frame depth be 6" or the same as the other door frames identified on 200D?

Response:

Frame depths for 112A and 112B have been changed to 6" to match the rest of the framing. Refer to attached revised documents. Doors 101 and B108 utilize FRP frames and a deeper profile is desired as indicated at 7-3/4". Final depth of frame will be verified in field.

RFI-04

Question:

Specification 084113 aluminum framed entrances and storefronts. 2.3 – A.
Should the basis of design be Tubelite T14000 series storefront and T24650 storefront?

Response:

Yes, refer to revised specification section 084113 under this addendum.

RFI Responses #1

10/10/2025

Issued via Addendum #1

RFI-05

Question:

Specification 084113 aluminum framed entrances and storefronts. 2.3 – H. Door construction. Is the intent to provide Tubelite 2” monumental doors which would mimic what has been installed at Kittinger hall & Spring Center?

Response:

Section 2.3.H.1 indicates a “2-inch overall thickness...”, as does the door schedule. Please clarify this question if it has not been answered.

RFI-06

Question:

Please provide the manufacturer and catalog number of panel “PPUV” for breaker replacement requirement.

Response:

Square D NQOB Series

RFI-07

Question:

Is there still a requirement for the arc flash/coordination studies still in effect given the reduction of the project scope?

Response:

Not Required. The reference in section 260100, 1.2, A. will be revised in an upcoming bid addendum.

RFI-08

Question:

At the Pre-bid meeting the EEO requirements were given as 17% MBE and 13% WBE. Are there any SDVOB requirements?

Response:

Refer to the Supplemental General Conditions, Item 2 for updated participation goals.

RFI-09

Question:

Please clarify which contract is to provide the portable sanitation or is each contract responsible for its own?

Response:

Each contract is responsible to provide their own portable sanitation.

RFI Responses #1

10/10/2025

Issued via Addendum #1

RFI-10

Question:

Please provide the fire alarm supplier for this project.

Response:

Refer to the fire alarm specification and drawings, it lists the fire alarm equipment manufacturer

RFI-11

Question:

Can you provide information as to which contractor has the warranty on the library roof?

Response:

The Dry Library roof is a 'POWERply Plus HT FR' by Tremco and was installed by Weaver Metal & Roofing in 2017.

RFI-12

Question:

Specification 088000 Glazing Type GL-C-ALT is listed as the last glazing type (Glazing Type G3). After review of the alternates – "ALT#3" is not listed to be an alternate. After review of the project documents, "GL-C-ALT" has not been located or identified within the documents. Is this specific glazing type applicable to the project? If so, can you please advise which location it applies to?

Response:

This glazing type, Type G3, does not apply to this project. It applies only to Gleasner Hall and therefore is not included in the scope of this work.

END OF RFI RESPONSES



Kathy Hochul, Governor

Roberta Reardon, Commissioner

County of Erie

Natalie Tan, Assistant Architect
95 Franklin Street
Buffalo NY 14202

Schedule Year 2025 through 2026
Date Requested 09/09/2025
PRC# 2025011326

Location SUNY Erie Community College
Project ID# 2023-956-03
Project Type Window & Door Replacement; misc. mech & lighting upgrades

PREVAILING WAGE SCHEDULE FOR ARTICLE 8 PUBLIC WORK PROJECT

Attached is the current schedule(s) of the prevailing wage rates and prevailing hourly supplements for the project referenced above. A unique Prevailing Rate Case Number (PRC#) has been assigned to the schedule(s) for your project.

The schedule is effective from July 2025 through June 2026. All updates, corrections, posted on the 1st business day of each month, and future copies of the annual determination are available on the Department's website www.labor.ny.gov. Updated PDF copies of your schedule can be accessed by entering your assigned PRC# at the proper location on the website.

It is the responsibility of the contracting agency or its agent to annex and make part, the attached schedule, to the specifications for this project, when it is advertised for bids and /or to forward said schedules to the successful bidder(s), immediately upon receipt, in order to insure the proper payment of wages.

Please refer to the "General Provisions of Laws Covering Workers on Public Work Contracts" provided with this schedule, for the specific details relating to other responsibilities of the Department of Jurisdiction.

Upon completion or cancellation of this project, enter the required information and mail **OR** fax this form to the office shown at the bottom of this notice, **OR** fill out the electronic version via the NYSDOL website.

NOTICE OF COMPLETION / CANCELLATION OF PROJECT

Date Completed: _____ Date Cancelled: _____

Name & Title of Representative: _____

Phone: (518) 457-5589 Fax: (518) 485-1870
W. Averell Harriman State Office Campus, Bldg. 12, Room 130, Albany, NY 12240

General Provisions of Laws Covering Workers on Article 8 Public Work Contracts

Introduction

The Labor Law requires public work contractors and subcontractors to pay laborers, workers, or mechanics employed in the performance of a public work contract not less than the prevailing rate of wage and supplements (fringe benefits) in the locality where the work is performed.

Contractor Registry

Effective December 30, 2024 all contractors and subcontractors submitting bids or performing construction work on public work projects, or private projects covered by Article 8 of the Labor Law, are required to register with the New York State Department of Labor (NYSDOL) under Labor Law Section 220-i. To register, contractors and subcontractors must submit an application through NYSDOL's Contractor Registry portal which is available through the agency's Management System for Protecting Worker Rights (MPWR) <https://mpwr-public.labor.ny.gov/en/login>.

For additional information, please visit online.

Responsibilities of the Department of Jurisdiction

A Department of Jurisdiction (Contracting Agency) includes a state department, agency, board or commission; a county, city, town or village; a school district, board of education or board of cooperative educational services; a sewer, water, fire, improvement and other district corporation; a public benefit corporation; and a public authority awarding a public work contract.

The Department of Jurisdiction (Contracting Agency) awarding a public work contract MUST obtain a Prevailing Rate Schedule listing the hourly rates of wages and supplements due the workers to be employed on a public work project. This schedule may be obtained by completing and forwarding a "Request for wage and Supplement Information" form (PW 39) to the Bureau of Public Work. The Prevailing Rate Schedule MUST be included in the specifications for the contract to be awarded and is deemed part of the public work contract.

Upon the awarding of the contract, the law requires that the Department of Jurisdiction (Contracting Agency) furnish the following information to the Bureau: the name and address of the contractor, the date the contract was let and the approximate dollar value of the contract. To facilitate compliance with this provision of the Labor Law, a copy of the Department's "Notice of Contract Award" form (PW 16) is provided with the original Prevailing Rate Schedule.

The Department of Jurisdiction (Contracting Agency) is required to notify the Bureau of the completion or cancellation of any public work project. The Department's PW 200 form is provided for that purpose.

Both the PW 16 and PW 200 forms are available for completion online.

Hours

No laborer, worker, or mechanic in the employ of a contractor or subcontractor engaged in the performance of any public work project shall be permitted to work more than eight hours in any day or more than five days in any week, except in cases of extraordinary emergency. The contractor and the Department of Jurisdiction (Contracting Agency) may apply to the Bureau of Public Work for a dispensation permitting workers to work additional hours or days per week on a particular public work project.

Wages and Supplements

The wages and supplements to be paid and/or provided to laborers, workers, and mechanics employed on a public work project shall be not less than those listed in the current Prevailing Rate Schedule for the locality where the work is performed. If a prime contractor on a public work project has not been provided with a Prevailing Rate Schedule, the contractor must notify the Department of Jurisdiction (Contracting Agency) who in turn must request an original Prevailing Rate Schedule from the Bureau of Public Work. Requests may be submitted by: mail to NYSDOL, Bureau of Public Work, State Office Bldg. Campus, Bldg. 12, Rm. 130, Albany, NY 12226; Fax to Bureau of Public Work (518) 485-1870; or electronically at the NYSDOL website www.labor.ny.gov.

Upon receiving the original schedule, the Department of Jurisdiction (Contracting Agency) is REQUIRED to provide complete copies to all prime contractors who in turn MUST, by law, provide copies of all applicable county schedules to each subcontractor and obtain from each subcontractor, an affidavit certifying such schedules were received. If the original schedule expired, the contractor may obtain a copy of the new annual determination from the NYSDOL website www.labor.ny.gov.

The Commissioner of Labor makes an annual determination of the prevailing rates. This determination is in effect from July 1st through June 30th of the following year. The annual determination is available on the NYSDOL website

Payrolls and Payroll Records

Every contractor and subcontractor **MUST** keep original payrolls or transcripts subscribed and affirmed as true under penalty of perjury. As per Article 6 of the Labor law, contractors and subcontractors are required to establish, maintain, and preserve for not less than six (6) years, contemporaneous, true, and accurate payroll records. At a minimum, payrolls must show the following information for each person employed on a public work project: Name, Address, Last 4 Digits of Social Security Number, Classification(s) in which the worker was employed, Hourly wage rate(s) paid, Supplements paid or provided, and Daily and weekly number of hours worked in each classification.

The filing of payrolls to the Department of Jurisdiction is a condition of payment. Every contractor and subcontractor shall submit to the Department of Jurisdiction (Contracting Agency), within thirty (30) days after issuance of its first payroll and every thirty (30) days thereafter, a transcript of the original payrolls, subscribed and affirmed as true under penalty of perjury. The Department of Jurisdiction (Contracting Agency) shall collect, review for facial validity, and maintain such payrolls.

In addition, the Commissioner of Labor may require contractors to furnish, with ten (10) days of a request, payroll records sworn to as their validity and accuracy for public work and private work. Payroll records include, but are not limited to time cards, work description sheets, proof that supplements were provided, cancelled payroll checks and payrolls. Failure to provide the requested information within the allotted ten (10) days will result in the withholding of up to 25% of the contract, not to exceed \$100,000.00. If the contractor or subcontractor does not maintain a place of business in New York State and the amount of the contract exceeds \$25,000.00, payroll records and certifications must be kept on the project worksite.

The prime contractor is responsible for any underpayments of prevailing wages or supplements by any subcontractor.

All contractors or their subcontractors shall provide to their subcontractors a copy of the Prevailing Rate Schedule specified in the public work contract as well as any subsequently issued schedules. A failure to provide these schedules by a contractor or subcontractor is a violation of Article 8, Section 220-a of the Labor Law.

All subcontractors engaged by a public work project contractor or its subcontractor, upon receipt of the original schedule and any subsequently issued schedules, shall provide to such contractor a verified statement attesting that the subcontractor has received the Prevailing Rate Schedule and will pay or provide the applicable rates of wages and supplements specified therein. (See NYS Labor Laws, Article 8 . Section 220-a).

Determination of Prevailing Wage and Supplement Rate Updates Applicable to All Counties

The wages and supplements contained in the annual determination become effective July 1st whether or not the new determination has been received by a given contractor. Care should be taken to review the rates for obvious errors. Any corrections should be brought to the Department's attention immediately. It is the responsibility of the public work contractor to use the proper rates. If there is a question on the proper classification to be used, please call the district office located nearest the project. Any errors in the annual determination will be corrected and posted to the NYSDOL website on the first business day of each month. Contractors are responsible for paying these updated rates as well, retroactive to July 1st.

When you review the schedule for a particular occupation, your attention should be directed to the dates above the column of rates. These are the dates for which a given set of rates is effective. To the extent possible, the Department posts rates in its possession that cover periods of time beyond the July 1st to June 30th time frame covered by a particular annual determination. Rates that extend beyond that instant time period are informational **ONLY** and may be updated in future annual determinations that actually cover the then appropriate July 1st to June 30th time period.

Withholding of Payments

When a complaint is filed with the Commissioner of Labor alleging the failure of a contractor or subcontractor to pay or provide the prevailing wages or supplements, or when the Commissioner of Labor believes that unpaid wages or supplements may be due, payments on the public work contract shall be withheld from the prime contractor in a sufficient amount to satisfy the alleged unpaid wages and supplements, including interest and civil penalty, pending a final determination.

When the Bureau of Public Work finds that a contractor or subcontractor on a public work project failed to pay or provide the requisite prevailing wages or supplements, the Bureau is authorized by Sections 220-b and 235.2 of the Labor Law to so notify the financial officer of the Department of Jurisdiction (Contracting Agency) that awarded the public work contract. Such officer **MUST** then withhold or cause to be withheld from any payment due the prime contractor on account of such contract the amount indicated by the Bureau as sufficient to satisfy the unpaid wages and supplements, including interest and any civil penalty that may be assessed by the Commissioner of Labor. The withholding continues until there is a final determination of the underpayment by the Commissioner of Labor or by the court in the event a legal proceeding is instituted for review of the determination of the Commissioner of Labor.

The Department of Jurisdiction (Contracting Agency) shall comply with this order of the Commissioner of Labor or of the court with respect to the release of the funds so withheld.

Summary of Notice Posting Requirements

The current Prevailing Rate Schedule must be posted in a prominent and accessible place on the site of the public work project. The prevailing wage schedule must be encased in, or constructed of, materials capable of withstanding adverse weather conditions and be titled "PREVAILING RATE OF WAGES" in letters no smaller than two (2) inches by two (2) inches.

The "Public Work Project" notice must be posted at the beginning of the performance of every public work contract, on each job site.

Every employer providing workers' compensation insurance and disability benefits must post notices of such coverage in the format prescribed by the Workers' Compensation Board in a conspicuous place on the jobsite.

Every employer subject to the NYS Human Rights Law must conspicuously post at its offices, places of employment, or employment training centers, notices furnished by the State Division of Human Rights.

Employers liable for contributions under the Unemployment Insurance Law must conspicuously post on the jobsite notices furnished by the NYS Department of Labor.

Apprentices

Employees cannot be paid apprentice rates unless they are individually registered in a program registered with the NYS Commissioner of Labor. The allowable ratio of apprentices to journeyworkers in any craft classification can be no greater than the statewide building trade ratios promulgated by the Department of Labor and included with the Prevailing Rate Schedule. An employee listed on a payroll as an apprentice who is not registered as above or is performing work outside the classification of work for which the apprentice is indentured, must be paid the prevailing journeyworker's wage rate for the classification of work the employee is actually performing.

NYSDOL Labor Law, Article 8, Section 220-3, require that only apprentices individually registered with the NYS Department of Labor may be paid apprenticeship rates on a public work project. No other Federal or State Agency of office registers apprentices in New York State.

Persons wishing to verify the apprentice registration of any person must do so in writing by mail, to the NYSDOL Office of Employability Development / Apprenticeship Training, State Office Bldg. Campus, Bldg. 12, Albany, NY 12226 or by Fax to NYSDOL Apprenticeship Training (518) 457-7154. All requests for verification must include the name and social security number of the person for whom the information is requested.

The only conclusive proof of individual apprentice registration is written verification from the NYSDOL Apprenticeship Training Albany Central office. Neither Federal nor State Apprenticeship Training offices outside of Albany can provide conclusive registration information.

It should be noted that the existence of a registered apprenticeship program is not conclusive proof that any person is registered in that program. Furthermore, the existence or possession of wallet cards, identification cards, or copies of state forms is not conclusive proof of the registration of any person as an apprentice.

Interest and Penalties

In the event that an underpayment of wages and/or supplements is found:

- Interest shall be assessed at the rate then in effect as prescribed by the Superintendent of Banks pursuant to section 14-a of the Banking Law, per annum from the date of underpayment to the date restitution is made.
- A Civil Penalty may also be assessed, not to exceed 25% of the total of wages, supplements, and interest due.

Debarment

Any contractor or subcontractor and/or its successor shall be ineligible to submit a bid on or be awarded any public work contract or subcontract with any state, municipal corporation or public body for a period of five (5) years when:

- Two (2) willful determinations have been rendered against that contractor or subcontractor and/or its successor within any consecutive six (6) year period.
- There is any willful determination that involves the falsification of payroll records or the kickback of wages or supplements.

Criminal Sanctions

Willful violations of the Prevailing Wage Law (Article 8 of the Labor Law) may be a felony punishable by fine or imprisonment of up to 15 years, or both.

Discrimination

No employee or applicant for employment may be discriminated against on account of age, race, creed, color, national origin, sex, disability or marital status.

No contractor, subcontractor nor any person acting on its behalf, shall by reason of race, creed, color, disability, sex or national origin discriminate against any citizen of the State of New York who is qualified and available to perform the work to which the employment relates (NYS Labor Law, Article 8, Section 220-e(a)).

No contractor, subcontractor, nor any person acting on its behalf, shall in any manner, discriminate against or intimidate any employee on account of race, creed, color, disability, sex, or national origin (NYS Labor Law, Article 8, Section 220-e(b)).

The Human Rights Law also prohibits discrimination in employment because of age, marital status, or religion.

There may be deducted from the amount payable to the contractor under the contract a penalty of \$50.00 for each calendar day during which such person was discriminated against or intimidated in violation of the provision of the contract (NYS Labor Law, Article 8, Section 220-e(c)).

The contract may be cancelled or terminated by the State or municipality. All monies due or to become due thereunder may be forfeited for a second or any subsequent violation of the terms or conditions of the anti-discrimination sections of the contract (NYS Labor Law, Article 8, Section 220-e(d)).

Every employer subject to the New York State Human Rights Law must conspicuously post at its offices, places of employment, or employment training centers notices furnished by the State Division of Human Rights.

Workers' Compensation

In accordance with Section 142 of the State Finance Law, the contractor shall maintain coverage during the life of the contract for the benefit of such employees as required by the provisions of the New York State Workers' Compensation Law.

A contractor who is awarded a public work contract must provide proof of workers' compensation coverage prior to being allowed to begin work.

The insurance policy must be issued by a company authorized to provide workers' compensation coverage in New York State. Proof of coverage must be on form C-105.2 (Certificate of Workers' Compensation Insurance) and must name this agency as a certificate holder.

If New York State coverage is added to an existing out-of-state policy, it can only be added to a policy from a company authorized to write workers' compensation coverage in this state. The coverage must be listed under item 3A of the information page.

The contractor must maintain proof that subcontractors doing work covered under this contract secured and maintained a workers' compensation policy for all employees working in New York State.

Every employer providing worker's compensation insurance and disability benefits must post notices of such coverage in the format prescribed by the Workers' Compensation Board in a conspicuous place on the jobsite.

Unemployment Insurance

Employers liable for contributions under the Unemployment Insurance Law must conspicuously post on the jobsite notices furnished by the New York State Department of Labor.



Kathy Hochul, Governor

Roberta Reardon, Commissioner

County of Erie

Natalie Tan, Assistant Architect
95 Franklin Street
Buffalo NY 14202

Schedule Year 2025 through 2026
Date Requested 09/09/2025
PRC# 2025011326

Location SUNY Erie Community College
Project ID# 2023-956-03
Project Type Window & Door Replacement; misc. mech & lighting upgrades

Notice of Contract Award

New York State Labor Law, Article 8, Section 220.3a requires that certain information regarding the awarding of public work contracts, be furnished to the Commissioner of Labor. One "Notice of Contract Award" (PW 16, which may be photocopied), **MUST** be completed for **EACH** prime contractor on the above referenced project.

Upon notifying the successful bidder(s) of this contract, enter the required information and mail **OR** fax this form to the office shown at the bottom of this notice, **OR** fill out the electronic version via the NYSDOL website.

Contractor Information

All information must be supplied

Federal Employer Identification Number: _____		
Name: _____		
Address: _____ _____		
City: _____	State: _____	Zip: _____
Amount of Contract: \$ _____	Contract Type:	
Approximate Starting Date: ____/____/____	☐ (01) General Construction	
Approximate Completion Date: ____/____/____	☐ (02) Heating/Ventilation	
	☐ (03) Electrical	
	☐ (04) Plumbing	
	☐ (05) Other : _____	

Phone: (518) 457-5589 Fax: (518) 485-1870
W. Averell Harriman State Office Campus, Bldg. 12, Room 130, Albany, NY 12226

Social Security Numbers on Certified Payrolls:

The Department of Labor is cognizant of the concerns of the potential for misuse or inadvertent disclosure of social security numbers. Identity theft is a growing problem and we are sympathetic to contractors' concern regarding inclusion of this information on payrolls if another identifier will suffice.

For these reasons, the substitution of the use of the last four digits of the social security number on certified payrolls submitted to contracting agencies on public work projects is now acceptable to the Department of Labor. This change does not affect the Department's ability to request and receive the entire social security number from employers during its public work/ prevailing wage investigations.

Construction Industry Fair Play Act: Required Posting for Labor Law Article 25-B § 861-d

Construction industry employers must post the "Construction Industry Fair Play Act" notice in a prominent and accessible place on the job site. Failure to post the notice can result in penalties of up to \$1,500 for a first offense and up to \$5,000 for a second offense. The posting is included as part of this wage schedule. Additional copies may be obtained from the NYS DOL website, <https://dol.ny.gov/public-work-and-prevailing-wage>

If you have any questions concerning the Fair Play Act, please call the State Labor Department toll-free at 1-866-435-1499 or email us at: dol.misclassified@labor.ny.gov.

Worker Notification: (Labor Law §220, paragraph a of subdivision 3-a)

Effective June 23, 2020

This provision is an addition to the existing wage rate law, Labor Law §220, paragraph a of subdivision 3-a. It requires contractors and subcontractors to provide written notice to all laborers, workers or mechanics of the *prevailing wage and supplement rate* for their particular job classification *on each pay stub**. It also requires contractors and subcontractors to *post a notice* at the beginning of the performance of every public work contract *on each job site* that includes the telephone number and address for the Department of Labor and a statement informing laborers, workers or mechanics of their right to contact the Department of Labor if he/she is not receiving the proper prevailing rate of wages and/or supplements for his/her job classification. The required notification will be provided with each wage schedule, may be downloaded from our website www.labor.ny.gov or be made available upon request by contacting the Bureau of Public Work at 518-457-5589. *In the event the required information will not fit on the pay stub, an accompanying sheet or attachment of the information will suffice.

(12.20)

**To all State Departments, Agency Heads and Public Benefit Corporations
IMPORTANT NOTICE REGARDING PUBLIC WORK ENFORCEMENT FUND**

Budget Policy & Reporting Manual

B-610

Public Work Enforcement Fund

effective date December 7, 2005

1. Purpose and Scope:

This Item describes the Public Work Enforcement Fund (the Fund, PWEF) and its relevance to State agencies and public benefit corporations engaged in construction or reconstruction contracts, maintenance and repair, and announces the recently-enacted increase to the percentage of the dollar value of such contracts that must be deposited into the Fund. This item also describes the roles of the following entities with respect to the Fund:

- New York State Department of Labor (DOL),
- The Office of the State of Comptroller (OSC), and
- State agencies and public benefit corporations.

2. Background and Statutory References:

DOL uses the Fund to enforce the State's Labor Law as it relates to contracts for construction or reconstruction, maintenance and repair, as defined in subdivision two of Section 220 of the Labor Law. State agencies and public benefit corporations participating in such contracts are required to make payments to the Fund.

Chapter 511 of the Laws of 1995 (as amended by Chapter 513 of the Laws of 1997, Chapter 655 of the Laws of 1999, Chapter 376 of the Laws of 2003 and Chapter 407 of the Laws of 2005) established the Fund.

3. Procedures and Agency Responsibilities:

The Fund is supported by transfers and deposits based on the value of contracts for construction and reconstruction, maintenance and repair, as defined in subdivision two of Section 220 of the Labor Law, into which all State agencies and public benefit corporations enter.

Chapter 407 of the Laws of 2005 increased the amount required to be provided to this fund to .10 of one-percent of the total cost of each such contract, to be calculated at the time agencies or public benefit corporations enter into a new contract or if a contract is amended. The provisions of this bill became effective August 2, 2005.

**To all State Departments, Agency Heads and Public Benefit Corporations
IMPORTANT NOTICE REGARDING PUBLIC WORK ENFORCEMENT FUND**

OSC will report to DOL on all construction-related ("D") contracts approved during the month, including contract amendments, and then DOL will bill agencies the appropriate assessment monthly. An agency may then make a determination if any of the billed contracts are exempt and so note on the bill submitted back to DOL. For any instance where an agency is unsure if a contract is or is not exempt, they can call the Bureau of Public Work at the number noted below for a determination. Payment by check or journal voucher is due to DOL within thirty days from the date of the billing. DOL will verify the amounts and forward them to OSC for processing.

For those contracts which are not approved or administered by the Comptroller, monthly reports and payments for deposit into the Public Work Enforcement Fund must be provided to the Administrative Finance Bureau at the DOL within 30 days of the end of each month or on a payment schedule mutually agreed upon with DOL.

Reports should contain the following information:

- Name and billing address of State agency or public benefit corporation;
- State agency or public benefit corporation contact and phone number;
- Name and address of contractor receiving the award;
- Contract number and effective dates;
- Contract amount and PWEF assessment charge (if contract amount has been amended, reflect increase or decrease to original contract and the adjustment in the PWEF charge); and
- Brief description of the work to be performed under each contract.

Checks and Journal Vouchers, payable to the "New York State Department of Labor" should be sent to:

Department of Labor
Administrative Finance Bureau-PWEF Unit
Building 12, Room 464
State Office Campus
Albany, NY 12226

Any questions regarding billing should be directed to NYSDOL's Administrative Finance Bureau-PWEF Unit at (518) 457-3624 and any questions regarding Public Work Contracts should be directed to the Bureau of Public Work at (518) 457-5589.



Required Notice under Article 25-B of the Labor Law

**Attention All Employees, Contractors and Subcontractors:
You are Covered by the Construction Industry Fair Play Act**

The law says that you are an employee unless:

- You are free from direction and control in performing your job, **and**
- You perform work that is not part of the usual work done by the business that hired you, **and**
- You have an independently established business.

Your employer cannot consider you to be an independent contractor unless all three of these facts apply to your work.

It is against the law for an employer to misclassify employees as independent contractors or pay employees off the books.

Employee Rights: If you are an employee, you are entitled to state and federal worker protections. These include:

- Unemployment Insurance benefits, if you are unemployed through no fault of your own, able to work, and otherwise qualified,
- Workers' compensation benefits for on-the-job injuries,
- Payment for wages earned, minimum wage, and overtime (under certain conditions),
- Prevailing wages on public work projects,
- The provisions of the National Labor Relations Act, and
- A safe work environment.

It is a violation of this law for employers to retaliate against anyone who asserts their rights under the law. Retaliation subjects an employer to civil penalties, a private lawsuit or both.

Independent Contractors: If you are an independent contractor, **you must pay all taxes and Unemployment Insurance contributions required by New York State and Federal Law.**

Penalties for paying workers off the books or improperly treating employees as independent contractors:

- **Civil Penalty**
 - First offense: Up to \$2,500 per employee
 - Subsequent offense(s): Up to \$5,000 per employee
- **Criminal Penalty**
 - First offense: Misdemeanor - up to 30 days in jail, up to a \$25,000 fine and debarment from performing public work for up to one year.
 - Subsequent offense(s): Misdemeanor - up to 60 days in jail or up to a \$50,000 fine and debarment from performing public work for up to 5 years.

If you have questions about your employment status or believe that your employer may have violated your rights and you want to file a complaint, call the Department of Labor at (866) 435-1499 or send an email to dol.misclassified@labor.ny.gov. All complaints of fraud and violations are taken seriously. You can remain anonymous.

Employer Name:

IA 999 (09/16)

WE ARE YOUR DOL



Department
of Labor

New York State Department of Labor
Bureau of Public Work

Attention Employees

THIS IS A: **PUBLIC WORK PROJECT**

If you are employed on this project as a **worker, laborer, or mechanic** you are entitled to receive the **prevailing wage and supplements rate** for the classification at which you are working.

Your pay stub and wage notice received upon hire must clearly state your wage rate and supplement rate.

Chapter 629 of
the Labor Laws
of 2007:

These wages are set by law and must be posted at the work site. They can also be found at:
<https://dol.ny.gov/bureau-public-work>



If you feel that you have not received proper wages or benefits,
please call our nearest office.*

Albany	(518) 457-2744	Patchogue	(631) 687-4882
Binghamton	(607) 721-8005	Rochester	(585) 258-4505
Buffalo	(716) 847-7159	Syracuse	(315) 428-4056
Garden City	(516) 228-3915	Utica	(315) 793-2314
New York City	(212) 932-2419	White Plains	(914) 997-9507
Newburgh	(845) 568-5287		

* For New York City government agency construction projects, please
contact the Office of the NYC Comptroller at (212) 669-4443, or
www.comptroller.nyc.gov – click on Bureau of Labor Law.

Contractor Name: _____

Project Location: _____

Requirements for OSHA 10 Compliance

Article 8 §220-h requires that when the advertised specifications, for every contract for public work, is \$250,000.00 or more the contract must contain a provision requiring that every worker employed in the performance of a public work contract shall be certified as having completed an OSHA 10 safety training course. The clear intent of this provision is to require that all employees of public work contractors, required to be paid prevailing rates, receive such training "prior to the performing any work on the project."

The Bureau will enforce the statute as follows:

All contractors and sub contractors must attach a copy of proof of completion of the OSHA 10 course to the first certified payroll submitted to the contracting agency and on each succeeding payroll where any new or additional employee is first listed.

Proof of completion may include but is not limited to:

- Copies of bona fide course completion card (*Note: Completion cards do not have an expiration date.*)
- Training roster, attendance record of other documentation from the certified trainer pending the issuance of the card.
- Other valid proof

****A certification by the employer attesting that all employees have completed such a course is not sufficient proof that the course has been completed.**

Any questions regarding this statute may be directed to the New York State Department of Labor, Bureau of Public Work at 518-457-5589.

WICKS

Public work projects are subject to the Wicks Law requiring separate specifications and bidding for the plumbing, heating and electrical work, when the total project's threshold is \$3 million in Bronx, Kings, New York, Queens and, Richmond counties; \$1.5 million in Nassau, Suffolk and Westchester counties; and \$500,000 in all other counties.

For projects below the monetary threshold, bidders must submit a sealed list naming each subcontractor for the plumbing, HVAC and electrical and the amount to be paid to each. The list may not be changed unless the public owner finds a legitimate construction need, including a change in specifications or costs or the use of a Project Labor Agreement (PLA), and must be open to public inspection.

Allows the state and local agencies and authorities to waive the Wicks Law and use a PLA if it will provide the best work at the lowest possible price. If a PLA is used, all contractors shall participate in apprentice training programs in the trades of work it employs that have been approved by the Department of Labor (DOL) for not less than three years. They shall also have at least one graduate in the last three years and use affirmative efforts to retain minority apprentices. PLA's would be exempt from Wicks, but deemed to be public work subject to prevailing wage enforcement.

The Commissioner of Labor shall have the power to enforce separate specification requirements on projects, and may issue stop-bid orders against public owners for non-compliance.

Other new monetary thresholds, and similar sealed bidding for non-Wicks projects, would apply to certain public authorities including municipal housing authorities, NYC Construction Fund, Yonkers Educational Construction Fund, NYC Municipal Water Finance Authority, Buffalo Municipal Water Finance Authority, Westchester County Health Care Association, Nassau County Health Care Corp., Clifton-Fine Health Care Corp., Erie County Medical Center Corp., NYC Solid Waste Management Facilities, and the Dormitory Authority.

Contractors must pay subcontractors within a 7 days period.

(07.19)

Introduction to the Prevailing Rate Schedule

Information About Prevailing Rate Schedule

This information is provided to assist you in the interpretation of particular requirements for each classification of worker contained in the attached Schedule of Prevailing Rates.

Classification

It is the duty of the Commissioner of Labor to make the proper classification of workers taking into account whether the work is heavy and highway, building, sewer and water, tunnel work, or residential, and to make a determination of wages and supplements to be paid or provided. It is the responsibility of the public work contractor to use the proper rate. If there is a question on the proper classification to be used, please call the district office located nearest the project. District office locations and phone numbers are listed below. Prevailing Wage Schedules are issued separately for "General Construction Projects" and "Residential Construction Projects" on a county-by-county basis.

General Construction Rates apply to projects such as: Buildings, Heavy & Highway, and Tunnel and Water & Sewer rates. Residential Construction Rates generally apply to construction, reconstruction, repair, alteration, or demolition of one family, two family, row housing, or rental type units intended for residential use. Some rates listed in the Residential Construction Rate Schedule have a very limited applicability listed along with the rate. Rates for occupations or locations not shown on the residential schedule must be obtained from the General Construction Rate Schedule. Please contact the local Bureau of Public Work office before using Residential Rate Schedules, to ensure that the project meets the required criteria.

*Contractor Registry (LL 220-I): Effective December 30th, 2024

Labor Law Section 220-i(6) prohibits contractors from bidding on public work and prohibits both contractors and subcontractors from commencing work on private and public projects subject to prevailing wage requirements. This section requires contractors to submit their Certificate of Registration with their bid materials. Each Certificate of Registration will have a unique registration number. Failure to provide proof of registration, as required by Labor Law Section 220-i, as a minimum qualification will result in the bidder being deemed non-responsive. There is a public database of registered contractors and subcontractors available online at [data.ny.gov](https://dol.ny.gov/public-work-contractor-and-subcontractor-registry-landing) to confirm registration validity. For additional information on how to register and the requirements, visit <https://dol.ny.gov/public-work-contractor-and-subcontractor-registry-landing>

*Electronic Certified Payroll (LL 220-J): Effective December 31st, 2025

Effective December 31, 2025, all contractors and subcontractors who perform public work, or covered private work subject to the prevailing wage, will be required to submit certified payrolls electronically to the Bureau of Public Work and Prevailing Wage Enforcement. Additional information about the electronic certified payroll submission system will be made available on the Department's Website at <https://dol.ny.gov/Electronic-Payroll>

Payrolls and Payroll Records

Every contractor and subcontractor MUST keep original payrolls or transcripts subscribed and affirmed as true under penalty of perjury. Payrolls must be maintained for at least three (3) years from the projects date of completion. Additionally, as per Article 6 of the Labor Law, contractors and subcontractors are required to establish, maintain, and preserve for not less than six (6) years, contemporaneous, true, and accurate payroll records.

At a minimum, payrolls must show the following information for each person employed on a public work project: Name; Address, Last 4 Digits of Social Security number, Classification(s) in which the worker was employed, Hourly wage rate(s) paid, Supplements paid or provided, and Daily and weekly number of hours worked in each classification.

Payroll records and transcripts are required to be kept on site during all the time that work under that contract is being performed.

NOTE: For more detailed information regarding Article 9 prevailing wage contracts, please refer to "General Provisions of Laws Covering Workers on Article 9 Public Work Building Service Contracts".

If you have any questions concerning the attached schedule or would like additional information, please write to:

New York State Department of Labor
Bureau of Public Work
State Office Campus, Bldg. 12
Albany, NY 12240

OR

Contact the nearest BUREAU of PUBLIC WORK District Office

District Office Locations:	Telephone #	FAX #
Bureau of Public Work - Albany	518-457-2744	518-485-0240
Bureau of Public Work - Binghamton	607-721-8005	607-721-8004

Bureau of Public Work - Buffalo	716-847-7159	716-847-7650
Bureau of Public Work - Garden City	516-228-3915	516-794-3518
Bureau of Public Work - Newburgh	845-568-5287	845-568-5332
Bureau of Public Work - New York City	212-932-2419	212-775-3579
Bureau of Public Work - Patchogue	631-687-4882	631-687-4902
Bureau of Public Work - Rochester	585-258-4505	585-258-4708
Bureau of Public Work - Syracuse	315-428-4056	315-428-4671
Bureau of Public Work - Utica	315-793-2314	315-793-2514
Bureau of Public Work - White Plains	914-997-9507	914-997-9523
Bureau of Public Work - Central Office	518-457-5589	518-485-1870

Paid Holidays

Paid Holidays are days for which an eligible employee receives a regular day's pay, but is not required to perform work. If an employee works on a day listed as a paid holiday, this remuneration is in addition to payment of the required prevailing rate for the work actually performed.

Overtime

At a minimum, all work performed on a public work project in excess of eight hours in any one day or more than five days in any workweek is overtime. However, the specific overtime requirements for each trade or occupation on a public work project may differ. Specific overtime requirements for each trade or occupation are contained in the prevailing rate schedules.

Overtime holiday pay is the premium pay that is required for work performed on specified holidays. It is only required where the employee actually performs work on such holidays.

The applicable holidays are listed under HOLIDAYS: OVERTIME. The required rate of pay for these covered holidays can be found in the OVERTIME PAY section listings for each classification.

Supplemental Benefits

Particular attention should be given to the supplemental benefit requirements. Although in most cases the payment or provision of supplements is straight time for all hours worked, some classifications require the payment or provision of supplements, or a portion of the supplements, to be paid or provided at a premium rate for premium hours worked. Supplements may also be required to be paid or provided on paid holidays, regardless of whether the day is worked. The Overtime Codes and Notes listed on the particular wage classification will indicate these conditions as required.

Effective Dates

When you review the schedule for a particular occupation, your attention should be directed to the dates above the column of rates. These are the dates for which a given set of rates is effective. The rate listed is valid until the next effective rate change or until the new annual determination which takes effect on July 1 of each year.

All contractors and subcontractors are required to pay the current prevailing rates of wages and supplements. If you have any questions please contact the Bureau of Public Work or visit the New York State Department of Labor website (www.labor.ny.gov) for current wage rate information.

Shift Work

If the timeline of the contract requires shift work be performed to meet deadlines, the BPWE will enforce the shift work rate as the required rate on the project whether or not shift work is specifically addressed in the contract.

Paid Prenatal Leave

Every employer shall be required to provide to its employees twenty hours of paid prenatal personal leave during any fifty-two week calendar period. Paid prenatal personal leave shall mean leave taken for the health care services received by an employee during their pregnancy or related to such pregnancy, including physical examinations, medical procedures, monitoring and testing, and discussions with a healthcare provider related to the pregnancy. Paid prenatal personal leave may be taken in hourly increments. Benefits for paid prenatal personal leave shall be paid in hourly installments. Employees shall receive compensation at the employee's regular rate of pay, or the applicable minimum wage established by the labor law, whichever is greater, for the use of Paid Prenatal leave.

Apprentice Training Ratios

The following are the allowable ratios of registered Apprentices to Journey-workers.

For example, the ratio 1:1,1:3 indicates the allowable initial ratio is one Apprentice to one Journeyworker. The Journeyworker must be in place on the project before an Apprentice is allowed. Then three additional Journeyworkers are needed before a second Apprentice is allowed. The last ratio repeats indefinitely. Therefore, three more Journeyworkers must be present before a third Apprentice can be hired, and so on.

Please call Apprentice Training Central Office at (518) 457-6820 if you have any questions.

Title (Trade)	Ratio
Boilermaker (Construction)	1:1,1:4
Boilermaker (Shop)	1:1,1:3
Carpenter (Bldg.,H&H, Pile Driver/Dockbuilder)	1:1,1:4
Carpenter (Residential)	1:1,1:3
Electrical (Outside) Lineman	1:1,1:2
Electrician (Inside)	1:1,1:3
Elevator/Escalator Construction & Modernizer	1:1,1:2
Glazier	1:1,1:3
Insulation & Asbestos Worker	1:1,1:3
Iron Worker	1:1,1:4
Laborer	1:1,1:3
Mason	1:1,1:4
Millwright	1:1,1:4
Op Engineer	1:1,1:5
Painter	1:1,1:3
Plumber & Steamfitter	1:1,1:3
Roofer	1:1,1:2
Sheet Metal Worker	1:1,1:3
Sprinkler Fitter	1:1,1:2

If you have any questions concerning the attached schedule or would like additional information, please contact the nearest BUREAU of PUBLIC WORK District Office or write to:

New York State Department of Labor
Bureau of Public Work
State Office Campus, Bldg. 12
Albany, NY 12226

District Office Locations:	Telephone #	FAX #
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Bureau of Public Work - Garden City	516-228-3915	516-794-3518
Bureau of Public Work - Newburgh	845-568-5287	845-568-5332
Bureau of Public Work - New York City	212-932-2419	212-775-3579
Bureau of Public Work - Patchogue	631-687-4882	631-687-4902
Bureau of Public Work - Rochester	585-258-4505	585-258-4708
Bureau of Public Work - Syracuse	315-428-4056	315-428-4671
Bureau of Public Work - Utica	315-793-2314	315-793-2514
Bureau of Public Work - White Plains	914-997-9507	914-997-9523
Bureau of Public Work - Central Office	518-457-5589	518-485-1870

Erie County General Construction

Boilermaker

10/01/2025

JOB DESCRIPTION Boilermaker

DISTRICT 12

ENTIRE COUNTIES

Allegany, Cattaraugus, Chautauqua, Chemung, Erie, Genesee, Livingston, Monroe, Niagara, Ontario, Orleans, Schuyler, Steuben, Wayne, Wyoming, Yates

WAGES

Per hour:	07/01/2025	01/01/2026
		Additional
Boilermaker	\$ 39.35	\$ 2.50*

The wage rate will be 90% of the above for Maintenance work on boilers less than 100,000 pph.

*To be allocated at a later date.

SUPPLEMENTAL BENEFITS

Per hour: \$ 33.52*

*NOTE: \$32.03 of this amount is for every Hour "Paid"

OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES

1st Term at 12 Months

Terms 3-8 at 6 Months

Per Hour:

1st 65%					
3rd 70%	4th 75%	5th 80%	6th 85%	7th 90%	8th 95%

Supplemental Benefits per hour:

All Terms \$ 33.52**

**NOTE: \$32.03 of this amount is for every Hour "Paid"

12-7

Broadband

10/01/2025

JOB DESCRIPTION Broadband

DISTRICT 4

ENTIRE COUNTIES

Albany, Allegany, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Lewis, Livingston, Madison, Monroe, Montgomery, Niagara, Oneida, Onondaga, Ontario, Orleans, Oswego, Otsego, Rensselaer, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Wyoming, Yates

PARTIAL COUNTIES

Orange: Only in the Village of Greenwood Lake, Village of Highland Falls, Town of Tuxedo, and Town of Patterson

WAGES

NOTE: Applies to all public work and covered private projects, including those receiving ConnectAll funding subject to New York State Labor Law §224-E, solicited on or after July 1, 2025. For all other projects solicited prior to July 1, 2025 please see LINEMAN ELECTRICIAN-TELEDATA

Per Hour:	07/01/2025	08/04/2025
Field Tech	\$ 51.31	\$ 52.85
Install/Repair		

For outside work (excluding installation on building construction/alteration/renovation projects), stopping at first point of attachment (demarcation), installing/maintaining/repairing broadband internet service.

"Broadband", "Broadband Service", or "Broadband Internet" means mass-market retail service by wire or radio that provides the capability to transmit data to and receive data from all or substantially all internet endpoints, including any capabilities that are incidental to and enable the operation of the communications service, but excluding dial-up internet access service.

Note: EXCLUDES work within ten (10) feet of High Voltage (600 Volts and over) transmission lines for this work, please see LINEMAN

SUPPLEMENTAL BENEFITS

Per Hour:

\$ 23.24

OVERTIME PAY

See (B, K, *R) on OVERTIME PAGE

* Two and one half times the hourly rate after the 8th hour

HOLIDAY

Paid: See (5, 6, 7, 11, 12) on HOLIDAY PAGE

Overtime: See (5, 6, 7, 11, 12) on HOLIDAY PAGE

4-CWA-Dist2

Carpenter - Building

10/01/2025

JOB DESCRIPTION Carpenter - Building

DISTRICT 12

ENTIRE COUNTIES

Erie

PARTIAL COUNTIES

Cattaraugus: Townships of Persia and Perrysburg

WAGES

Per hour:	07/01/2025	07/01/2026
Building:		Additional
		\$4.00/Hr
Carpenter	\$ 34.97	
Certified Welder	35.97	
Hazardous Waste Worker	36.47	
Diver-Wet Day***	61.25	
Diver-Dry Day	35.97	

Hazardous Waste Worker: Hazardous sites requiring personal protective equipment.

*** Diver rate applies to all hours worked on the day of dive.

Depth pay for divers:	0' to 80'	no additional fee
	81' to 100'	additional \$0.50 per foot
	101' to 150'	additional \$0.75 per foot
	151' to 200'	additional \$1.25 per foot
Penetration pay:	0' to 50'	no additional fee
	51' to 100'	additional \$0.75 per foot
	101'to 200'	additional \$1.00 per foot

SHIFT WORK

On Contracting Agency mandated shift work, the following rates will be applicable:

1st Shift - Regular Rate

2nd Shift - Premium of 7% of base wage per hour

3rd Shift - Premium of 14% of base wage per hour

Shift work shall be defined as implementing at least two (2) shifts in a twenty-four (24) consecutive hour period. Shift work must be for a minimum of three (3) consecutive days.

SUPPLEMENTAL BENEFITS

Per hour worked:

Carpenter(s)	\$ 29.66
Diver(s)	29.66

OVERTIME PAY

See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY

Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages per hour:

One year terms at the following percentage of Journeyman's base wage:

Carpenter Apprentices:

1st	2nd	3rd	4th
65%	70%	75%	80%

Supplemental Benefits per hour worked:

1st	2nd	3rd	4th
\$12.80	\$12.80	\$15.40	\$15.40

12-276B-Cat

Carpenter - Building / Heavy&Highway

10/01/2025

JOB DESCRIPTION Carpenter - Building / Heavy&Highway

DISTRICT 2

ENTIRE COUNTIES

Albany, Allegany, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Lewis, Livingston, Madison, Monroe, Montgomery, Niagara, Oneida, Onondaga, Ontario, Orleans, Oswego, Otsego, Rensselaer, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Wyoming, Yates

PARTIAL COUNTIES

Orange: The area lying on Northern side of Orange County demarcated by a line drawn from the Bear Mountain Bridge continuing west to the Bear Mountain Circle, continue North on 9W to the town of Cornwall where County Road 107 (also known as Quaker Rd) crosses under 9W, then east on County Road 107 to Route 32, then north on Route 32 to Orrs Mills Rd, then west on Orrs Mills Rd to Route 94, continue west and south on Route 94 to the Town of Chester, to the intersection of Kings Highway, continue south on Kings Highway to Bellvale Rd, west on Bellvale Rd to Bellvale Lakes Rd, then south on Bellvale Lakes Rd to Kain Rd, southeast on Kain Rd to Route 17A, then north and southeast along Route 17A to Route 210, then follow Route 210 to NJ Border.

WAGES

Wages per hour:	07/01/2025	07/01/2026 Additional	07/01/2027 Additional
Carpenter - ONLY for Artificial Turf/Synthetic Sport Surface	\$ 37.94	\$ 2.25*	\$ 2.25*

* To be allocated at a later date.

Note - Does not include the operation of equipment. Please see Operating Engineers rates.

SUPPLEMENTAL BENEFITS

Per hour worked:

Journeyworker \$ 27.34

OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (5) on HOLIDAY PAGE
Overtime: See (5, 6, 16) on HOLIDAY PAGE

Notes:

When a holiday falls upon a Saturday, it shall be observed on the preceding Friday. When a holiday falls upon a Sunday, it shall be observed on the following Monday.

An employee taking an unexcused day off the regularly scheduled day before or after a paid Holiday shall not receive Holiday pay.

REGISTERED APPRENTICES

Wages per hour (1300 hour terms at the following percentage of Journeyworker's wage):

1st	2nd	3rd	4th
65%	70%	75%	80%

Supplemental Benefits per hour worked:

\$19.10	\$19.69	\$21.83	\$22.42
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2-42AtSS

Carpenter - Heavy&Highway

10/01/2025

JOB DESCRIPTION Carpenter - Heavy&Highway

DISTRICT 12

ENTIRE COUNTIES

Erie

WAGES

Per hour:	07/01/2025	07/01/2026 Additional
Carpenter	\$ 43.08	\$2.65
Certified Welder	48.08	
Hazardous Waste Worker	45.58	
Pile Driver	43.08	

Pile Driver Welder	48.08
Piledriver Hazardous W W	45.58
Diver-Wet Day	68.08
Diver-Dry Day & Tender	44.08
Effluent & Slurry Diver-Wet Day	102.12
Effluent & Slurry Diver-Dry Day	66.12

NOTE ADDITIONAL AMOUNTS PAID FOR THE FOLLOWING WORK LISTED (per hour worked):

- State designated hazardous site, requiring protective gear shall be an additional \$2.50 per hour.
- Certified Welders when required to perform welding work will receive an additional \$2.50 per hour.

**** Diver rate applies to all hours worked on the day of dive.**

Depth pay for divers:	0' to 50'	no additional fee
	51'to 100'	additional \$0.50 per foot
	101' to 150'	additional \$0.75 per foot
	151' to 200'	additional \$1.25 per foot
	201' and deeper	additional \$1.50 per foot

Penetration pay:	0' to 50'	no additional fee
	51' to 100'	additional \$0.75 per foot
	101' to 200'	additional \$1.00 per foot
	201' and Deeper	additional \$1.25 per foot

SUPPLEMENTAL BENEFITS

Per hour worked:

Carpenter(s)	\$ 32.85
Pile Driver(s)	32.85
Diver(s)	32.85

OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (5, 6) on HOLIDAY PAGE

In the event a Holiday falls on a Saturday, the Friday before will be observed as a Holiday. If a Holiday falls on a Sunday, then Monday will be observed as a Holiday. Employee must work scheduled workday before and after the Holiday.

REGISTERED APPRENTICES

Wages per hour:

One year terms at the following percentage of Journeyman's wage:

Carpenter Apprentice:

1st	2nd	3rd	4th
65%	70%	75%	80%

Pile Driver Apprentice (1300hour terms at percentage of Pile Driver Rate)

1st	2nd	3rd	4th
65%	70%	75%	80%

Supplemental benefits Carpenter/Pile Driver per hour worked:

1st	2nd	3rd	4th
\$ 19.95	\$ 20.61	\$ 22.83	\$ 23.49

12-276HH-Erie

Electrician

10/01/2025

JOB DESCRIPTION Electrician

DISTRICT 3

ENTIRE COUNTIES

Erie

PARTIAL COUNTIES

Cattaraugus: Only the Townships of Ashford, East Otto, Ellicottville, Farmersville, Freedom, Franklinville, Lyndon, Machias, Mansfield, New Albion, Otto, Perrysburg, Persia and Yorkshire.

Genesee: Only the Townships of Alabama, Alexander, Darien, Oakfield, Pembroke and that portion of the Towns of Batavia and Elba that are west of Little Tonawanda Creek; Tonawanda Creek; the City limits of Batavia (in effect prior to Feb. 1, 1970) and State Highway 98 north of the City of Batavia, then north on Highway 98 to the Orleans County line.

Wyoming: Only the Townships of Arcade, Attica, Bennington, Eagle, Java, Orangeville, Sheldon and Wethersfield.

WAGES

Per hour:	07/01/2025	06/01/2026	05/31/2027
		Additional	Additional
Electrician*	\$ 44.50	\$4.50	\$5.50

* Includes teledata work

Additional \$0.50/hr in shafts over 25 ft. deep and in underground tunnels over 75 ft. long.

Additional \$0.75/hr for work on toothpicks, structural steel, temporary platforms, swinging scaffolds, boatswain chairs, smoke stacks or water towers 30 ft above the floor or for work on rolling scaffolds and ladders over 50 ft.

Additional \$1.50/hr for Cable Splicers on such work as lead, and shielded cable and splices or terminations on cable 5KV and above.

Additional \$1.00/hr for Hot work (Atomic plants).

Additional \$2.00/hr for work on radio, TV, light towers and floating platforms or climbing ladders in excess of 100 ft. high.

SHIFT WORK

When shift work is mandated either in the job specification or by the contracting agency the following premiums apply:

17.3% for work from 4:30PM - 1:00AM

31.4% for work from 12:30AM - 9:00AM

SUPPLEMENTAL BENEFITS

Per hour:

\$ 33.38*

* NOTE - add 6% of the posted straight time or applicable premium wage rate.

OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages per hour:

Hour terms at the following wages:

0 to 1000 to 2000 to 3500 to 5000 to 6500 to 8200

\$ 22.25 \$ 26.70 \$ 28.95 \$ 31.15 \$ 33.40 \$ 37.85

Supplemental benefits per hour:

0 to 2000 to 6500 to 8200

\$ 15.05* \$ 26.40* \$ 33.38*

* NOTE - add 6% of the posted straight time or applicable premium wage rate.

3-41

Elevator Constructor

10/01/2025

JOB DESCRIPTION Elevator Constructor

DISTRICT 3

ENTIRE COUNTIES

Allegany, Cattaraugus, Chautauqua, Erie, Genesee, Niagara, Orleans, Wyoming

WAGES

Per hour: 07/01/2025

Elevator Constructor \$ 62.39

Helper 43.67

SUPPLEMENTAL BENEFITS

Per hour:

\$ 38.44

Note - add 6% of regular hourly rate for all hours worked.

OVERTIME PAY

See (D, O) on OVERTIME PAGE

HOLIDAY

Paid: See (5, 6, 15, 16) on HOLIDAY PAGE

Overtime: See (5, 6, 15, 16) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages per hour:

One year (1,700 hour each) terms at the following percentage of Journeyman's wage:

1st*	2nd	3rd	4th
55%	65%	70%	80%

*Note - 0-6 months of the 1st year term is paid at 50% of Journeyman's wage with no Supplemental benefits.

Supplemental benefits per hour:

\$ 38.44

Note - add 6% of regular hourly rate for all hours worked.

3-14

Glazier

10/01/2025

JOB DESCRIPTION Glazier

DISTRICT 3

ENTIRE COUNTIES

Allegany, Cattaraugus, Chautauqua, Erie, Genesee, Niagara, Orleans, Wyoming

WAGES

Per hour: 07/01/2025

Glazier \$ 34.68

Working off Suspended

Scaffold (Swing Stage) 36.68

Maintenance 22.45*

* Note - This rate to be used only for all repair and replacement work such as glass breakage, glass replacement, door repair and board ups.

SUPPLEMENTAL BENEFITS

Per hour:

Journeyman Glazier \$ 28.79

Maintenance 18.66

OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE for Glazier and Glazier Apprentice

Paid: See (5, 6) on HOLIDAY PAGE for Maintenance

Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages per hour:

Glazier: 1000 hour terms at the following percentage of Journeyman's wage:

1st	2nd	3rd	4th	5th	6th	7th	8th
\$ 20.50	\$ 21.50	\$ 22.50	\$ 23.50	\$ 24.50	\$ 25.50	\$ 26.50	\$ 27.50

Supplemental benefits per hour:

1st & 2nd terms \$ 8.65

3rd & 4th terms 11.15

5th & 6th terms 12.65

7th & 8th terms 14.15

3-660

Insulator - Heat & Frost

10/01/2025

JOB DESCRIPTION Insulator - Heat & Frost

DISTRICT 3

ENTIRE COUNTIES

Allegany, Cattaraugus, Chautauqua, Erie, Niagara, Wyoming

PARTIAL COUNTIES

Genesee: Only the Townships of Alabama, Alexander, Darien, Oakfield and Pembroke.

WAGES

Per Hour: 07/01/2025

Heat & Frost Insulator \$ 37.65

SUPPLEMENTAL BENEFITS

Per hour:

\$ 30.79

OVERTIME PAY

See (B, *E, **Q) on OVERTIME PAGE

* Note - Double time after 10 hours on Saturday.
** Note - Triple time on Labor Day if WORKED.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages per hour:

One year terms at the following percentage of Journeyman's wage:

1st	2nd	3rd	4th
60%	70%	75%	80%

Supplemental Benefits per hour:

1st	\$ 9.51
2nd	13.09
3rd	30.79
4th	30.79

3-4

Ironworker

10/01/2025

JOB DESCRIPTION Ironworker

DISTRICT 3

ENTIRE COUNTIES

Cattaraugus, Chautauqua

PARTIAL COUNTIES

Allegany: Entire county except the Towns of Birdsall, Burns and Grove.

Erie: All except the Town of Grand Island north of Whitehaven Road.

Genesee: Only the Townships of Alabama, Alexander, Darien and Pembroke

Steuben: Only the Townships of Canisteo, Freemont, Greenwood, Hartsville, Hornell, Hornellsville, Howard, Jasper, Troupsburg and West Union

Wyoming: Only the Townships of Arcade, Attica, Bennington, Eagle, Gainsville, Java, Orangeville, Pike, Sheldon, Warsaw and Wethersfield.

WAGES

Per hour: 07/01/2025

Structural	\$ 36.76
Ornamental	36.76
Layout	36.76
Rodmen	36.76
Reinforcing	36.76
Welders	36.76
Riggers & Mach. Movers	36.76
Curtain Wall Erector	36.76
Window Erector	34.31
Fence Erector	35.21

SHIFT WORK

When shift work is mandated either in the job specification or by the contracting agency the following premiums apply:

10% for second shift work from 2:00PM - 7:00PM

15% for third shift work from 7:00PM - 12:00AM

When a single irregular shift is worked outside the standard workday with the start times based on second and third shifts, a 10% premium on hours worked applies.

SUPPLEMENTAL BENEFITS

Per hour:

Fence Erectors	\$ 32.62
All others	34.12

OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages per hour:

One year terms at the following wage:

1st	2nd	3rd	4th
\$ 21.50	\$ 23.50	\$ 25.50	\$ 27.50

Supplemental benefits per hour:

1st	2nd	3rd	4th
\$ 15.57	\$ 25.88	\$ 27.35	\$ 28.83

3-6

Ironworker

10/01/2025

JOB DESCRIPTION Ironworker

DISTRICT 3

ENTIRE COUNTIES

Niagara

PARTIAL COUNTIES

Erie: Only that portion of the Township of Grand Island north of Whitehaven Road.

Orleans: Only the Townships of Ridgeway, Shelby and Yates.

WAGES

Per hour: 07/01/2025

Structural	\$ 36.25
Ornamental	36.25
Reinforcing	36.25
Rigger & Mach. Mover	36.25
Pre-Engineered	36.25
Fence Erector	36.25
Pre-Cast Erector	36.25
Welder	36.25
Window Erector	36.25

SHIFT WORK

When shift work is mandated either in the job specification or by the contracting agency the following premiums apply:

10% for second shift work from 2:00PM - 7:00PM

15% for third shift work from 7:00PM - 12:00AM

When a single irregular shift is worked outside the standard workday with the start times based on second and third shifts, a 10% premium on hours worked applies.

SUPPLEMENTAL BENEFITS

Per hour: \$ 34.94

OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages per hour:

One year terms at the following wage:

1st term	\$ 21.50
2nd term	23.50
3rd term	25.50
4th term	27.50

Supplemental benefits per hour:

1st term	\$ 13.78
2nd term	21.87
3rd term	23.02
4th term	24.18

3-9

Laborer - Building

10/01/2025

JOB DESCRIPTION Laborer - Building

DISTRICT 3

ENTIRE COUNTIES

Erie

PARTIAL COUNTIES

Cattaraugus: Only the Townships of Perrysburg and the Village Gowanda.

WAGES

CLASS A: Basic, Safety Man, Flagman, Tool Room Man, Nurseryman, Demolition Worker, Top Man, Wrecker, IBC Barriers Except on Structures, Guard Rail, Asphalt Shovelers, Foundation Laborer over 8' in Depth, Hod Carriers, Plaster Tender, Plaster Scaffold Builder, Pneumatic Gas, Electric Tool Operator including all forms of Busters, Jackhammers and Chipping Guns, Steel Burners.

CLASS B: Mortar Mixer, Asphalt Smoothers, Pneumatic Gas, Electric Tool Operator including all forms of Busters, Jackhammers and Chipping Guns over 8' in depth.

CLASS C: Worker on any Swing Scaffold, Blaster, Plumbing Laborer, Wagon Drill Operator, Bottomman (caisson or cofferdam), Laser Setter, Asphalt Rakers, Asphalt Screed Man.

CLASS D: Stone Cutter, Curb Setter and Flag Layer.

CLASS E: Asbestos Removal, Deleader.

CLASS F: Hazardous Waste Worker.

*For wearing of replaceable cartridge respirator in excess of 2 hours per day - add \$1.00 to Group A rate.

Per hour:	07/01/2025	07/01/2026
Building Laborer:		Additional
CLASS A	\$ 32.83	\$1.75
CLASS B	33.00	\$1.75
CLASS C	33.11	\$1.75
CLASS D	33.58	\$1.75
CLASS E	34.33	\$1.75
CLASS F	34.83	\$1.75

SUPPLEMENTAL BENEFITS

Per hour:

\$ 29.00

OVERTIME PAY

See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (22) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages per hour:

Hour terms at the following percentage of Journeyman's wage:

0 to 1500 to 3000 to 4000
70% 80% 90%

Supplemental benefits per hour:

\$ 29.00

3-210b

Laborer - Heavy&Highway

10/01/2025

JOB DESCRIPTION Laborer - Heavy&Highway

DISTRICT 3

ENTIRE COUNTIES

Erie

WAGES

Heavy/Highway Laborer:

GROUP A: Basic, Drill Helper, Flagman, Outboard and Hand Boats, Demolition Worker, Nurseryman, IBC Barriers (except on structures), Guard Rails, Road Markers.

GROUP B: Grade Checker, Chain Saw, Concrete Aggregate Bin, Concrete Bootmen, Gin Buggy, Hand or Machine Vibrator, Jack Hammer, Mason Tender, Mortar Mixer, Pavement Breaker, Handlers of Steel Mesh, Small Generators for Laborers' Tools, Pipe Layers, Vibrator Type Rollers, Tamper, Drill Doctor, Tail or Screw Operator on Asphalt Paver, Water Pump Operators (2" and Single Diaphragm), Nozzle (Asphalt, Guniting, Seeding, and Sand Blasting), Laborers on Chain Link Fence Erection, Rock Splitter and Power Unit, Pusher Type Concrete Saw and all other Gas, Electric, Oil and Air Tool Operators, Wrecking Laborer and Laser Man.

GROUP C: All Rock or Drilling Machine Operators (Except Quarry Master and Similar Type), Acetylene Torch Operators, Asphalt Raker, Powderman and Welder.

GROUP D: Blasters, Curb and Flatwork Formsetter not on structures, Stone or Granite Curb Setters and Stone Cutter.

Per hour:	07/01/2025	07/01/2026
Heavy/Highway Laborer:		Additional
GROUP A	\$ 37.66	\$2.25
GROUP B	37.86	\$2.25
GROUP C	38.06	\$2.25
GROUP D	38.26	\$2.25

For all Deleader & Asbestos work add \$1.50 to Group A rate.

For all Hazardous waste work add \$2.00 to Group A rate.

For wearing of replaceable cartridge respirator in excess of 2 hours per day - add \$1.00 to Group A rate.

Sewer/Water Laborer:

GROUP A: Basic, Flagman, Top man, Wreckers.

GROUP B: Foundation, Plaster tender, Scaffold bootman, Pneumatic, gas, electric, tool operator, jackhammer, chipping guns.

GROUP C: Mortar Mixer, over 8 ft. in depth.

GROUP D: Pavement formsetter, Steelburner, Caisson, Wagon Drill Oper., PipeLayer, Swing Scaffold.

GROUP E: Utility pave driver, Laser operator.

GROUP F: Blaster.

Per hour:	07/01/2025
Sewer/Water Laborer:	
GROUP A	\$ 37.66
GROUP B	37.76
GROUP C	37.81
GROUP D	37.91
GROUP E	38.26
GROUP F	38.66

For all Deleader & Asbestos work add \$1.50 to Group A rate.

For all Hazardous waste work add \$2.00 to Group A rate.

SHIFT WORK

An additional \$4.00 per hour is required when an irregular work shift starting any time from 3:30PM to 1:00AM is mandated either in the job specification or by the contracting agency.

SUPPLEMENTAL BENEFITS

Per hour:

\$ 30.40

OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (5, 6) on HOLIDAY PAGE

Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages per hour:

Hour terms at the following percentage of Journeyman's wage:

0 to 1500 to 3000 to 4000
70% 80% 90%

Supplemental benefits per hour:

\$ 30.40

3-210h

Laborer - Tunnel

10/01/2025

JOB DESCRIPTION Laborer - Tunnel

DISTRICT 3

ENTIRE COUNTIES

Erie

WAGES

CLASS A: Mole Nipper, Powder Handler, Changehouse Attendant and Top Laborer.

CLASS B: Air Spade, Jackhammer, Pavement Breaker.

CLASS C: Top Bell.

CLASS D: Bottom Bell, Side or Roofbelt Driller, Maintenance men, Burners, Block Layers, Rodmen, Caulkers, Miners helper, Trackmen, Nippers, Derailmen, Electrical Cablemen, Hosemen, Groutmen, Gravelmen, Form Workers, Movers and Shaftmen, Conveyor men.

CLASS E: Powder Monkey.

CLASS F: Blasters, Ironmen and Cement Worker, Miner, Welder, Heading Driller.

CLASS G: Steel Erectors, Piledriver, Rigger.

Per hour: 07/01/2025

Tunnel Laborer:

CLASS A \$ 39.16

CLASS B 39.31

CLASS C 39.41

CLASS D 39.91

CLASS E 40.01

CLASS F 40.41

CLASS G 40.66

For all Deleader & Asbestos work add \$1.50 to Class A rate.

For all Hazardous waste add \$2.00 to Class A rate.

For wearing of replaceable cartridge respirator in excess of 2 hours per day - add \$1.00 to Group A rate.

SHIFT WORK

An additional \$4.00 per hour is required when a single irregular work shift starting any time from 3:30PM to 1:00AM is mandated either in the job specification or by the contracting agency.

SUPPLEMENTAL BENEFITS

Per hour:

\$ 30.40

OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (5, 6) on HOLIDAY PAGE

Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages per hour:

Hour terms at the following percentage of Journeyman's wage:

0 to 1500 to 3000 to 4000

70% 80% 90%

Supplemental benefits per hour:

\$ 30.40

3-210t

Lineman Electrician

10/01/2025

JOB DESCRIPTION Lineman Electrician

DISTRICT 6

ENTIRE COUNTIES

Albany, Allegany, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Lewis, Livingston, Madison, Monroe, Montgomery, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Rensselaer, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Wyoming, Yates

WAGES

A Lineman/Technician shall perform all overhead aerial work. A Lineman/Technician on the ground will install all electrical panels, connect all grounds, install and connect all electrical conductors, assembly of all electrical materials, conduit, pipe, or raceway; placing of fish wire; pulling of cables, wires or fiber optic cable through such raceways; splicing of conductors; dismantling of such structures, lines or equipment.

Crane Operators: Operation of any type of crane on line projects.

Crawler Backhoe: Operation of tracked excavator/crawler backhoe with 1/2 yard bucket or larger on line projects.

Digging Machine Operator: All other digging equipment and augering on line projects.

A Groundman/Truck Driver shall: Build and set concrete forms, handle steel mesh, set footer cages, transport concrete in a wheelbarrow, hand or machine concrete vibrator, finish concrete footers, mix mortar, grout pole bases, cover and maintain footers while curing in cold weather, operate jack hammer, operate hand pavement breaker, tamper, concrete and other motorized saws, as a drill helper, operate and maintain generators, water pumps, chainsaws, sand blasting, operate mulching and seeding machine, air tools, electric tools, gas tools, load and unload materials, hand shovel and/or broom, prepare and pour mastic and other fillers, assist digger operator/equipment operator in ground excavation and restoration, landscape work and painting. Only when assisting a lineman technician, a groundman/truck driver may assist in installing conduit, pipe, cables and equipment.

NOTE: Includes Teledata Work within ten (10) feet of High Voltage Transmission Lines. Also includes digging of holes for poles, anchors, footer, and foundations for electrical equipment.

—Below rates applicable on all overhead and underground distribution and maintenance work, and all overhead and underground transmission line work and the installation of fiber optic cable where no other construction trades are or have been involved. Includes access matting for line work.

Per hour:	07/01/2025	05/04/2026	05/03/2027	05/01/2028
Group A:				
Lineman, Technician	\$ 61.56	\$ 64.37	\$ 66.84	\$ 69.47
Crane, Crawler Backhoe	61.56	64.37	66.84	69.47
Welder, Cable Splicer	61.56	64.37	66.84	69.47
Group B:				
Digging Mach. Operator	\$ 55.40	\$ 57.93	\$ 60.16	\$ 62.52
Group C:				
Tractor Trailer Driver	\$ 52.33	\$ 54.71	\$ 56.81	\$ 59.05
Groundman, Truck Driver	49.25	51.50	53.47	55.58
Equipment Mechanic	49.25	51.50	53.47	55.58
Group D:				
Flagger	\$ 33.86	\$ 35.40	\$ 36.76	\$ 38.21

Additional 3% per hour above regular rate for entire crew when a helicopter is used. This will increase to 5% on May 03, 2027.

—Below rates applicable on all electrical sub-stations, switching structures, fiber optic cable and all other work not defined as "Utility outside electrical work." Includes access matting for line work.

Group A:				
Lineman, Technician	\$ 61.56	\$ 64.37	\$ 66.84	\$ 69.47
Crane, Crawler Backhoe	61.56	64.37	66.84	69.47
Cable Splicer	67.72	70.81	73.52	76.42
Certified Welder, Pipe Type Cable	\$ 64.64	\$ 67.59	\$ 70.18	\$ 72.94
Group B:				
Digging Mach. Operator	\$ 55.40	\$ 57.93	\$ 60.16	\$ 62.52
Group C:				
Tractor Trailer Driver	\$ 52.33	\$ 54.71	\$ 56.81	\$ 59.05
Groundman, Truck Driver	49.25	51.50	53.47	55.58
Equipment Mechanic	49.25	51.50	53.47	55.58
Group D:				
Flagger	\$ 33.86	\$ 35.40	\$ 36.76	\$ 38.12

Additional 3% per hour above regular rate for entire crew when a helicopter is used. This will increase to 5% on May 03, 2027.

—Below rates applicable on all switching structures, maintenance projects, railroad catenary install/maintenance third rail installation, bonding of rails and pipe type cable and installation of fiber optic cable. Includes access matting for line work.

Group A:				
Lineman, Tech, Welder	\$ 62.94	\$ 65.81	\$ 68.34	\$ 71.03
Crane, Crawler Backhoe	62.94	65.81	68.34	71.03
Cable Splicer	69.23	72.39	75.17	78.13
Certified Welder, Pipe Type Cable	66.09	69.10	71.76	74.58
Group B:				
Digging Mach. Operator	\$ 56.65	\$ 59.23	\$ 61.51	\$ 63.93
Group C:				
Tractor Trailer Driver	\$ 53.50	\$ 55.94	\$ 58.09	\$ 60.38
Groundman, Truck Driver	50.35	52.65	54.67	56.82
Equipment Mechanic	50.35	52.65	54.67	56.82
Group D:				
Flagger	\$ 34.62	\$ 36.20	\$ 37.59	\$ 39.07

Additional 3% per hour above regular rate for entire crew when a helicopter is used. This will increase to 5% on May 03, 2027.

—Below rates applicable on all overhead and underground transmission line work & fiber optic cable where other construction trades are or have been involved. This applies to transmission line work only, not other construction. Includes access matting for line work.

Group A:				
Lineman, Tech, Welder	\$ 64.18	\$ 67.10	\$ 69.68	\$ 72.43
Crane, Crawler Backhoe	64.18	67.10	69.68	72.43
Group B:				
Digging Mach. Operator	\$ 57.76	\$ 60.39	\$ 62.71	\$ 65.19
Group C:				
Tractor Trailer Driver	\$ 54.55	\$ 57.04	\$ 59.23	\$ 61.57
Groundman, Truck Driver	51.34	53.68	55.74	57.94
Equipment Mechanic	51.34	53.68	55.74	57.94
Group D:				
Flagger	\$ 35.30	\$ 36.91	\$ 38.32	\$ 39.84

Additional 3% per hour above regular rate for entire crew when a helicopter is used. This will increase to 5% on May 03, 2027.

SHIFT WORK

THE FOLLOWING RATES WILL APPLY ON ALL CONTRACTING AGENCY MANDATED MULTIPLE SHIFTS OF AT LEAST FIVE (5) DAYS DURATION WORKED BETWEEN THE HOURS LISTED BELOW:

1ST SHIFT	8:00 AM to 4:30 PM REGULAR RATE
2ND SHIFT	4:30 PM to 1:00 AM REGULAR RATE PLUS 17.3 %
3RD SHIFT	12:30 AM to 9:00 AM REGULAR RATE PLUS 31.4 %

SUPPLEMENTAL BENEFITS

Per hour:	07/01/2025	05/04/2026	05/03/2027	05/01/2028
Group A	\$ 31.90*	\$ 32.90*	\$ 34.40*	\$ 35.90*
Group B	\$ 27.90*	\$ 28.90*	\$ 30.40*	\$ 31.90*
Group C	\$ 27.70*	\$ 28.50*	\$ 29.70*	\$ 30.90*
Group D	\$ 27.65*	\$ 28.40*	\$ 29.53*	\$ 30.66*

*Plus 7 % of the hourly wage paid. The 7% is based on straight time or premium time.

OVERTIME PAY

See (B, E, Q, X) on OVERTIME PAGE. NOTE: Double time for all emergency work designated by the Dept. of Jurisdiction.

WAGE CAP - Double the straight time hourly base wage shall be the maximum hourly wage compensation for any hour worked. Contractor is still responsible to pay the hourly benefit amount for each hour worked.

HOLIDAY

Paid See (5, 6, 8, 15, 25) on HOLIDAY PAGE

Overtime See (5, 6, 8, 15, 25) on HOLIDAY PAGE

NOTE: All paid holidays falling on Saturday shall be observed on the preceding Friday. All paid holidays falling on Sunday shall be observed on the following Monday. Supplements for holidays paid at straight time.

REGISTERED APPRENTICES

WAGES per hour: 1000 hour terms at the following percentage of the applicable Journeyworker's Lineman wage.

1st	2nd	3rd	4th	5th	6th	7th
60%	65%	70%	75%	80%	85%	90%

SUPPLEMENTAL BENEFITS per hour:

	07/01/2025	05/04/2026	05/03/2027	05/01/2028
All terms:	\$ 27.65*	\$ 28.40*	\$ 29.53*	\$ 30.66*

*Plus 7% of the hourly wage paid. The 7% is based on straight time or premium time.

6-1249a

Lineman Electrician - Teledata

10/01/2025

JOB DESCRIPTION Lineman Electrician - Teledata

DISTRICT 6

ENTIRE COUNTIES

Albany, Allegany, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Lewis, Livingston, Madison, Monroe, Montgomery, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Rensselaer, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Westchester, Wyoming, Yates

WAGES

NOTE: Applies to all public work and covered private projects, including those receiving ConnectAll funding subject to LL 224-E, solicited prior to July 1, 2025. For all projects, excluding dial-up internet access service, solicited on or after July 1, 2025, please see BROADBAND

Per hour: 07/01/2025

Cable Splicer	\$ 40.81
Installer, Repairman	\$ 38.73
Teledata Lineman	\$ 38.73
Tech., Equip. Operator	\$ 38.73
Groundman/Flagger	\$ 20.53

For outside work, stopping at first point of attachment (demarcation).

NOTE: EXCLUDES Teledata work within ten (10) feet of High Voltage (600 volts and over) transmission lines. For this work, please see LINEMAN.

SHIFT WORK

THE FOLLOWING RATES APPLY WHEN THE CONTRACTING AGENCY MANDATES MULTIPLE SHIFTS OF AT LEAST FIVE (5) DAYS DURATION ARE WORKED. WHEN TWO (2) OR THREE (3) SHIFTS ARE WORKED THE FOLLOWING RATES APPLY:

1ST SHIFT	REGULAR RATE
2ND SHIFT	REGULAR RATE PLUS 10%
3RD SHIFT	REGULAR RATE PLUS 15%

SUPPLEMENTAL BENEFITS

Per hour:

Journeyworker	\$ 5.77
	*plus 3% of the hour wage paid

*The 3% is based on the hourly wage paid, straight time rate or premium rate.

OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

WAGE CAP - Double the straight time hourly base wage shall be the maximum hourly wage compensation for any hour worked. Contractor is still responsible to pay the hourly benefit amount for each hour worked.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 16) on HOLIDAY PAGE

6-1249LT - Teledata

Lineman Electrician - Traffic Signal, Lighting

10/01/2025

JOB DESCRIPTION Lineman Electrician - Traffic Signal, Lighting

DISTRICT 6

ENTIRE COUNTIES

Albany, Allegany, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Cortland, Delaware, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Lewis, Livingston, Madison, Monroe, Montgomery, Niagara, Oneida, Onondaga, Ontario, Orleans, Oswego, Otsego, Rensselaer, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Sullivan, Tioga, Tompkins, Warren, Washington, Wayne, Wyoming, Yates

WAGES

Lineman/Technician shall perform all overhead aerial work. A Lineman/Technician on the ground will install all electrical panels, connect all grounds, install and connect all electrical conductors which includes, but is not limited to road loop wires; conduit and plastic or other type pipes that carry conductors, flex cables and connectors, and to oversee the encasement or burial of such conduits or pipes.

Crane Operators: Operation of any type of crane on Traffic Signal/Lighting projects.

Crawler Backhoe: Operation of tracked excavator/crawler backhoe with 1/2 yard bucket or larger on Traffic Signal/Lighting projects.

Digging Machine Operator: All other digging equipment and augering on Traffic Signal/Lighting projects.

A Groundman/Truck Driver shall: Build and set concrete forms, handle steel mesh, set footer cages, transport concrete in a wheelbarrow, hand or machine concrete vibrator, finish concrete footers, mix mortar, grout pole bases, cover and maintain footers while curing in cold weather, operate jack hammer, operate hand pavement breaker, tamper, concrete and other motorized saws, as a drill helper, operate and maintain generators, water pumps, chainsaws, sand blasting, operate mulching and seeding machine, air tools, electric tools, gas tools, load and unload materials, hand shovel and/or broom, prepare and pour mastic and other fillers, assist digger operator/equipment operator in ground excavation and restoration, landscape work and painting. Only when assisting a lineman technician, a groundman/truck driver may assist in installing conduit, pipe, cables and equipment.

A flagger's duties shall consist of traffic control only.

Per hour:	07/01/2025	05/04/2026	05/03/2027	05/01/2028
Group A:				
Lineman, Technician	\$ 52.86	\$ 55.31	\$ 57.40	\$ 59.64
Crane, Crawler Backhoe	52.86	55.31	57.40	59.64
Certified Welder	55.50	58.08	60.27	62.62
Group B:				
Digging Machine	\$ 47.57	\$ 49.78	\$ 51.66	\$ 53.68
Group C:				
Tractor Trailer Driver	\$ 44.93	\$ 47.01	\$ 48.79	\$ 50.69
Groundman, Truck Driver	42.29	44.25	45.92	47.71
Equipment Mechanic	42.29	44.25	45.92	47.71
Group D:				
Flagger	\$ 31.72	\$ 33.19	\$ 34.44	\$ 35.78

Above rates are applicable for installation, testing, operation, maintenance and repair on all Traffic Control (Signal) and Illumination (Lighting) projects, Traffic Monitoring Systems, and Road Weather Information Systems. Includes digging of holes for poles, anchors, footer foundations for electrical equipment; assembly of all electrical materials or raceway; placing of fish wire; pulling of cables, wires or fiber optic cable through such raceways; splicing of conductors; dismantling of such structures, lines or equipment.

SHIFT WORK

THE FOLLOWING RATES WILL APPLY ON ALL CONTRACTING AGENCY MANDATED MULTIPLE SHIFTS OF AT LEAST FIVE (5) DAYS DURATION WORKED BETWEEN THE HOURS LISTED BELOW:

1ST SHIFT	8:00 AM TO 4:30 PM	REGULAR RATE
2ND SHIFT	4:30 PM TO 1:00 AM	REGULAR RATE PLUS 17.3%
3RD SHIFT	12:30 AM TO 9:00 AM	REGULAR RATE PLUS 31.4%

SUPPLEMENTAL BENEFITS

Per hour worked:

	07/01/2025	05/04/2026	05/03/2027	05/01/2028
Group A	\$ 31.90*	\$ 32.90*	\$ 34.40*	\$ 35.90*
Group B	\$ 27.90*	\$ 28.90*	\$ 30.40*	\$ 31.90*

Group C	\$ 27.70*	\$ 28.50*	\$ 29.70*	\$ 30.90*
Group D	\$ 27.65*	\$ 28.40*	\$ 29.53*	\$ 30.66*

* Plus 7% of the hourly wage paid. The 7% is based on straight time or premium time.

OVERTIME PAY

See (B, E, Q, X) on OVERTIME PAGE. NOTE: Double time for all emergency work designated by the Dept. of Jurisdiction.

WAGE CAP - Double the straight time hourly base wage shall be the maximum hourly wage compensation for any hour worked. Contractor is still responsible to pay the hourly benefit amount for each hour worked.

HOLIDAY

Paid: See (5, 6, 8, 15, 25) on HOLIDAY PAGE

Overtime: See (5, 6, 8, 15, 25) on HOLIDAY PAGE

NOTE: All paid holidays falling on Saturday shall be observed on the preceding Friday. All paid holidays falling on Sunday shall be observed on the following Monday. Supplements for holidays paid at straight time.

REGISTERED APPRENTICES

WAGES per hour: 1000 hour terms at the following percentage of the applicable Journeyworker's Lineman wage.

1st	2nd	3rd	4th	5th	6th	7th
60%	65%	70%	75%	80%	85%	90%

SUPPLEMENTAL BENEFITS per hour:

	07/01/2025	05/04/2026	05/03/2027	05/01/2028
All terms:	\$ 27.65*	\$ 28.40*	\$ 29.53*	\$ 30.66*

* Plus 7% of the hourly wage paid. The 7% is based on straight time or premium time.

6-1249a-LT

Lineman Electrician - Tree Trimmer

10/01/2025

JOB DESCRIPTION Lineman Electrician - Tree Trimmer

DISTRICT 6

ENTIRE COUNTIES

Albany, Allegany, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Lewis, Livingston, Madison, Monroe, Montgomery, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Rensselaer, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Wyoming, Yates

WAGES

Applies to line clearance, tree work and right-of-way preparation on all new or existing energized overhead or underground electrical, telephone and CATV lines. This also includes stump removal near underground energized electrical lines including telephone and CATV lines.

Per hour:	07/01/2025	01/04/2026	01/03/2027
Tree Trimmer	\$ 33.18	\$ 34.67	\$ 36.23
Equipment Operator	29.35	30.67	32.05
Equipment Mechanic	29.35	30.67	32.05
Truck Driver	23.85	24.93	26.05
Groundman	19.64	20.53	21.45
Flagger	15.50	16.20	16.93

SUPPLEMENTAL BENEFITS

Per hour:	07/01/2025	01/04/2026	01/03/2027
Journeyworker	\$ 10.98*	\$ 11.23*	\$ 11.48*

* Plus 4.5% of the hourly wage paid. The 4.5% is based on straight time rate or premium rate.

OVERTIME PAY

See (B, E, Q, X) on OVERTIME PAGE

WAGE CAP - Double the straight time hourly base wage shall be the maximum hourly wage compensation for any hour worked. Contractor is still responsible to pay the hourly benefit amount for each hour worked.

HOLIDAY

Paid: See (5, 6, 8, 15, 16, 25) on HOLIDAY PAGE

Overtime: See (5, 6, 8, 15, 16, 25) on HOLIDAY PAGE

NOTE: All paid holidays falling on a Saturday shall be observed on the preceding Friday. All paid holidays falling on a Sunday shall be observed on the following Monday.

6-1249TT

Mason - Building**10/01/2025****JOB DESCRIPTION** Mason - Building**DISTRICT 3****ENTIRE COUNTIES**

Erie, Niagara

PARTIAL COUNTIES

Cattaraugus: Only the Township of Perrysburg and the Village of Gowanda.

WAGES

Per hour: 07/01/2025

Plasterer \$ 33.05

Additional \$3.00/hr for work on swing stage over 20 feet.

SUPPLEMENTAL BENEFITS

Per hour: \$ 25.09

OVERTIME PAY

Exterior work only See (B, E, E2, Q) on OVERTIME PAGE.

All other work See (B, E, Q) on OVERTIME PAGE.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages per hour:

Hour terms at the following dollar amounts:
07/01/2025

0-2000 \$ 20.00

2000-4000 \$ 22.00

4000-6000 \$ 24.00

6000-8000 \$ 26.00

Supplemental benefits per hour:

Hour terms at the following dollar amounts:

0-2000 \$ 3.00

2000-4000 \$ 4.00

4000-8000 \$ 5.00

3-9-Pltr

Mason - Building**10/01/2025****JOB DESCRIPTION** Mason - Building**DISTRICT 5****ENTIRE COUNTIES**

Erie, Niagara

PARTIAL COUNTIES

Cattaraugus: Only the Township of Perrysburg and the Village of Gowanda.

WAGES

Per Hour: 07/01/2025

Building:

Bricklayer \$ 39.44

Stone Mason 39.44

Tuck Pointer 39.44

SUPPLEMENTAL BENEFITS

Per hour:

Journeyman \$ 33.64

OVERTIME PAY

See (B,E,E2*,Q) on OVERTIME PAGE

*Note - Or other conditions beyond the employer's control such as fire or natural disaster.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages per hour:

1250 hour terms at the following wage:

1st	2nd	3rd	4th
\$ 29.97	\$ 30.89	\$ 33.21	\$ 36.38

Supplemental benefits per hour:

1st	2nd	3rd	4th
\$ 13.78	\$ 20.19	\$ 25.20	\$ 29.37

5-3B-Z3

Mason - Building / Heavy&Highway

10/01/2025

JOB DESCRIPTION Mason - Building / Heavy&Highway

DISTRICT 3

ENTIRE COUNTIES

Erie

PARTIAL COUNTIES

Cattaraugus: Only the Township of Perrysburg and the Village of Gowanda.

WAGES

Per hour: 07/01/2025

Cement Mason \$ 33.65

Additional \$0.25 per hr for Swing scaffold or exterior scaffold 42' or higher.
Additional \$1.00 per hr when required to wear respirator.

SUPPLEMENTAL BENEFITS

Per hour: \$ 33.22

OVERTIME PAY

See (B, E, Q, V) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages per hour:

750 hour terms at the following dollar amounts:

1st	2nd	3rd	4th	5th	6th
\$ 20.19	\$ 21.87	\$ 23.56	\$ 25.24	\$ 26.92	\$ 28.60

Supplemental benefits per hour:

1st	2nd	3rd	4th	5th	6th
\$ 8.86	\$ 11.86	\$ 11.80	\$ 15.05	\$ 17.20	\$ 20.54

3-111Erie

Mason - Heavy&Highway

10/01/2025

JOB DESCRIPTION Mason - Heavy&Highway

DISTRICT 5

ENTIRE COUNTIES

Allegany, Broome, Chautauqua, Chemung, Chenango, Cortland, Delaware, Genesee, Livingston, Monroe, Ontario, Orleans, Otsego, Schuyler, Seneca, Steuben, Tioga, Tompkins, Wayne, Wyoming, Yates

PARTIAL COUNTIES

Cattaraugus: Entire county except in the Township of Perrysburg and the Village of Gowanda only the Bricklayer classification applies.

Erie: Only the Bricklayer classification applies.

Niagara: Only the Bricklayer classification applies.

WAGES

Per hour: 07/01/2025

Heavy & Highway:
Cement Mason \$ 38.63
Bricklayer 38.63

SUPPLEMENTAL BENEFITS

Per hour:

Journeyman \$ 26.28

OVERTIME PAY

See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages per hour:

1500 hour terms at the following percentage of Journeyman's wage:

1st	2nd	3rd	4th
50%	60%	70%	80%

Supplemental benefits per hour:

1st term	\$ 15.40
2nd term	\$ 24.62
3rd term	\$ 25.04
4th term	\$ 25.45

5-3h

Mason - Tile Finisher

10/01/2025

JOB DESCRIPTION Mason - Tile Finisher

DISTRICT 5

ENTIRE COUNTIES

Erie, Niagara, Orleans

PARTIAL COUNTIES

Cattaraugus: Only the Township of Perrysburg and the Village of Gowanda.

WAGES

Per hour: 07/01/2025

Building:
Marble, Slate, Terrazzo \$ 35.71
and Tile Finisher

SUPPLEMENTAL BENEFITS

Per hour: \$ 19.47

OVERTIME PAY

See (B,E,E2*,Q) on OVERTIME PAGE

*Note - Or other conditions beyond the employer's control such as fire or natural disaster.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages per hour:

1200 hours 1st and 2nd term and 1300 hours 3rd term at the following wage:

1st	2nd	3rd
\$ 22.57	\$ 25.74	\$ 29.22

Supplemental benefits per hour:

1st	2nd	3rd
\$ 10.44	\$ 12.81	\$ 14.87

5-3TF - Z3

Mason - Tile Setter**10/01/2025****JOB DESCRIPTION** Mason - Tile Setter**DISTRICT 5****ENTIRE COUNTIES**

Erie, Niagara, Orleans

PARTIAL COUNTIES

Cattaraugus: Only in the Township of Perrysburg and the Village of Gowanda.

WAGES

Per hour: 07/01/2025

Building:

Marble, Slate, Terrazzo \$ 38.85
and Tile Setter**SUPPLEMENTAL BENEFITS**

Per hour: \$ 33.73

OVERTIME PAY

See (B,E,E2*,Q) on OVERTIME PAGE

*Note - Or other conditions beyond the employer's control such as fire or natural disaster.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages per hour:

1250 hour terms at the following wage:

1st	2nd	3rd	4th
\$ 29.48	\$ 30.30	\$ 32.32	\$ 36.14

Supplemental benefits per hour:

1st	2nd	3rd	4th
\$ 13.97	\$ 20.43	\$ 25.69	\$ 29.16

5-3TS - Z3

Millwright**10/01/2025****JOB DESCRIPTION** Millwright**DISTRICT 6****ENTIRE COUNTIES**

Albany, Allegany, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Lewis, Livingston, Madison, Monroe, Montgomery, Niagara, Oneida, Onondaga, Ontario, Orleans, Oswego, Otsego, Rensselaer, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Wyoming, Yates

WAGES

THE FOLLOWING RATE APPLIES TO ANY GAS/STEAM TURBINE AND OR RELATED COMPONENT WORK, INCLUDING NEW INSTALLATIONS OR MAINTENANCE AND ANY/ALL WORK PERFORMED WITHIN THE PROPERTY LIMITS OF A NUCLEAR FACILITY.

Per hour: 07/01/2025

Millwright - \$ 47.00
Power Generation

NOTE: ADDITIONAL PREMIUMS PAID FOR THE FOLLOWING WORK LISTED BELOW (amount subject to any overtime premiums):

- Certified Welders shall receive an additional \$1.75 per hour provided they are directed to perform Certified Welding.
- If a work site has been declared a hazardous site by the Owner and the use of protective gear (including, as a minimum, air purifying canister-type chemical respirators) is required, then that employee shall receive an additional \$1.50 per hour.
- An employee performing the work of a machinist shall receive an additional \$2.00 per hour. For the purposes of this premium to apply, a "machinist" is a person who uses a lathe, Bridgeport, milling machine or similar type of tool to make or modify parts.
- When performing work underground at 500 feet and below, the employee shall receive an additional \$1.00 per hour.

SUPPLEMENTAL BENEFITS

Per hour paid:

Journeyworker \$ 28.45*

*NOTE: Subject to OT premium

OVERTIME PAY

See (B, E, E2, Q, V) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

NOTE: Any holiday that falls on Sunday shall be observed the following Monday. Any holiday that falls on Saturday shall be observed the preceding Friday.

REGISTERED APPRENTICES

WAGES per hour: One year terms at the following percentage of Journeyworker's wage:

Appr. 1st year	65%*
Appr. 2nd year	75%*
Appr. 3rd year	80%*
Appr. 4th year	90%*

*NOTE: Additional premium for the following work listed below:

Certified Welder	\$ 1.75
Hazardous Waste Work	1.50
Machinist	2.00
Underground (500' and below)	1.00

SUPPLEMENTAL BENEFITS per hour:

Appr. 1st year	\$ 11.95
Appr. 2nd year	23.50
Appr. 3rd year	25.15
Appr. 4th year	26.80

6-1163Power

Millwright

10/01/2025

JOB DESCRIPTION Millwright

DISTRICT 12

ENTIRE COUNTIES

Erie, Genesee, Niagara

WAGES

Per hour: 07/01/2025

Building	\$ 42.23
Heavy & Highway*	\$ 45.73

NOTE ADDITIONAL PREMIUMS PAID FOR THE FOLLOWING WORK LISTED BELOW (amount subject to any overtime premiums):

-*H/H work performed on hazardous waste sites where employees are required to wear protective gear shall receive an additional \$2.00 per hour.

- If a building work site has been declared a hazardous site and the use of protective gear (including, at a minimum, air purifying canister-type chemical respirators) are required, then that employee shall receive a \$1.50 premium per hour.

- Certified Welders shall receive \$1.75 per hour in addition to the current Millwright's rate provided he/she is directed to perform certified welding.

- An employee performing work on site as a machinist shall receive \$2.00 per hour in addition to the current Building & Heavy Millwright's rate. For the purposes of this premium to apply, a "machinist" is a person who uses a lathe, Bridgeport, milling machine or similar type of tool to make or modify parts.

- When performing work underground at 500 feet and below, the employee shall receive an additional \$1.00 per hour.

SUPPLEMENTAL BENEFITS

Per hour Paid:

All Classifications \$ 32.29

OVERTIME PAY

See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages per hour:

1300 hour terms at the following percentage of Journeyman's wage:

1st	2nd	3rd	4th
65%	75%	80%	90%

Supplemental Benefits per hour worked:

1st	2nd	3rd	4th
\$11.95	\$26.19	\$28.22	\$30.26

12-1163-Gen/Nia/Orl/Wyo

Operating Engineer

10/01/2025

JOB DESCRIPTION Operating Engineer

DISTRICT 12

ENTIRE COUNTIES

Cattaraugus, Chautauqua, Erie, Niagara, Orleans, Wyoming

PARTIAL COUNTIES

Genesee: The portion of the county that lies west of a line down the center of Route 98 excluding that area that lies within the City of Batavia.

WAGES

7/01/2025

Per Hour:

Concrete Pump \$47.38

ADDITIONAL:

Pumps from

46-65 meters

\$4.25/HR

Hazardous Work Site

\$2.50/HR

SUPPLEMENTAL BENEFITS

Per Hour: \$33.10

At Time and a Half \$37.55

At Double Time \$42.30

OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6) on HOLIDAY PAGE

12-17Pump

Operating Engineer - Building

10/01/2025

JOB DESCRIPTION Operating Engineer - Building

DISTRICT 12

ENTIRE COUNTIES

Cattaraugus, Chautauqua, Erie, Niagara, Orleans, Wyoming

PARTIAL COUNTIES

Genesee: Only that portion of the county that lies west of a line down the center of Route 98 excluding that area that lies within the City of Batavia.

WAGES

CLASS A: Air Hoist, All Boom Type Equipment, All Pans and Carry-Alls, Archer Hoist, Asphalt Curb and Gutter Machines, Asphalt Roller, Asphalt Spreader or Paver, Automatic Fine Grade Machine (CMI or similar, first and second operator), Backhoe and Pullhoe, Backhoe and Pullhoe (tractor mounted, rubber tired), Back Filling Machine, Belt Placer (CMI or similar type), Bending Machine (Pipe), Bituminous Spreader and Mixer, Blacktop Plants (Automated and Non-automated), Blast or Rotary Drill (Truck or Track Mounted), Blower for Burning Brush, Boiler (when used for power), Boom Truck (excluding pick-up and delivery), Boring Machine, Bulldozer, Cableway, Cage Hoist, Caisson Auger, Central Mix Plant (and all concrete batching plants), Cherry Picker, Concrete Cleaning Decontamination Machine Operator, Concrete Curb and Gutter Machine, Concrete Curing Machine, Concrete Cutters (Vermeer or Similar Type), Concrete Mixer (over 1/2 cu yd.), Concrete Pavement Spreaders and Finishers, Concrete Paver, Conveyor, Core Drill, Crane, Crusher, Decon of Equipment, Derrick, Dragline, Dredge, Drill Rig (Tractor Mounted), Dual Drum Paver, Electric Pump used in conjunction with Well Point Systems, Elevating Grader (self propelled or towed), Elevator, Excavator (all purpose, hydraulically operated), Farm Tractor with Accessories, Fine Grade Machine, Forklift, Front End Loader, Generator (10 outlets or more), Gradall, Grader, Grout or Guniting Machine, Head Tower, Heavy Equipment Robotics Operator/Mechanic, Helicopter (when used for hoisting), Hoist (one drum), Hoisting Engine, Horizontal Directional Drill Locator, Horizontal Directional Drill Operator, Hydraulic Boom, Hydraulic Hammer (self-propelled), Hydraulic Pipe Jack Machine (or similar type machine), Hydraulic Rock Expander (or similar type machine), Hydraulic System Pumps, Hydro Crane, Hydro Hammer (or similar type), Industrial Tractor, Jersey Spreader, Kolman Plant Loader (and similar type loaders), Laser Screed, Locomotive, Lubrication Truck, Maintenance Engineer, Maintenance, Lubrication Unit or Truck, Mine Hoist, Mixer for Stabilized Base (self-propelled), Monorail, Motorized Hydraulic Pin Puller, Motorized Hydraulic Seeder, Mucking Machine, Mulching Machine, Multiple Drum Hoist (more than one drum in use), Overhead Crane, Peine Crane (or similar type), Pile Driver, Plant Engineer, Pneumatic Mixer, Post Hole Digger and Driver, Power Broom, Pumpcrete, Push Button Hoist, Push or Snatch Cat, Quarry Master or equivalent, Road Widener, Rock Bit Sharpener (all types), Roller (all), Rolling Machine (pipe), Rotomill, Scissors Trucks, Lift, or Boom Lift of any type (when used for hoisting), Scoopmobile, Shovel, Sideboom, Skidsteer/Bobcat (Similar Type), Skimmer, Slip Form Paver (CMI or similar type), Snorkel/Vacuum Truck, Strato-Tower, Stump Chipping Machine, Tire Truck and Drivers performing tire repair (exclude outside vendor), Towed Roller, Tractor Drawn Belt-Type Grader/Loader, Tractor Shovel, Tractor with Towed Accessories, Tractor (when using winch power), Tractors, Trencher, Truck Crane, Truck Mechanic and Helper (exclude Teamsters when repairing their own trucks), Tunnel Shovel, Tube Finisher (CMI and similar type), Ultra High Pressure Waterjet Cutting Tool System Operator/Mechanic, Vacuum Blasting Machine Operator/Mechanic, Vibratory Compactor, Vibro Tamp, Well Drilling Machine, Well Point, Winch, Winch Truck with A Frame.

CLASS B: Aggregate Bin, Aggregate Plant, Apprentice Engineer, Apprentice Engineer Driver, Articulated Off Road Material Hauler, Boiler (used in conjunction with production), CMI and similar type Concrete Spreads (Apprentice Engineer), Cement Bin, Chipping Machine and Chip Spreader, Compressors (4 or less), Compressors (any size, but subject to other provisions for Compressors, Dust Collectors, Generators, Mechanical Heaters, Pumps, Welding Machines - four of any type or combination), Concrete Mixer (1/2 cu. yd. and under), Fireman, Form Tamper, Form Trucks (excluding Teamster or delivery), Fuel Truck or Drivers (exclude Teamster or delivery), Heaters, Heating Boiler (used for temporary heat), Helper on Lubrication Unit or Truck, Jeep Trencher, Power Heaterman, Power Plant in excess of 10 K.W., Pumps, Revinus Widener, Steam Boilers (if manning or license by local law is required), Steam Cleaner (when used for cleaning equipment on the job site), Welding Machine (1 machine over 300 amps or 2 or 3 machines regardless of amps).

Operating Engineer- Building:

Per hour:	07/01/2025
Class A	\$ 44.23
Class B	39.14
Crane(Up to 60 Tons)	47.48
" (61 to 199 Tons)	48.48
" (200 to 399 Tons)	48.98
" (400 Tons or more)	49.48

Additional \$5.75/hr. for Any Tower Crane
Additional \$2.50/hr. for Hazardous Work Site
Additional \$1.00/hr. for Tunnel Work
Additional \$2.25/hr. for Agency Mandated Shift Work

SUPPLEMENTAL BENEFITS

Per Hour:

Journeyman \$ 35.45**

**Note: For Overtime Hours \$26.25 of this amount is paid a straight time, the remaining balance of \$9.20 is paid at the same premium as the wage.

OVERTIME PAY

See (B, E, *E2, P, V) on OVERTIME PAGE

* Only Saturdays between October 15th and April 15th.

HOLIDAY

Paid: See (5, 6) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages per hour:
1 year Terms

1st	2nd	3rd	4th
\$ 33.63	\$ 34.55	\$ 35.47	\$ 36.39

Supplemental benefits Per Hour:

All Apprentices \$ 34.55**

**Note: For Overtime Hours \$26.25 of this amount to be paid a straight time rate
remaining balance of \$8.30 is paid at same premium as the wage.

12-17b

Operating Engineer - Heavy&Highway

10/01/2025

JOB DESCRIPTION Operating Engineer - Heavy&Highway

DISTRICT 12

ENTIRE COUNTIES

Chautauqua, Erie, Niagara, Orleans

WAGES

Marine Construction/Dredging

Class 1: Diver/Wet Tender, Engineer, Engineer(hydraulic dredge), Blaster.

Class 2(A): Crane, Backhoe Operator, Material Handler, ALL Self-propelled Drill Rigs, Mechanic/Welder, Asst. Engineer(hydraulic dredge),
Leverman(hydraulic dredge), Diver/Dry Tender.

Class 2(B): Friction, Lattice Boom, or Crane License Certificate, Endorse Tug or Tow Boat Operator.

Class 3: Deck Equipment Operator, (Machineryman), Maintenance of Crane, Tug/Launch Operator, Loader/Dozer on Barge.

Class 4: Deck Equipment Operator and Machinery Man/Fireman on 4 equipment units or more, Off Road Trucks, Deck Hand, Tug Engineer,
Crane Maintenance (50 tons and under/ backhoe 115,000lbs or less), Asst. Tug Operator, Blaster Helper.

Per hour: 07/01/2025

Class 1	\$ 56.00
Class 2(A)	54.50
Class 2(B)	57.50
Class 3	50.00
Class 4	45.50

Hazardous/Toxic Waste based on EAP Levels

Additional:

Level A - \$2.50/Hr.

Level B - 2.00/Hr.

Level C - 1.00/Hr.

Level D - 0.50/Hr.

SUPPLEMENTAL BENEFITS

Per Hour Paid:

ALL CLASSES \$ 36.81

OVERTIME PAY

See (B, E, I, *S, X) on OVERTIME PAGE

* If the Holiday is Worked

HOLIDAY

Paid: See (5, 6, 15, 25) on HOLIDAY PAGE

12-17 Marine

Operating Engineer - Heavy&Highway

10/01/2025

JOB DESCRIPTION Operating Engineer - Heavy&Highway

DISTRICT 12

ENTIRE COUNTIES

Cattaraugus, Chautauqua, Erie, Niagara, Orleans, Wyoming

PARTIAL COUNTIES

Genesee: Only that portion of the county that lies west of a line down the center of Route 98 excluding that area that lies within the City of
Batavia.

WAGES

CLASS A: Air Hoist, All Boom Type Equipment, All Pans and Carry-All's, Asphalt Curb and Cutter Machines, Asphalt Roller, Asphalt Spreader or Paver, Automatic Fine Grade Machine (CMI or similar, first and second operator), Backhoe and Pullhoe (all), Back Filling Machine, Belt Placer (CMI or similar type), Bending Machine (pipe), Bituminous Spreader and Mixer, Blacktop Plant (all), Blast or Rotary Drill (Truck or Track Mounted), Blower for Burning Brush, Boiler (when used for power), Boom Truck, Boring Machine, Bulldozer, Cableway, Cage Hoist, Caisson Auger, Central Mix Plant (and all Concrete Batching Plants), Cherry Picker, Concrete Cleaning Decontamination Machine, Concrete Curb and Gutter Machine, Concrete Curing Machine, Concrete Mixer (over 1/2 cu. yd.), Concrete Pavement Spreaders and Finishers, Concrete Paver, Concrete Saw (self propelled), Conveyor, Conveying Vehicles Conveying Engineer's Equipment, Core Drill, Crane, Crusher, Decontamination of Equipment, Derrick, Dragline, Dredge, Drill Rig (Tractor Mounted), Dual Drum Paver, Electric Pump used in conjunction with Well Point Systems, Elevating Grader (self propelled or towed), Elevator, Excavator (all purpose, hydraulically operated), Farm Tractor with Accessories, Fine Grade Machine, Forklift, Front End Loader, Gradall, Grader, Grout or Guniting Machine, Head Tower, Heavy Equipment Robotics Operator/Mechanic, Hoist (all types), Hoisting Engine, Horizontal Directional Drill Locator, Horizontal Directional Drill Operator, Hydraulic Boom, Hydraulic Hammer (self propelled), Hydraulic Pipe Jack Machine, (or similar type machine), Hydraulic Rock Expander (or similar type machine), Hydraulic System Pumps, Industrial Tractor, Jersey Spreader, Kolman Plant Loader (and similar type Loaders), Laser Screed, Locomotive, Log Skidder (similar type), Maintenance Engineer, Maintenance, Lubrication Unit or Truck, Mine Hoist, Mixer for Stabilized Base (self propelled), Monorail, Motorized Hydraulic Pin Puller, Motorized Hydraulic Seeder, Mucking Machine, Mulching Machine, Overhead Crane, Parts Chasing, Peine Crane (or similar type), Pile Driver, Plant Engineer, Pneumatic Mixer, Post Hole Digger and Post Driver, Power Broom, Pumpcrete, Push Button Hoist, Push or Snatch Cat, Quarry Master (or equivalent), Road Widener, Rock Bit Sharpener (all types), Roller (all), Rolling Machine (Pipe), Rotomill, Scoopmobile, Shovel, Side Boom, Skidsteer/Bobcat (similar type), Skimmer, Slip Form Paver (CMI or similar, first and second operator), Snorkel/Vacuum Truck, Strato-Tower, Tire Truck & Repair, Towed Roller, Tractor Drawn Belt-Type Grader/Loader, Tractor Shovel, Tractor with Towed Accessories, Tractors (when using winch power), Trencher, Truck Crane, Tug Boats, Tunnel Shovel, Tube Finisher (CMI and similar), Vacuum Blasting Machine Operator/Mechanic, Vibratory Compactor, Vibro Tamp, Waterjet Cutting Tool System Operator/Mechanic (Ultra High Pressure), Well Drilling Machine, Well Point, Winch, Winch Truck with A Frame.

CLASS B: Aggregate Bin, Aggregate Plant, Apprentice Engineer, Apprentice Engineer Driver, Articulated Off Road Material Hauler, CMI and similar type Concrete Spreads (Apprentice Engineer), Cement Bin, Chipping Machine and Chip Spreader, Compressors (4 or less), Compressors: any size, but subject to other provisions for Compressors, Dust Collectors, Generators, Mechanical Heaters, Pumps, Welding Machines (four of any type or combination), Concrete Mixer (1/2 cu. yd. and under), Fireman, Form Tamper, Fuel Truck, Heating Boiler (used for temporary heat), Helper on Lubrication Unit or Truck, Jeep Trencher, Power Heaterman, Power Plant in excess of 10 K.W., Pumps (4" or over), Revinus Widener, Steam Cleaner, Stump Chipping Machine, Welding Machine (1 machine over 300 amps or 2 or 3 machines regardless of amps).

Operating Engineer- Heavy & Highway, Sewer (includes cleaning, lining & rehab), Water & Tunnel

Per hour:	07/01/2025	07/01/2026
Class A	\$ 47.39	Additional
Class B	42.89	\$5.50/Hr.
Crane 5 to 110 tons	52.39	
" 111 to 199 tons	53.39	
" 200 to 599 tons	54.39	
" 600 to 999 tons	56.39	
" 1000 tons and over	57.39	

Cranes in Luffer Configuration additional \$5.00/Hr.

Cranes with external ballast(tray or wagon) additional \$5.00/Hr.

Additional \$2.50/hr. for Hazardous Work Site

Additional \$1.00/hr. for Tunnel Work

Additional \$8.00/hr. for Mandated Single Irregular Shift Work (Projects Bid After 7/1/2025)

SUPPLEMENTAL BENEFITS

Per hour:

Journeymen	\$ 36.86
At Time and a Half	\$ 45.32
At Double Time	\$ 53.77

OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

Note: Overtime rate is 1.5X the wage plus \$9.93/Hr., Overtime rate is 2X the wage plus \$19.85/Hr.

HOLIDAY

Paid: See (5, 6) on HOLIDAY PAGE

Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages per hour:

Apprentices at 1 year terms

1st	2nd	3rd	4th
\$ 39.89	\$ 40.89	\$ 41.89	\$ 42.89

Supplemental Benefits	
All Apprentices	\$ 36.46
At Time and a Half	\$ 44.72
At Double Time	\$ 52.97

12-17 hh/sw/t

Operating Engineer - Survey Crew**10/01/2025****JOB DESCRIPTION** Operating Engineer - Survey Crew**DISTRICT** 12**ENTIRE COUNTIES**

Cattaraugus, Chautauqua, Erie, Niagara, Orleans, Wyoming

PARTIAL COUNTIES

Genesee: Only that portion of the county that lies west of a line down the center of Route 98 excluding that area that lies within the City of Batavia.

WAGES

These rates apply to Building, Heavy and Highway Construction.

Per hour:

SURVEY CLASSIFICATIONS:

Party Chief - One who directs a survey party.

Instrument Person - One who operates the surveying instruments.

Rod Person - One who holds the rods and assists the Instrument Person.

07/01/2025

Party Chief	\$ 51.19
Instrument Person	48.29
Rod Person	33.74

Additional \$3.00 per hr. for work in a Tunnel.

Additional \$2.50 per hr. for EPA or DEC certified toxic or hazardous waste work.

SUPPLEMENTAL BENEFITS

Per hour worked:

Journeyman	\$ 31.65
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OVERTIME PAY

See (B, E, Q, X) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES

WAGES:1000 hour terms based on the Percentage of Rod Person wage:

07/01/2025

0-1000 Hrs	60%
1001-2000 Hrs	70%
2001-3000 Hrs	80%

SUPPLEMENTAL BENEFITS per hour worked:

0-1000 Hrs	\$ 20.07/ PHP	\$14.79
1001-2000 Hrs	22.85 / "	17.01
2001-3000 Hrs	25.62 / "	19.62

NOTE: PHP is premium hours paid when worked.

12-17D Sur

Operating Engineer - Survey Crew - Consulting Engineer**10/01/2025****JOB DESCRIPTION** Operating Engineer - Survey Crew - Consulting Engineer**DISTRICT** 12**ENTIRE COUNTIES**

Cattaraugus, Chautauqua, Erie, Niagara, Orleans, Wyoming

PARTIAL COUNTIES

Genesee: Only that portion of the county that lies west of a line down the center of Route 98 excluding that area that lies within the City of Batavia.

WAGES

These rates apply to feasibility and preliminary design surveying, line of grade surveying for inspection or supervision of construction when performed under a Consulting Engineer Agreement.

Per hour:

SURVEY CLASSIFICATIONS:

Party Chief - One who directs a survey party.

Instrument Person - One who operates the surveying instruments.

Rod Person - One who holds the rods and assists the Instrument Person.

07/01/2025

Party Chief	\$ 51.19
Instrument Person	48.29
Rod Person	33.74

SUPPLEMENTAL BENEFITS

Per hour worked:

Journeyman	\$ 31.65
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OVERTIME PAY

See (B, E, Q, X) on OVERTIME PAGE

HOLIDAY

Paid: See (5, 6) on HOLIDAY PAGE

Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES

WAGES: 1000 hour terms based on the Percentage of Rod Persons Wage:

07/01/2025

0-1000	60%
1001-2000	70%
2001-3000	80%

SUPPLEMENTAL BENEFITS per hour worked:

0-1000	\$ 20.07 / PHP \$14.79
1001-2000	22.85/ " 17.01
2001-3000	25.62 / " 19.62

NOTE: PHP is premium hours paid

12-17D Con Eng

Painter

10/01/2025

JOB DESCRIPTION Painter

DISTRICT 3

ENTIRE COUNTIES

Allegany, Erie, Genesee, Niagara, Orleans, Wyoming

PARTIAL COUNTIES

Cattaraugus: Entire County except the Townships of Conewango, Leon, Napoli, New Albion, Randolph and South Valley.

Chautauqua: Only the Townships of Awkright, Dunkirk, Hanover, Pomfret, Portland, Sheridan and Villenova.

Livingston: Only the Townships of North Dansville, Nunda, Ossian, Portage, Sparta, Spring Water and West Sparta.

Steuben: Only the Townships of Avoca, Canisteo, Cohocton, Dansville, Fremont, Greenwood, Hartsville, Hornellsville, Howard, Jasper, Prattsburg, Pulteney, Troupsburg, Tuscarora, Urbana, Wayland, Wayne, Woodhull, West Union, Wheeler, and the City of Hornell.

WAGES

Per hour:	07/01/2025	05/01/2026 Additional
Basic Rate (Brush & Roll)	\$ 33.00	\$ 1.93
Spray painting, wallcovering	33.00	1.93
Abrasive and hydroblasting	33.00	1.93
Taping/DryWall Finisher	34.00	2.13
Skeleton Steel*	33.75	1.93

* Skeleton Steel: No floors, walls or ceiling are constructed, including radio and television towers, flagpoles, smokestacks and cranes.

SUPPLEMENTAL BENEFITS

Per hour:

Basic Rate (Brush & Roll)

Spray painting, wallcovering

Abrasive and hydroblasting and

Skeleton Steel \$ 28.51

Taping/Drywall Finisher \$ 28.81

OVERTIME PAY

Exterior work only See (B, E2, E4, F, R) on OVERTIME PAGE.

All other work See (B, F, R) on OVERTIME PAGE.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages per hour:

Painter/Decorator: 750 hour terms at the following wage:

1st	2nd	3rd	4th	5th	6th	7th	8th
\$ 18.00	\$ 19.00	\$ 20.00	\$ 21.00	\$ 22.00	\$ 23.00	\$ 24.00	\$ 25.00

Taper/Drywall Finisher: 750 hour terms at the following wage:

1st	2nd	3rd	4th	5th	6th
\$ 20.00	\$ 21.00	\$ 22.00	\$ 23.00	\$ 24.00	\$ 25.00

Supplemental benefits per hour:

Painter/Decorator and Taper/Drywall Finisher:

1st	2nd	3rd	4th	5th	6th	7th	8th
\$ 3.35	\$ 5.35	\$ 6.35	\$ 6.85	\$ 7.35	\$ 7.85	\$ 8.35	\$ 8.60

3-4-Buf, Nia, Olean

Painter

10/01/2025

JOB DESCRIPTION Painter

DISTRICT 3

ENTIRE COUNTIES

Allegany, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Cortland, Delaware, Erie, Genesee, Herkimer, Jefferson, Lewis, Livingston, Madison, Monroe, Niagara, Oneida, Onondaga, Ontario, Orleans, Oswego, Otsego, Schuyler, Seneca, St. Lawrence, Steuben, Tioga, Tompkins, Wayne, Wyoming, Yates

WAGES

Per hour:	07/01/2025	05/01/2026
		Additional
Bridge	\$ 46.19	\$ 2.50
Tunnel	46.19	
Tank*	44.19	

For Bridge Painting Contracts, ALL WORKERS on and off the bridge (including Flagmen) are to be paid Painter's Rate; the contract must be ONLY for Bridge Painting.

*Tank rate applies to indoor and outdoor tanks, tank towers, standpipes, digesters, waste water treatment tanks, chlorinator tanks, etc. Covers all types of tanks including but not limited to steel tanks, concrete tanks, fiberglass tanks, etc.

SHIFT WORK

Note an additional \$1.50 per hour is required when the contracting agency or project specification requires any shift to start prior to 6:00am or after 12:00 noon.

SUPPLEMENTAL BENEFITS

Per hour:
\$ 31.51

OVERTIME PAY

Exterior work only See (B, E2, E4, F, R) on OVERTIME PAGE.

All other work See (B, F, R) on OVERTIME PAGE.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages per hour:

750 hour terms at the following wage:

1st	2nd	3rd	4th	5th	6th
\$ 24.00	\$ 26.00	\$ 28.00	\$ 30.00	\$ 34.00	\$ 38.00

Supplemental benefits per hour:

1st	2nd	3rd	4th	5th	6th
\$ 6.60	\$ 6.95	\$ 7.30	\$ 7.65	\$ 8.00	\$ 8.35

3-4-Bridge, Tunnel, Tank

Painter - Metal Polisher

10/01/2025

JOB DESCRIPTION Painter - Metal Polisher

DISTRICT 8

ENTIRE COUNTIES

Albany, Allegany, Bronx, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Kings, Lewis, Livingston, Madison, Monroe, Montgomery, Nassau, New York, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Suffolk, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Westchester, Wyoming, Yates

WAGES

07/01/2025

Metal Polisher	\$ 40.33
Metal Polisher*	41.43
Metal Polisher**	44.33

*Note: Applies on New Construction & complete renovation

** Note: Applies when working on scaffolds over 34 feet.

SUPPLEMENTAL BENEFITS

Per Hour: 07/01/2025

Journeyworker:

All classification \$ 13.44

OVERTIME PAY

See (B, E, P, T) on OVERTIME PAGE

HOLIDAY

Paid: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

Overtime: See (5, 6, 11, 15, 16, 25, 26) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages per hour:

One (1) year term at the following wage rates:

07/01/2025

1st year	\$ 20.17
2nd year	22.18
3rd year	24.20
1st year*	\$ 20.56
2nd year*	22.62
3rd year*	24.74
1st year**	\$ 22.67
2nd year**	24.68
3rd year**	26.70

*Note: Applies on New Construction & complete renovation

** Note: Applies when working on scaffolds over 34 feet.

Supplemental benefits:

Per hour:

1st year	\$ 8.94
2nd year	8.94
3rd year	8.94

8-8A/28A-MP

Plumber**10/01/2025**

JOB DESCRIPTION Plumber**DISTRICT** 3**ENTIRE COUNTIES**

Cattaraugus, Chautauqua, Erie, Niagara, Wyoming

PARTIAL COUNTIES

Allegany: Only the Townships of Allen, Alma, Amity, Angelica, Belfast, Bolivar, Caneadea, Centerville, Clarksville, Cuba, Genesee, Friendship, Granger, Hume, New Hudson, Rushford, Wirt and that portion of Scio which lies west of Rt. 19.

Genesee: Only the Townships of Alabama, Alexander, Batavia, Darien, Elba, Oakfield, Pembroke and the City of Batavia.

Orleans: Only the Townships of Ridgeway, Shelby and Yates.

WAGES

Per hour: 07/01/2025

Plumber \$ 43.53

Steamfitter \$ 43.53

Note - Add 10% (ten percent) to wage when HAZMAT training is required or when OSHA compliant respirator protection is required.

SHIFT WORK

Additional \$1.75 for time worked on second shift 4:30pm - 12:30am

Additional \$2.00 for time worked on third shift 12:30am - 8:00am

SUPPLEMENTAL BENEFITSPer hour:
\$ 30.15

Note - \$6.24 of this amount must be paid at the same premium as the wage.

OVERTIME PAY

See (*B, **E, Q) on OVERTIME PAGE

* Double time after 11 hours per day on Weekdays.

** Double time after 10 hours per day on Saturday.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6, 16) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages per hour:

One year terms at the following percentage of Journeyman's wage:

1st	2nd	3rd	4th	5th
50%	60%	70%	75%	90%

Note - Add 10% (ten-percent) to wage when HAZMAT training is required or when OSHA compliant respirator protection is required.

Supplemental benefits per hour:

\$ 25.23

Note - \$6.24 of this amount must be paid at the same premium as the wage.

3-22-P

Roofer**10/01/2025**

JOB DESCRIPTION Roofer**DISTRICT** 3**ENTIRE COUNTIES**

Erie, Genesee, Niagara, Orleans, Wyoming

WAGES

Per hour: 07/01/2025

Asbestos Removal \$ 38.96

Slate, Tile 36.11

Precast tile / slabs 36.11

Crete / gypsum planks 36.11

Damp and waterproofer 35.96

Composition, sprayers, 35.96

Asphalt mastic, 35.96

Steep roofers 35.96

SHIFT WORK

When shift work is mandated either in the job specification or by the contracting agency the following premiums apply:

15.0% of hourly rate for second shift

20.0% of hourly rate for third shift

SUPPLEMENTAL BENEFITS

Per hour:

\$ 27.31

OVERTIME PAY

See (B, *E, **E2, Q) on OVERTIME PAGE

* and ** Double time after 8 hours on Saturday.

HOLIDAY

Paid: See (1) on HOLIDAY PAGE

Overtime: See (5, 6) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages per hour:

Hour terms at the following percentage of Journeyman's wage:

0 to 999	to 1499	to 1999	to 2499	to 2999	to 3499	to 4499
65%	70%	75%	80%	85%	90%	95%

Supplemental benefits per hour:

0 to 999	to 1499	to 1999	to 2499	to 2999	to 3499	to 4499
\$ 11.06	\$ 16.04	\$ 16.34	\$ 24.22	\$ 24.99	\$ 25.76	\$ 26.54

3-74

Sheetmetal Worker

10/01/2025

JOB DESCRIPTION Sheetmetal Worker

DISTRICT 3

ENTIRE COUNTIES

Erie, Genesee, Niagara, Orleans, Wyoming

WAGES

Per hour: 07/01/2025

Sheet Metal Worker \$ 40.55

Additional \$0.50 per hour for work more than 30" above floor on boatswain chair.

Additional \$1.00 per hour for work in "Hot" areas of atomic laboratories, atomic plants, or any premises where radio-active materials are stored or handled and personal protective equipment is required.

Additional \$1.00 per hour for work when required to have 40-hour HAZMAT training or the use of OSHA compliant respirator is required.

SHIFT WORK

When shift work is mandated either in the job specification or by the contracting agency the following premiums apply:

Shift Premium per hour:

Second Shift \$ 3.25

Third Shift \$ 5.00

Registered Apprentices

When shift work is mandated either in the job specification or by the contracting agency the following premiums apply;

Shift Premium per hour:

Second Shift

1st term \$ 1.46

2nd term \$ 1.63

3rd term \$ 1.79

4th term \$ 2.28

5th term \$ 2.60

Third Shift

1st term \$ 2.25

2nd term \$ 2.50

3rd term \$ 2.75

4th term \$ 3.50

5th term \$ 4.00

SUPPLEMENTAL BENEFITS

Per hour:

\$ 29.98*

* Note - \$19.16 of this amount must be paid at the same premium as the wages per overtime hours.

OVERTIME PAY

See (B, E, E2, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6, 16) on HOLIDAY PAGE

REGISTERED APPRENTICES

Wages per hour:

One year terms at the following wage:

1st term	\$ 21.30
2nd term	26.10
3rd term	28.79
4th term	30.47
5th term	33.83

Supplemental benefits per hour:

1st term	\$ 18.18	Note - \$8.36 of this amount must be paid at the same premium as the wage.
2nd term	22.34	Note - \$12.52 of this amount must be paid at the same premium as the wage.
3rd term	27.55	Note - \$16.73 of this amount must be paid at the same premium as the wage.
4th term	27.90	Note - \$17.08 of this amount must be paid at the same premium as the wage.
5th term	28.59	Note - \$17.77 of this amount must be paid at the same premium as the wage.

3-71

Sprinkler Fitter

10/01/2025

JOB DESCRIPTION Sprinkler Fitter

DISTRICT 1

ENTIRE COUNTIES

Allegany, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Lewis, Livingston, Madison, Monroe, Montgomery, Niagara, Oneida, Onondaga, Ontario, Orleans, Oswego, Otsego, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Tioga, Tompkins, Washington, Wayne, Wyoming, Yates

WAGES

Per hour 07/01/2025

Sprinkler \$ 45.06
Fitter

SUPPLEMENTAL BENEFITS

Per hour

Journeyworker \$ 29.41

OVERTIME PAY

See (B, E, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (1) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

Note: When a holiday falls on Sunday, the following Monday shall be considered a holiday and all work performed on either day shall be at the double time rate. When a holiday falls on Saturday, the preceding Friday shall be considered a holiday and all work performed on either day shall be at the double time rate.

REGISTERED APPRENTICES

Wages per hour

One Half Year terms at the following wage.

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
\$ 23.28	\$ 25.98	\$ 28.15	\$ 30.31	\$ 31.94	\$ 34.64	\$ 36.81	\$ 38.97	\$ 41.14	\$ 43.30

Supplemental Benefits per hour

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
\$ 9.57	\$ 9.57	\$ 21.49	\$ 21.49	\$ 21.74	\$ 21.74	\$ 21.74	\$ 21.74	\$ 21.74	\$ 21.74

1-669

Teamster - Building / Heavy&Highway

10/01/2025

JOB DESCRIPTION Teamster - Building / Heavy&Highway

DISTRICT 3

ENTIRE COUNTIES

Erie, Niagara

PARTIAL COUNTIES

Genesee: Only in the Townships of Alabama, Darien and Pembroke.

Orleans: Only the Townships of Ridgeway, Shelby and Yates.

Wyoming: Only in the Townships of Arcade, Bennington, Java and Sheldon.

WAGES

GROUP 1: Warehousemen, Yardmen, Truck Helpers, Pickups, Panel Trucks, Flatboy Material Trucks (straight jobs), Single Axle Dump Trucks, Dumpsters, Material Checkers and Receivers, Greasers, Truck Tiremen, Mechanics Helpers and Parts Chasers.

GROUP 2: Off Road Tandems and Batch Trucks, Mechanics, Dispatcher.

GROUP 3: Semi-Trailers, Low-Boy Trucks, Asphalt Distributor Trucks and Agitator, Mixer Trucks and dumpcrete type vehicles, Truck Mechanic, Fuel and Water Trucks

GROUP 4: Specialized Earth Moving Equipment, Euclid type, or similar off-highway, where not self-loading, Straddle (Ross) Carrier, and self-contained concrete mobile truck.

GROUP 5: Off-highway Tandem Back-Dump, Twin Engine Equipment and Double-Hitched Equipment where not self-loading.

Per hour:	07/01/2025	07/01/2026	07/01/2027
		Additional	Additional
ALL GROUPS	\$ 49.23	\$ 3.25	\$ 4.00

Add \$2.00 when required to use personal protection when performing hazardous waste removal work.

SHIFT WORK

An additional \$4.00 per hour is required when a single irregular work shift starting any time from 3:30PM to 1:00AM is mandated either in the job specification or by the contracting agency.

SUPPLEMENTAL BENEFITS

Per hour:
\$ 17.30*

*Note - Only \$ 8.75 per hour needs to be paid for overtime hours.

OVERTIME PAY

See (B, G, P) on OVERTIME PAGE

HOLIDAY

Paid: See (5, 6) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

3-449

Teamster - Building / Heavy&Highway

10/01/2025

JOB DESCRIPTION Teamster - Building / Heavy&Highway

DISTRICT 3

ENTIRE COUNTIES

Erie, Niagara

WAGES

Per hour: 07/01/2025
Dump Truck Operator* \$ 30.00

*Does not include Single Axle Dump Trucks (see Teamster Group 1).

*Does not include Off-highway Dump Trucks (see Teamster Groups 2-5).

SUPPLEMENTAL BENEFITS

Per hour:
\$ 2.02

OVERTIME PAY

See (B, B2, Q) on OVERTIME PAGE

HOLIDAY

Paid: See (5, 6) on HOLIDAY PAGE
Overtime: See (5, 6) on HOLIDAY PAGE

3-449d-DT

Welder

10/01/2025

JOB DESCRIPTION Welder

DISTRICT 1

ENTIRE COUNTIES

Albany, Allegany, Bronx, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Kings, Lewis, Livingston, Madison, Monroe, Montgomery, Nassau, New York, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Queens, Rensselaer, Richmond, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, St. Lawrence, Steuben, Suffolk, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Westchester, Wyoming, Yates

WAGES

Per hour07/01/2025

Welder: To be paid the same rate of the mechanic performing the work.*

*EXCEPTION: If a specific welder certification is required, then the 'Certified Welder' rate in that trade tag will be paid.

OVERTIME PAY

HOLIDAY

1-As Per Trade

Overtime Codes

Following is an explanation of the code(s) listed in the OVERTIME section of each classification contained in the attached schedule. Additional requirements may also be listed in the HOLIDAY section.

NOTE: Supplemental Benefits are 'Per hour worked' (for each hour worked) unless otherwise noted

- (AA) Time and one half of the hourly rate after 7 and one half hours per day
- (A) Time and one half of the hourly rate after 7 hours per day
- (B) Time and one half of the hourly rate after 8 hours per day
- (B1) Time and one half of the hourly rate for the 9th & 10th hours week days and the 1st 8 hours on Saturday.
Double the hourly rate for all additional hours
- (B2) Time and one half of the hourly rate after 40 hours per week
- (B3) Time and one half of the hourly rate after 40 straight hours per week
- (C) Double the hourly rate after 7 hours per day
- (C1) Double the hourly rate after 7 and one half hours per day
- (D) Double the hourly rate after 8 hours per day
- (D1) Double the hourly rate after 9 hours per day
- (E) Time and one half of the hourly rate on Saturday
- (E1) Time and one half 1st 4 hours on Saturday; Double the hourly rate all additional Saturday hours
- (E2) Saturday may be used as a make-up day at straight time when a day is lost during that week due to inclement weather
- (E3) Between November 1st and March 3rd Saturday may be used as a make-up day at straight time when a day is lost during that week due to inclement weather, provided a given employee has worked between 16 and 32 hours that week
- (E4) Sunday may be used as a make-up day at straight time when a day is lost during that week due to inclement weather
- (E5) Double time after 8 hours on Saturdays
- (F) Time and one half of the hourly rate on Saturday and Sunday
- (G) Time and one half of the hourly rate on Saturday and Holidays
- (H) Time and one half of the hourly rate on Saturday, Sunday, and Holidays
- (I) Time and one half of the hourly rate on Sunday
- (J) Time and one half of the hourly rate on Sunday and Holidays
- (K) Time and one half of the hourly rate on Holidays
- (L) Double the hourly rate on Saturday
- (M) Double the hourly rate on Saturday and Sunday
- (N) Double the hourly rate on Saturday and Holidays
- (O) Double the hourly rate on Saturday, Sunday, and Holidays
- (P) Double the hourly rate on Sunday
- (Q) Double the hourly rate on Sunday and Holidays
- (R) Double the hourly rate on Holidays

- (S) Two and one half times the hourly rate for Holidays
- (S1) Two and one half times the hourly rate the first 8 hours on Sunday or Holidays One and one half times the hourly rate all additional hours.
- (T) Triple the hourly rate for Holidays
- (U) Four times the hourly rate for Holidays
- (V) Including benefits at SAME PREMIUM as shown for overtime
- (W) Time and one half for benefits on all overtime hours.
- (X) Benefits payable on Paid Holiday at straight time. If worked, additional benefit amount will be required for worked hours. (Refer to other codes listed.)

Holiday Codes

PAID Holidays:

Paid Holidays are days for which an eligible employee receives a regular day's pay, but is not required to perform work. If an employee works on a day listed as a paid holiday, this remuneration is in addition to payment of the required prevailing rate for the work actually performed.

OVERTIME Holiday Pay:

Overtime holiday pay is the premium pay that is required for work performed on specified holidays. It is only required where the employee actually performs work on such holidays. The applicable holidays are listed under HOLIDAYS: OVERTIME. The required rate of pay for these covered holidays can be found in the OVERTIME PAY section listings for each classification.

Following is an explanation of the code(s) listed in the HOLIDAY section of each classification contained in the attached schedule. The Holidays as listed below are to be paid at the wage rates at which the employee is normally classified.

- | | |
|--------|---|
| (1) | None |
| (2) | Labor Day |
| (3) | Memorial Day and Labor Day |
| (4) | Memorial Day and July 4th |
| (5) | Memorial Day, July 4th, and Labor Day |
| (6) | New Year's, Thanksgiving, and Christmas |
| (7) | Lincoln's Birthday, Washington's Birthday, and Veterans Day |
| (8) | Good Friday |
| (9) | Lincoln's Birthday |
| (10) | Washington's Birthday |
| (11) | Columbus Day |
| (12) | Election Day |
| (13) | Presidential Election Day |
| (14) | 1/2 Day on Presidential Election Day |
| (15) | Veterans Day |
| (16) | Day after Thanksgiving |
| (17) | July 4th |
| (18) | 1/2 Day before Christmas |
| (19) | 1/2 Day before New Years |
| (20) | Thanksgiving |
| (21) | New Year's Day |
| (22) | Christmas |
| (23) | Day before Christmas |
| (24) | Day before New Year's |
| (25) | Presidents' Day |
| (26) | Martin Luther King, Jr. Day |
| (27) | Memorial Day |
| (28) | Easter Sunday |

(29) Juneteenth

**New York State Department of Labor - Bureau of Public Work
State Office Building Campus
Building 12 - Room 130
Albany, New York 12226**

REQUEST FOR WAGE AND SUPPLEMENT INFORMATION

As Required by Articles 8 and 9 of the NYS Labor Law

Fax (518) 485-1870 or mail this form for new schedules or for determination for additional occupations.

This Form Must Be Typed

Submitted By:

(Check Only One)

☐

Contracting Agency

☐

Architect or Engineering Firm

☐

Public Work District Office

Date:

A. Public Work Contract to be let by: (Enter Data Pertaining to Contracting/Public Agency)

1. Name and complete address ☐ (Check if new or change)

Telephone

Fax

E-Mail:

2. NY State Units (see Item 5).

☐ 01 DOT

☐ 02 OGS

☐ 03 Dormitory Authority

☐ 04 State University
Construction Fund

☐ 05 Mental Hygiene
Facilities Corp.

☐ 06 OTHER N.Y. STATE UNIT

☐ 07 City

☐ 08 Local School District

☐ 09 Special Local District, i.e.,
Fire, Sewer, Water District

☐ 10 Village

☐ 11 Town

☐ 12 County

☐ 13 Other Non-N.Y. State
(Describe)

3. SEND REPLY TO ☐ (check if new or change)
Name and complete address:

Telephone

Fax

E-Mail:

4. SERVICE REQUIRED. Check appropriate box and provide project information.

☐ New Schedule of Wages and Supplements.

APPROXIMATE BID DATE :

☐ Additional Occupation and/or Redetermination

PRC NUMBER ISSUED PREVIOUSLY FOR
THIS PROJECT :

OFFICE USE ONLY

B. PROJECT PARTICULARS

5. Project Title

Description of Work

Contract Identification Number

Note: For NYS units, the OSC Contract No.

6. Location of Project:
Location on Site

Route No/Street Address

Village or City

Town

County

7. Nature of Project - Check One:

☐

1. New Building

☐

2. Addition to Existing Structure

☐

3. Heavy and Highway Construction (New and Repair)

☐

4. New Sewer or Waterline

☐

5. Other New Construction (Explain)

☐

6. Other Reconstruction, Maintenance, Repair or Alteration

☐

7. Demolition

☐

8. Building Service Contract

8. OCCUPATION FOR PROJECT :

☐ Construction (Building, Heavy
Highway/Sewer/Water)

☐ Tunnel

☐ Residential

☐ Landscape Maintenance

☐ Elevator maintenance

☐ Exterminators, Fumigators

☐ Fire Safety Director, NYC Only

☐ Fuel Delivery

☐ Guards, Watchmen

☐ Janitors, Porters, Cleaners,

Elevator Operators

☐ Moving furniture and
equipment

☐ Trash and refuse removal

☐ Window cleaners

☐ Other (Describe)

9. Does this project comply with the Wicks Law involving separate bidding? YES ☐ NO ☐

10. Name and Title of Requester

Signature



NEW YORK STATE DEPARTMENT OF LABOR
Bureau of Public Work - Debarment List

**LIST OF EMPLOYERS INELIGIBLE TO BID ON OR BE
AWARDED ANY PUBLIC WORK CONTRACT**

Under Article 8 and Article 9 of the NYS Labor Law, a contractor, sub-contractor and/or its successor shall be debarred and ineligible to submit a bid on or be awarded any public work or public building service contract/sub-contract with the state, any municipal corporation or public body for a period of five (5) years from the date of debarment when:

- Two (2) final determinations have been rendered within any consecutive six-year (6) period determining that such contractor, sub-contractor and/or its successor has WILLFULLY failed to pay the prevailing wage and/or supplements;
- One (1) final determination involves falsification of payroll records or the kickback of wages and/or supplements.

The agency issuing the determination and providing the information, is denoted under the heading 'Fiscal Officer'. DOL = New York State Department of Labor; NYC = New York City Comptroller's Office; AG = New York State Attorney General's Office; DA = County District Attorney's Office.

Debarment Database: To search for contractors, sub-contractors and/or their successors debarred from bidding or being awarded any public work contract or subcontract under NYS Labor Law Articles 8 and 9, or under NYS Workers' Compensation Law Section 141-b, access the database at this link: <https://apps.labor.ny.gov/EDList/searchPage.do>

For inquiries please call 518-457-5589.

NYSDOL Bureau of Public Work Debarment List 09/26/2025

Article 8

AGENCY	Fiscal Officer	FEIN	EMPLOYER NAME	EMPLOYER DBA NAME	ADDRESS	DEBARMENT START DATE	DEBARMENT END DATE
DOL	DOL	*****5754	0369 CONTRACTORS, LLC		515 WEST AVE UNIT PH 13NORWALK CT 06850	05/12/2021	05/12/2026
DOL	DOL	*****5784	A.J.M. TRUCKING, INC.		PO BOX 2064 MONROE NY 10950	02/12/2024	02/12/2029
DOL	DOL		AKHLAQ OULAKH		4307 28TH AVE ASTORIA NY 11103	10/11/2024	10/11/2029
DOL	NYC		ALL COUNTY SEWER & DRAIN, INC.		7 GREENFIELD DR WARWICK NY 10990	03/25/2022	03/25/2027
DOL	DOL	*****8387	AMERICAN PAVING & MASONRY, CORP.		8 FOREST AVE GLEN COVE NY 11542	05/24/2024	05/24/2029
DOL	DOL	*****8654	AMERICAN PAVING, INC.		8 FORREST AVE. GLEN COVE NY 11542	05/24/2024	05/24/2029
DOL	NYC		AMJED PARVEZ		401 HANOVER AVENUE STATEN ISLAND NY 10304	01/11/2021	01/11/2026
DOL	DOL		ANGELO GARCIA		515 WEST AVE UNIT PH 13NORWALK CT 06850	05/12/2021	05/12/2026
DOL	DOL		ANGELO STANCO		8 FOREST AVE. GLEN COVE NY 11542	05/24/2024	05/24/2029
DOL	DOL		ANGELO TONDO		449 WEST MOMBSHA ROAD MONROE NY 10950	06/06/2022	06/06/2027
DOL	DOL	*****4231	ANKER'S ELECTRIC SERVICE, INC.		10 SOUTH 5TH ST LOCUST VALLEY NY 11560	09/26/2022	09/26/2027
DOL	DOL		ANTHONY MONGELLI		PO BOX 2064 MONROE NY 10950	02/12/2024	02/12/2029
DOL	DOL	*****8421	B & B DRYWALL, INC		206 WARREN AVE APT 1WHITE PLAINS NY 10603	12/14/2021	12/14/2026
DOL	NYC	*****2113	BHW CONTRACTING, INC.		401 HANOVER AVENUE STATEN ISLAND NY 10304	01/11/2021	01/11/2026
DOL	DA	*****2404	BJA RENOVATION, CORP		33 DOLLARD DR NORTH BABYLON NY 11703	03/19/2025	03/19/2030
DOL	DOL	*****5078	BLACK RIVER TREE REMOVAL, LLC		29807 ANDREWS ROAD BLACK RIVER NY 13032	10/17/2023	10/17/2028
DOL	DOL		BRADLEY J SCHUKA		4 BROTHERS ROAD WAPPINGERS FALLS NY 12590	10/20/2020	10/20/2025
DOL	DOL	*****5161	CALADRI DEVELOPMENT CORP.		1223 PARK ST. PEEKSKILL NY 10566	05/17/2021	05/17/2026
DOL	DOL	*****3391	CALI ENTERPRISES, INC.		1223 PARK STREET PEEKSKILL NY 10566	05/17/2021	05/17/2026
DOL	DOL	*****4155	CASA BUILDERS, INC.	FRIEDLANDER CONSTRUCTION	64 N PUTT CONNERS ROAD NEW PALTZ NY 12561	05/10/2023	05/10/2028
DOL	AG	*****7247	CENTURY CONCRETE CORP		2375 RAYNOR ST RONKONKOMA NY 11779	08/04/2021	08/04/2026
DOL	DOL	*****0026	CHANTICLEER CONSTRUCTION LLC		4 BROTHERS ROAD WAPPINGERS FALLS NY 12590	10/20/2020	10/20/2025
DOL	NYC	*****2117	CHARAN ELECTRICAL ENTERPRISES		9-11 40TH AVENUE LONG ISLAND CITY NY 11101	09/26/2023	09/26/2028
DOL	DOL		CHRISTOPHER GRECO		26 NORTH MYRTLE AVENUE SPRING VALLEY NY 10956	02/18/2021	02/18/2026
DOL	DOL		CHRISTOPHER PEROSI		5507 NESCONSET HIGHWAY MT. SINAI NY 11766	07/17/2025	07/17/2030
DOL	DOL	*****2281	CORRAO TRUCKING, INC.		PO BOX 393 NANUET NY 10954	09/17/2024	09/17/2029
DOL	DOL		CRAIG JOHANSEN		10 SOUTH 5TH ST LOCUST VALLEY NY 11560	09/26/2022	09/26/2027
DOL	DOL	*****3228	CROSS-COUNTY LANDSCAPING AND TREE SERVICE, INC.	ROCKLAND TREE SERVICE	26 NORTH MYRTLE AVENUE SPRING VALLEY NY 10956	02/18/2021	02/18/2026
DOL	DOL	*****7619	DANCO CONSTRUCTION UNLIMITED INC.		485 RAFT AVENUE HOLBROOK NY 11741	10/19/2021	10/19/2026
DOL	DOL		DANIEL ROBERT MCNALLY		7 GREENFIELD DRIVE WARWICK NY 10990	03/25/2022	03/25/2027
DOL	DOL		DARWIN PEGUESE		6400 BALTIMORE NATIONAL SUITE 602CANTONSVILLE NY 21228	10/24/2024	10/24/2029
DOL	DOL		DAVID FRIEDLANDER		64 NORTH PUTT CORNERS RD NEW PALTZ NY 12561	05/10/2023	05/10/2028
DOL	DOL		DINA TAYLOR		64 N PUTT CONNERS RD NEW PALTZ NY 12561	05/10/2023	05/10/2028
DOL	AG		EDWIN HUTZLER		23 NORTH HOWELLS RD	08/04/2021	08/04/2026

NYSDOL Bureau of Public Work Debarment List 09/26/2025

Article 8

DOL	DA		EDWIN HUTZLER		2375 RAYNOR STREET RONKONKOMA NY 11779	08/04/2021	08/04/2026
DOL	DOL	*****2337	EGL DRAINAGE SOLUTION & REPAIRS LLC		5507 NESCONSET HIGHWAY MT. SINAI NY 11766	07/17/2025	07/17/2030
DOL	DOL	*****0780	EMES HEATING & PLUMBING CONTR		5 EMES LANE MONSEY NY 10952	01/20/2002	01/20/3002
DOL	DOL		EMIL KISZKO		84 DIAMOND ST BROOKLYN NY 11222	07/18/2024	07/18/2029
DOL	DOL	*****3298	EMJACK CONSTRUCTION CORP.		84 DIAMOND ST BROOKLYN NY 11222	07/18/2024	07/18/2029
DOL	DOL	*****3298	EMJACK CONSTRUCTION LLC		4192 SIR ANDREW CIRCLE DOYLESTOWN PA 18902	07/18/2024	07/18/2029
DOL	DOL		EUGENIUSZ "GINO" KUCHAR		195 KINGSLAND AVE BROOKLYN NY 11222	12/22/2023	12/22/2028
DOL	DA		FREDERICK HUTZLER		2375 RAYNOR STREET RONKONKOMA NY 11779	08/04/2021	08/04/2026
DOL	DOL	*****2998	G.E.M. AMERICAN CONSTRUCTION CORP.		195 KINGSLAND AVE BROOKLYN NY 11222	12/22/2023	12/22/2028
DOL	DA		GEORGE LUCEY		150 KINGS STREET BROOKLYN NY 11231	01/19/1998	01/19/2998
DOL	DA		GIOVANNA TRAVALJA		3735 9TH ST LONG ISLAND CITY NY 11101	01/05/2023	01/05/2028
DOL	DA		GIOVANNI NAPOLITANO		2501 BAYVIEW AVENUE WANTAGH NY 11793	02/21/2024	02/21/2029
DOL	DA	*****0213	GORILLA CONTRACTING GROUP, LLC		505 MANHATTAN AVE WEST BABYLON NY 11704	10/05/2023	10/05/2028
DOL	DA	*****4760	GTX CONSTRUCTION ASSOCIATES, CORP		2501 BAYVIEW AVE WANTAGH NY 11793	02/21/2024	02/21/2029
DOL	DOL		HERBERT CLEMEN		42 FOWLER AVENUE CORTLAND MANOR NY 10567	01/24/2023	01/24/2028
DOL	DOL		HERBERT CLEMEN		42 FOWLER AVENUE CORTLAND MANOR NY 10567	10/25/2022	10/25/2027
DOL	DOL	*****2397	ISLAND BREEZE MARINE, INC.		6400 BALTIMORE NATIONAL CANTONSVILLE MD 21228	10/24/2024	10/24/2029
DOL	DOL	*****5010	J. LINDSLEY ENTERPRISE, LLC		1002 STATE ROUTE 176 FULTON NY 13069	07/30/2025	07/30/2030
DOL	DOL	*****0241	J. LINDSLEY ROOFING, LLC		211 NORTH 2ND STREET FULTON NY 13069	07/30/2025	07/30/2030
DOL	DOL	*****9211	J. WASE CONSTRUCTION CORP.		8545 RT 9W ATHENS NY 12015	03/09/2021	03/09/2026
DOL	DOL		J.M.J CONSTRUCTION		151 OSTRANDER AVENUE SYRACUSE NY 13205	11/21/2022	11/21/2027
DOL	DOL		J.R. NELSON CONSTRUCTION		531 THIRD STREET ALBANY NY 12206	11/07/2023	11/07/2028
DOL	DOL		J.R. NELSON CONSTRUCTION		531 THIRD STREET ALBANY NY 12206	12/22/2022	12/22/2027
DOL	DOL		J.R. NELSON CONSTRUCTION		531 THIRD STREET ALBANY NY 12206	10/25/2022	10/25/2027
DOL	DOL		J.R. NELSON, LLC		531 THIRD STREET ALBANY NY 12206	12/22/2022	12/22/2027
DOL	DOL		J.R. NELSON, LLC		531 THIRD STREET ALBANY NY 12206	11/07/2023	11/07/2028
DOL	DOL		J.R. NELSON, LLC		531 THIRD STREET ALBANY NY 12206	10/25/2022	10/25/2027
DOL	DOL		J.R.N COMPANIES, LLC		531 THIRD STREET ALBANY NY 12206	12/12/2022	12/12/2027
DOL	DOL		J.R.N COMPANIES, LLC		531 THIRD STREET ALBANY NY 12206	11/07/2023	11/07/2028
DOL	DOL		J.R.N COMPANIES, LLC		531 THIRD STREET ALBANY NY 12206	10/25/2022	10/25/2027
DOL	DOL	*****1147	J.R.N. CONSTRUCTION, LLC		531 THIRD ST ALBANY NY 12206	11/07/2023	11/07/2028
DOL	DOL	*****1147	J.R.N. CONSTRUCTION, LLC		531 THIRD ST ALBANY NY 12206	12/22/2022	12/22/2027
DOL	DOL	*****1147	J.R.N. CONSTRUCTION, LLC		531 THIRD ST ALBANY NY 12206	10/25/2022	10/25/2027
DOL	DOL		JAMES J. BAKER		7901 GEE ROAD CANASTOTA NY 13032	08/17/2021	08/17/2026
DOL	DOL		JAMES LINDSLEY		211 NORTH 2ND STREET FULTON NY 13069	07/30/2025	07/30/2030
DOL	DOL		JASON P. RACE		3469 STATE RT. 69 PERISH NY 13131	09/29/2021	09/29/2026
DOL	DOL		JASON P. RACE		3469 STATE RT. 69	02/09/2022	02/09/2027

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DOL	DOL		JASON P. RACE		3469 STATE RT. 69 PERISH NY 13131	11/15/2022	11/15/2027
DOL	DOL		JASON P. RACE		3469 STATE RT. 69 PERISH NY 13131	03/01/2022	03/01/2027
DOL	DOL	*****7993	JBS DIRT, INC.		7901 GEE ROAD CANASTOTA NY 13032	08/17/2021	08/17/2026
DOL	DOL	*****2435	JEFFEL D. JOHNSON	JMJ7 AND SON	5553 CAIRNSTRAIL CLAY NY 13041	11/21/2022	11/21/2027
DOL	DOL		JEFFEL JOHNSON ELITE CARPENTER REMODEL AND CONSTRUCTION		C2 EVERGREEN CIRCLE LIVERPOOL NY 13090	11/21/2022	11/21/2027
DOL	DOL	*****2435	JEFFREY M. JOHNSON	JMJ7 AND SON	5553 CAIRNS TRAIL CLAY NY 13041	11/21/2022	11/21/2027
DOL	DOL		JENNIFER LINDSLEY		211 NORTH 2ND STREET FULTON NY 13069	07/30/2025	07/30/2030
DOL	DOL		JIM PLAUGHER		17613 SANTE FE LINE ROAD WAYNEFIELD OH 45896	07/16/2021	07/16/2026
DOL	DOL		JMJ7 & SON CONSTRUCTION, LLC		5553 CAIRNS TRAIL LIVERPOOL NY 13041	11/21/2022	11/21/2027
DOL	DOL		JMJ7 AND SONS CONTRACTORS		5553 CAIRNS TRAIL CLAY NY 13041	11/21/2022	11/21/2027
DOL	DOL		JMJ7 CONTRACTORS		7014 13TH AVENUE BROOKLYN NY 11228	11/21/2022	11/21/2027
DOL	DOL		JMJ7 CONTRACTORS AND SONS		5553 CAIRNS TRAIL CLAY NY 13041	11/21/2022	11/21/2027
DOL	DOL		JMJ7 CONTRACTORS, LLC		5553 CAIRNS TRAIL CLAY NY 13041	11/21/2022	11/21/2027
DOL	DOL		JOHN MARKOVIC		47 MANDON TERRACE HAWTHORN NJ 07506	03/29/2021	03/29/2026
DOL	DOL		JOHN WASE		8545 RT 9W ATHENS NY 12015	03/09/2021	03/09/2026
DOL	DOL		JORGE RAMOS		8970 MIKE GARCIA DR MANASSAS VA 20109	07/16/2021	07/16/2026
DOL	DA		JOSEPH DEMASCO		33 DOLLARD DRIVE NORTH BABYLON NY 11703	03/19/2025	03/19/2030
DOL	DOL		JOSEPH HALL		937 US ROUTE 11 CENTRAL SQUARE NY 13036	10/21/2024	10/21/2029
DOL	DOL	*****2271	JOSEPH HALL COMPANIES LLC		937 US ROUTE 11 CENTRAL SQUARE NY 13036	10/21/2024	10/21/2029
DOL	DOL		JOSEPH K. SALERNO		1010 TILDEN AVE UTICA NY 13501	07/24/2023	07/24/2028
DOL	DOL		JOSEPH K. SALERNO II		1010 TILDEN AVE UTICA NY 13501	07/24/2023	07/24/2028
DOL	DOL	*****5116	JP RACE PAINTING, INC. T/A RACE PAINTING		3469 STATE RT. 69 PERISH NY 13131	02/09/2022	02/09/2027
DOL	DOL	*****5116	JP RACE PAINTING, INC. T/A RACE PAINTING		3469 STATE RT. 69 PERISH NY 13131	11/15/2022	11/15/2027
DOL	DOL	*****5116	JP RACE PAINTING, INC. T/A RACE PAINTING		3469 STATE RT. 69 PERISH NY 13131	09/29/2021	09/29/2026
DOL	DOL	*****5116	JP RACE PAINTING, INC. T/A RACE PAINTING		3469 STATE RT. 69 PERISH NY 13131	03/01/2022	03/01/2027
DOL	DOL	*****5116	JP RACE PAINTING, INC. T/A RACE PAINTING		3469 STATE RT. 69 PERISH NY 13131	03/01/2022	03/01/2027
DOL	DOL		JRN CONSTRUCTION CO, LLC		1024 BROADWAY ALBANY NY 12204	11/07/2023	11/07/2028
DOL	DOL	*****1147	JRN CONSTRUCTION, LLC		531 THIRD STREET ALBANY NY 12206	10/25/2022	10/25/2027
DOL	DOL	*****1147	JRN CONSTRUCTION, LLC		531 THIRD STREET ALBANY NY 12206	12/22/2022	12/22/2027
DOL	DOL	*****1147	JRN CONSTRUCTION, LLC		531 THIRD STREET ALBANY NY 12206	11/07/2023	11/07/2028
DOL	DOL		JRN PAVING, LLC		531 THIRD STREET ALBANY NY 12206	10/25/2022	10/25/2027
DOL	DOL		JRN PAVING, LLC		531 THIRD STREET ALBANY NY 12206	12/22/2022	12/22/2027
DOL	DOL		JRN PAVING, LLC		531 THIRD STREET ALBANY NY 12206	11/07/2023	11/07/2028
DOL	DOL		JULIUS AND GITA BEHREND		5 EMES LANE MONSEY NY 10952	11/20/2002	11/20/3002
DOL	DOL		KARIN MANGIN		796 PHELPS ROAD FRANKLIN LAKES NJ 07417	12/01/2020	12/01/2025
DOL	DOL		KATE E. CONNOR		7088 INTERSTATE ISLAND RD SYRACUSE NY 13209	03/31/2021	03/31/2026

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DOL	DOL		KEAN INDUSTRIES, LLC		2345 RT. 52 SUITE 2NHOPEWELL JUNCTION NY 12533	12/18/2023	12/18/2028
DOL	DOL	*****2959	KELC DEVELOPMENT, INC		7088 INTERSTATE ISLAND RD SYRACUSE NY 13209	03/31/2021	03/31/2026
DOL	DOL		KEVIN FUNEZ URBINA A/K/A KEVIN FUNEZ		1009 LYNDALE AVE TRENTON NJ 08629	12/16/2024	12/16/2029
DOL	DOL		KIMBERLY F. BAKER		7901 GEE ROAD CANASTOTA NY 13032	08/17/2021	08/17/2026
DOL	DOL	*****8760	KJ&J CONSTRUCTION, LLC		1009 LYNDALE AVE TRENTON NJ 08629	12/16/2024	12/16/2029
DOL	DOL		KMA GROUP II, INC.		29-10 38TH AVENUE LONG ISLAND CITY NY 11101	10/11/2023	10/11/2028
DOL	DOL	*****1833	KMA GROUP INC.		29-10 38TH AVENUE LONG ISLAND CITY NY 11101	10/11/2023	10/11/2028
DOL	DOL		KMA INSULATION, INC.		29-10 38TH AVENUE LONG ISLAND CITY NY 11101	10/11/2023	10/11/2028
DOL	DOL		KRIN HEINEMANN		2345 ROUTE 52, SUITE 2N HOPEWELL JUNCTION NY 12533	12/18/2023	12/18/2028
DOL	NYC		KULWANT S. DEOL		9-11 40TH AVENUE LONG ISLAND CITY NY 11101	09/26/2023	09/26/2028
DOL	DA	*****8816	LAKE CONSTRUCTION AND DEVELOPMENT CORPORATION		150 KINGS STREET BROOKLYN NY 11231	08/19/1998	08/19/2998
DOL	DOL		LEROY E. NELSON JR		531 THIRD ST ALBANY NY 12206	10/25/2022	10/25/2027
DOL	DOL		LEROY E. NELSON JR		531 THIRD ST ALBANY NY 12206	12/22/2022	12/22/2027
DOL	DOL		LEROY E. NELSON JR		531 THIRD ST ALBANY NY 12206	11/07/2023	11/07/2028
DOL	DOL	*****3716	LIGHTNIN ELECTRIC INC.		3418 NORTHERN BLVD SUITE 5-27LONG ISLAND CITY NY 11101	12/13/2024	12/13/2029
DOL	AG	*****3291	LINTECH ELECTRIC, INC.		3006 TILDEN AVE BROOKLYN NY 11226	02/16/2022	02/16/2027
DOL	DOL		LOUIS A. CALICCHIA		1223 PARK ST. PEEKSKILL NY 10566	05/17/2021	05/17/2026
DOL	DOL	*****2196	MAINSTREAM SPECIALTIES, INC.		11 OLD TOWN RD SELKIRK NY 12158	02/02/2021	02/02/2026
DOL	DA		MANUEL P TOBIO		150 KINGS STREET BROOKLYN NY 14444	08/19/1998	08/19/2998
DOL	DA		MANUEL TOBIO		150 KINGS STREET BROOKLYN NY 11231	08/19/1998	08/19/2998
DOL	DOL	*****1320	MJC MASON CONTRACTING, INC.		42 FOWLER AVENUE CORTLAND MANOR NY 10567	10/25/2022	10/25/2027
DOL	DOL	*****1320	MJC MASON CONTRACTING, INC.		42 FOWLER AVENUE CORTLAND MANOR NY 10567	01/24/2023	01/24/2028
DOL	DOL		MOHAMMAD MIAN		8269 21ST ST BELLEROSE NY 11426	12/22/2022	12/22/2027
DOL	NYC		NASEER CHAUDHRY		2349 BRAGG STREET BROOKLYN NY 11229	04/22/2025	04/22/2030
DOL	DOL	*****7790	NATIONAL BUILDING & RESTORATION CORP		1010 TILDEN AVE UTICA NY 13501	07/24/2023	07/24/2028
DOL	DOL	*****1797	NATIONAL CONSTRUCTION SERVICES, INC		1010 TILDEN AVE UTICA NY 13501	07/24/2023	07/24/2028
DOL	NYC		NAVIT SINGH		402 JERICHO TURNPIKE NEW HYDE PARK NY 11040	08/10/2022	08/10/2027
DOL	DOL		NELCO CONTRACTING, LLC		1024 BROADWAY ALBANY NY 12204	11/07/2023	11/07/2028
DOL	DA		NICHOLAS BARNETT		33 DOLLARD DR BABYLON NY 11703	03/04/2025	03/04/2030
DOL	DA		NICHOLAS T. ANALITIS		505 MANHATTAN AVE WEST BABYLON NY 11704	10/05/2023	10/05/2028
DOL	DOL		NICHOLE E. FRASER A/K/A NICHOLE RACE		3469 STATE RT. 69 PERISH NY 13131	03/01/2022	03/01/2027
DOL	DOL		NICHOLE E. FRASER A/K/A NICHOLE RACE		3469 STATE RT. 69 PERISH NY 13131	11/15/2022	11/15/2027
DOL	DOL		NICHOLE E. FRASER A/K/A NICHOLE RACE		3469 STATE RT. 69 PERISH NY 13131	09/29/2021	09/29/2026
DOL	DOL		NICHOLE E. FRASER A/K/A NICHOLE RACE		3469 STATE RT. 69 PERISH NY 13131	02/09/2022	02/09/2027
DOL	DOL		NIKOLA NTONI		3418 NORTHERN BLVD SUITE 5-27LONG ISLAND CITY NY 11101	12/13/2024	12/13/2029

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DOL	NYC	*****6971	NN CONSTRUCTION, INC.	2349 BRAGG STREET BROOKLYN NY 11229	04/22/2025	04/22/2030
DOL	NYC	*****5643	NYC LINE CONTRACTORS, INC.	402 JERICHO TURNPIKE NEW HYDE PARK NY 11040	08/10/2022	08/10/2027
DOL	DOL		PATRICK PENNACCHIO	2345 RT. 52 SUITE 2NHOPEWELL JUNCTION NY 12533	12/18/2023	12/18/2028
DOL	DOL		PATRICK PENNACCHIO	2345 RT. 52 SUITE 2NHOPEWELL JUNCTION NY 12533	12/18/2023	12/18/2028
DOL	DOL		PAULINE CHAHALES	935 S LAKE BLVD MAHOPAC NY 10541	03/02/2021	03/02/2026
DOL	DOL		PETER STEVENS	11 OLD TOWN ROAD SELKIRK NY 12158	02/02/2021	02/02/2026
DOL	DOL	*****4168	PHANTOM CONSTRUCTION CORP.	95-27 116TH STREET QUEENS NY 11419	07/12/2024	07/12/2029
DOL	DOL	*****4168	PHANTOM CONSTRUCTION CORP.	95-27 116TH STREET QUEENS NY 11419	05/28/2024	05/28/2029
DOL	DOL	*****4772	R.W. LOBDELL CONSTRUCTION LLC	635 WEST DRYDEN ROAD FREEVILLE NY 13068	01/31/2025	01/31/2030
DOL	DOL	*****2633	RAW POWER ELECTRIC CORP.	3 PARK CIRCLE MIDDLETOWN NY 10940	07/11/2022	07/11/2027
DOL	DA	*****7559	REGAL CONTRACTING INC.	24 WOODBINE AVE NORTHPORT NY 11768	10/01/2020	10/01/2025
DOL	DOL		ROBBYE BISSEAR	89-51 SPRINGFIELD BLVD QUEENS VILLAGE NY 11427	01/11/2003	01/11/3003
DOL	DOL		ROMEO WARREN	161 ROBYN RD MONROE NY 10950	07/11/2022	07/11/2027
DOL	DOL	*****7172	RZ & AL INC.	198 RIDGE AVENUE VALLEY STREAM NY 11581	06/06/2022	06/06/2027
DOL	DOL		SAL FRESINA MASONRY CONTRACTORS, INC.	1935 TEALL AVENUE SYRACUSE NY 13206	07/16/2021	07/16/2026
DOL	DOL		SAL MASONRY CONTRACTORS, INC.	(SEE COMMENTS) SYRACUSE NY 13202	07/16/2021	07/16/2026
DOL	DOL	*****9874	SALFREE ENTERPRISES INC	P.O BOX 14 2821 GARDNER RDPOMPEI NY 13138	07/16/2021	07/16/2026
DOL	DOL		SALVATORE A FRESINA A/K/A SAM FRESINA	107 FACTORY AVE P.O BOX 11070SYRACUSE NY 13218	07/16/2021	07/16/2026
DOL	DOL		SAM FRESINA	107 FACTORY AVE P.O BOX 11070SYRACUSE NY 13218	07/16/2021	07/16/2026
DOL	DA	*****0476	SAMCO ELECTRIC CORP.	3735 9TH ST LONG ISLAND CITY NY 11101	01/05/2023	01/05/2028
DOL	DA		SILVANO TRAVALJA	3735 9TH ST LONG ISLAND CITY NY 11101	01/05/2023	01/05/2028
DOL	DOL	*****0440	SOLAR GUYS INC.	8970 MIKE GARCIA DR MANASSAS VA 20109	07/16/2021	07/16/2026
DOL	NYC	*****3661	SPANIER BUILDING MAINTENANCE CORP	200 OAK DRIVE SYOSSET NY 11791	03/14/2022	03/14/2027
DOL	DOL		STANADOS KALOGELAS	485 RAFT AVENUE HOLBROOK NY 11741	10/19/2021	10/19/2026
DOL	DOL	*****3496	STAR INTERNATIONAL INC	89-51 SPRINGFIELD BLVD QUEENS VILLAGE NY 11427	08/11/2003	08/11/3003
DOL	DOL	*****9528	STEEL-IT, LLC.	17613 SANTE FE LINE ROAD WAYNESFIELD OH 45896	07/16/2021	07/16/2026
DOL	DOL	*****3800	SUBURBAN RESTORATION CO. INC.	5-10 BANTA PLACE FAIR LAWN PLACE NJ 07410	03/29/2021	03/29/2026
DOL	DOL	*****9150	SURGE INC.	8269 21ST STREET BELLEROSE NY 11426	12/22/2022	12/22/2027
DOL	DOL		SYED MUHAMMAD S. JAFRI A/K/A SHARRUKH JAFRI	4307 28TH AVE ASTORIA NY 11103	10/11/2024	10/11/2029
DOL	DOL		SYED RAZA	198 RIDGE AVENUE NY 11581	06/06/2022	06/06/2027
DOL	DOL		TARLOK SINGH	95-27 116TH STREET QUEENS NY 11419	05/28/2024	05/28/2029
DOL	DOL		TARLOK SINGH	95-27 116TH STREET QUEENS NY 11419	07/12/2024	07/12/2029
DOL	DOL	*****9733	TERSAL CONSTRUCTION SERVICES INC	107 FACTORY AVE P.O BOX 11070SYRACUSE NY 13208	07/16/2021	07/16/2026
DOL	DOL		TERSAL CONTRACTORS, INC.	221 GARDNER RD P.O BOX 14POMPEI NY 13138	07/16/2021	07/16/2026

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DOL	DOL	*****2426	THE MATRUKH GROUP, INC.		4307 28TH AVE PO BOX 9082ASTORIA NY 11103	10/11/2024	10/11/2029
DOL	DOL		THOMAS LOBDELL		635 WEST DRYDEN ROAD FREEVILLE NY 13068	01/31/2025	01/31/2030
DOL	DOL		TIMOTHY PERCY		29807 ANDREWS ROAD BLACK RIVER NY 13612	10/17/2023	10/17/2028
DOL	DA	*****1050	TRI STATE CONSTRUCTION OF NY CORP.		50-39 175TH PLACE FRESH MEADOWS NY 11365	03/28/2022	03/28/2027
DOL	DA	*****4106	TRIPLE H CONCRETE CORP		2375 RAYNOR STREET RONKONKOMA NY 11779	08/04/2021	08/04/2026
DOL	DOL	*****8210	UPSTATE CONCRETE & MASONRY CONTRACTING CO INC		449 WEST MOMBSHA ROAD MONROE NY 10950	06/06/2022	06/06/2027
DOL	DOL	*****6418	VALHALLA CONSTRUCTION, LLC.		796 PHLEPS ROAD FRANKLIN LAKES NJ 07417	12/01/2020	12/01/2025
DOL	DOL		VINCENT CORRAO		PO BOX 393 NANUET NY 10954	09/17/2024	09/17/2029
DOL	DOL	*****8266	WILLIAM CHRIS MCCLENDON	MCCLENDON ASPHALT PAVING	1646 FALLS STREET NIAGARA FALLS NY 14303	05/01/2023	05/01/2028
DOL	DOL		WILLIAM CHRIS MCCLENDON		1646 FALLS STREET NIAGARA FALLS NY 14303	05/01/2023	05/01/2028
DOL	DOL		WILLIAM G. PROERFRIEDT		85 SPRUCEWOOD ROAD WEST BABYLON NY 11704	01/19/2021	01/19/2026
DOL	DOL	*****5924	WILLIAM G. PROPHY, LLC	WGP CONTRACTIN G, INC.	54 PENTAQUIT AVE BAYSHORE NY 11706	01/19/2021	01/19/2026
DOL	DOL		WILLIAM SCRIVENS		4192 SIR ANDREW CIRCLE DOYELSTOWN PA 18902	07/18/2024	07/18/2029
DOL	DOL		XENOFON EFTHIMIADIS		29-10 38TH AVENUE LONG ISLAND CITY NY 11101	10/11/2023	10/11/2028

SECTION 084113 - ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Aluminum-framed entrance and storefront systems.

B. Related Requirements:

1. Section 088000 "Glazing" for glass within aluminum-framed entrances and storefronts.
2. Section 084413 "Glazed Aluminum Curtain Walls" for entrances located within curtain walls.

1.2 PREINSTALLATION MEETINGS

- A. Preinstallation Conference: Conduct conference at Project site.

1.3 ACTION SUBMITTALS

A. Product Data:

1. Aluminum-framed entrance and storefront systems.

B. Product Data Submittals: For each product.

1. Construction details, material descriptions, dimensions of individual components and profiles, and finishes.
2. Operating characteristics, electrical characteristics, and furnished accessories.

C. Shop Drawings:

1. Plans, elevations, sections, full-size details, and attachments to other work.
2. Details of provisions for assembly expansion and contraction and for draining moisture occurring within the assembly to the exterior.
3. Full-size isometric details of each type of vertical-to-horizontal intersection of aluminum-framed entrance and storefront systems, showing the following:
 - a. Joinery, including concealed welds.
 - b. Anchorage.
 - c. Expansion provisions.
 - d. Glazing.
 - e. Flashing and drainage.
4. Connection to and continuity with adjacent thermal, weather, air, and vapor barriers.
5. Point-to-point wiring diagrams showing the following:
 - a. Power requirements for each electrically operated door hardware.

- b. Location and types of switches, signal device, conduit sizes, and number and size of wires.
- 6. Signed and sealed by the qualified professional engineer responsible for their preparation.
- D. Samples for Initial Selection: Manufacturer's standard color sheets, showing full range of available colors for each type of exposed finish.
- E. Samples for Verification: Actual sample of finished products for each type of exposed finish.
 - 1. Size: Manufacturers' standard size.
- F. Fabrication Sample: Of each vertical-to-horizontal intersection of assemblies, made from 12-inch lengths of full-size components and showing details of the following:
 - 1. Joinery, including concealed welds.
 - 2. Anchorage.
 - 3. Expansion provisions.
 - 4. Glazing.
 - 5. Flashing and drainage.
- G. Delegated Design Submittals: For aluminum-framed entrances and storefront systems, including analysis data signed and sealed by the qualified professional engineer responsible for their preparation.

1.4 INFORMATIONAL SUBMITTALS

- A. Energy Performance Certificates: For aluminum-framed entrance and storefront systems, accessories, and components, from manufacturer.
 - 1. Basis for Certification: NFRC-certified energy performance values for each aluminum-framed entrance and storefront system.
- B. Product Test Reports: For aluminum-framed entrance and storefront systems, for tests performed by a qualified testing agency.
- C. Preconstruction Test Reports: For aluminum-framed entrance and storefront systems.
 - 1. Testing Program: Developed specifically for Project.
 - 2. Test Reports: Prepared by a qualified preconstruction testing agency for each preconstruction test.
 - 3. Record Drawings: As-built drawings of preconstruction laboratory mockups showing changes made during preconstruction laboratory mockup testing.
- D. Source Quality-Control Reports: For aluminum-framed entrance and storefront systems.
- E. Field Quality-Control Reports: For aluminum-framed entrance and storefront systems.
- F. Quality-Control Program: Developed specifically for Project, including fabrication and installation, in accordance with recommendations in ASTM C1401. Include periodic quality-control reports.
- G. Qualification Statements:

1. For Installer and field testing agency and egress door inspector.
 - H. Delegated Design Engineer Qualifications: For aluminum-framed entrance and storefront systems.
 - I. Sample Warranties: For aluminum-framed entrance and storefront systems.
- 1.5 CLOSEOUT SUBMITTALS
- A. Operation and Maintenance Data: For aluminum-framed entrance and storefront systems.
 - B. Maintenance Data for Structural Sealant: For structural-sealant-glazed storefront. Include ASTM C1401 recommendations for post-installation-phase quality-control program.
- 1.6 QUALITY ASSURANCE
- A. Installer Qualifications:
 1. Fabricator of products.
 2. Entity that employs installers and supervisors who are trained and approved by manufacturer.
 3. Authorized representative who is trained and approved by manufacturer.
 4. Entity that is certified under the North American Contractor Certification Program (NACC) and that employs installers and supervisors who are trained and approved by manufacturer and who are certified under the Architectural Glass and Metal Technician (AGMT) certification program.
 - B. Delegated Design Engineer Qualifications: A professional engineer who is legally qualified to practice in state where Project is located and who is experienced in providing engineering services of the type indicated.
 - C. Testing Agency Qualifications: Qualified in accordance with ASTM E699 for testing indicated and accredited by IAS or ILAC Mutual Recognition Arrangement as complying with ISO/IEC 17025 and acceptable to Owner and Architect.
 - D. Product Options: Information on Drawings and in Specifications establishes requirements for aesthetic effects and performance characteristics of assemblies. Aesthetic effects are indicated by dimensions, arrangements, alignment, and profiles of components and assemblies relate to sightlines, to one another, and to adjoining construction.
 1. Do not change intended aesthetic effects, as judged solely by Architect, except with Architect's approval. If changes are proposed, submit comprehensive explanatory data to Architect for review.
 - E. Structural-Sealant Glazing: Comply with ASTM C1401 for design and installation of storefront systems that include structural glazing.
- 1.7 PRECONSTRUCTION TESTING
- A. Preconstruction Adhesion and Compatibility Testing: Submit to structural glazing sealant manufacturer, for testing indicated below, Samples of each glazing material type, tape sealant,

gasket, glazing accessory, and glass-framing member that is in close proximity to or is touching the structural or nonstructural sealants of a structural glazed system.

1. Compatibility: Test materials or components using ASTM C1087.
2. Adhesion: Test for adhesion or lack of adhesion of a structural sealant to the surface of another material or component using ASTM C1135.
3. Submit no fewer than eight pieces of each type of material, including joint substrates, shims, joint-sealant backings, secondary seals, and miscellaneous materials.
4. Schedule sufficient time for testing and analyzing results to prevent delaying the Work.
5. For materials failing tests, obtain sealant manufacturer's written instructions for corrective measures, including the use of specially formulated primers.
6. Testing will not be required if data based on previous testing of current sealant products match those submitted.

1.8 WARRANTY

- A. Special Warranty: Manufacturer and Installer agree to repair or replace components of aluminum-framed entrance and storefront systems that fail in materials or workmanship within specified warranty period.

1. Failures include, but are not limited to, the following:
 - a. Structural failures of framing members.
 - b. Faulty operation of entrances, windows and related components
 - c. Deterioration of metals, metal finishes, and other materials beyond normal weathering.
2. Warranty Period: Two years from date of Substantial Completion.

- B. Special Finish Warranty, Anodized Finishes: Standard form in which manufacturer agrees to repair finishes or replace aluminum that shows evidence of deterioration of anodized finishes within specified warranty period.

1. Deterioration includes, but is not limited to, the following:
 - a. Color fading more than 5 Delta E units when tested in accordance with ASTM D 2244.
 - b. Chalking in excess of a No. 8 rating when tested in accordance with ASTM D 4214.
 - c. Cracking, peeling, or chipping.
2. Warranty Period: 10 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 SOURCE LIMITATIONS

- A. Obtain all components of aluminum-framed entrance and storefront system, including framing spandrel panels, venting windows and accessories, from single manufacturer.

2.2 PERFORMANCE REQUIREMENTS

- A. Delegated Design: Engage a qualified professional engineer, as defined in Section 014000 "Quality Requirements," to design aluminum-framed entrance and storefront systems.
- B. General Performance: Comply with performance requirements specified, as determined by testing of aluminum-framed entrance and storefront systems representing those indicated for this Project without failure due to defective manufacture, fabrication, installation, or other defects in construction.
 - 1. Aluminum-framed entrance and storefront systems to withstand movements of supporting structure, including, but not limited to, twist, column shortening, long-term creep, and deflection from uniformly distributed
 - 2. Failure also includes the following:
 - a. Thermal stresses transferring to building structure.
 - b. Glass breakage.
 - c. Noise or vibration created by wind and thermal and structural movements.
 - d. Loosening or weakening of fasteners, attachments, and other components.
 - e. Failure of operating units.
- C. Structural Loads:
 - 1. Wind Loads: As indicated on Drawings.
 - 2. Other Design Loads: As indicated on Drawings.
- D. Deflection of Framing Members Supporting Glass: At design wind load, as follows:
 - 1. Deflection Normal to Wall Plane: Limited to $1/175$ of clear span for spans of up to 13 feet 6 inches and to $1/240$ of clear span plus $1/4$ inch for spans greater than 13 feet 6 inches.
 - 2. Deflection Parallel to Glazing Plane: Limited to amount not exceeding that which reduces glazing bite to less than 75 percent of design dimension and that which reduces edge clearance between framing members and glazing or other fixed components to less than $1/8$ inch.
 - a. Operable Units: Provide a minimum $1/16$ -inch clearance between framing members and operable units.
 - 3. Cantilever Deflection: Limited to $2L/175$ at unsupported cantilevers.
- E. Structural: Test in accordance with ASTM E330/E330M as follows:
 - 1. When tested at positive and negative wind-load design pressures, storefront assemblies, including entrance doors, do not evidence deflection exceeding specified limits.
 - 2. When tested at 150 percent of positive and negative wind-load design pressures, storefront assemblies, including entrance doors and anchorage, do not evidence material failures, structural distress, or permanent deformation of main framing members exceeding 0.2 percent of span.
 - 3. Test Durations: As required by design wind velocity, but not less than 10 seconds.
- F. Water Penetration under Static Pressure: Test in accordance with ASTM E331 as follows:

1. No evidence of water penetration through fixed glazing and framing areas, including entrance doors, when tested in accordance with a minimum static-air-pressure differential of 20 percent of positive wind-load design pressure, but not less than 6.24 lbf/sq. ft.
- G. Water Penetration under Dynamic Pressure: Test in accordance with AAMA 501.1 as follows:
1. No evidence of water penetration through fixed glazing and framing areas when tested at dynamic pressure equal to 20 percent of positive wind-load design pressure, but not less than 6.24 lbf/sq. ft..
 2. Maximum Water Leakage: No uncontrolled water penetrating assemblies or water appearing on assemblies' normally exposed interior surfaces from sources other than condensation. Water leakage does not include water controlled by flashing and gutters, or water that is drained to exterior.
- H. Seismic Performance: Aluminum-framed entrance and storefront systems to withstand the effects of earthquake motions determined in accordance with ASCE/SEI 7.
1. Seismic Drift Causing Glass Fallout: Complying with criteria for passing based on building occupancy type when tested in accordance with AAMA 501.6 at design displacement and 1.5 times the design displacement.
- I. Energy Performance: Certified and labeled by manufacturer for energy performance as follows:
1. Thermal Transmittance (U-factor):
 - a. Fixed Glazing and Framing Areas: U-factor for the system of not more than 0.38 Btu/sq. ft. x h x deg F as determined in accordance with NFRC 100.
 - b. Entrance Doors: U-factor of not more than 0.77 Btu/sq. ft. x h x deg F as determined in accordance with NFRC 100.
 - c. Venting Windows: Whole window U-factor of not more than 0.45 Btu/sq. ft. x h x deg F as determined in accordance with NFRC 100.
 2. Solar Heat-Gain Coefficient (SHGC):
 - a. Fixed Glazing and Framing Areas: SHGC for the system of not more than 0.38 as determined in accordance with NFRC 200.
 - b. Entrance Doors: SHGC of not more than 0.38 as determined in accordance with NFRC 200.
 - c. Venting Windows: Whole window SHGC of not more than 0.38 as determined in accordance with NFRC 200.
 3. Air Leakage:
 - a. Fixed Glazing and Framing Areas: Air leakage for the system of not more than 0.06 cfm/sq. ft. at a static-air-pressure differential of 6.24 lbf/sq. ft. when tested in accordance with ASTM E283.
 - b. Entrance Doors: Air leakage of not more than 1.0 cfm/sq. ft. at a static-air-pressure differential of 1.57 lbf/sq. ft..
 - c. Venting Windows: Whole window air leakage of not more than 0.1 cfm/sq. ft. at a static-air-pressure differential of 6.24 lbf/sq. ft. when tested in accordance with AAMA/WDMA/CSA 101/I.S.2/A440.
 4. Condensation Resistance Factor (CRF):

- a. Fixed Glazing and Framing Areas: CRF for the system of not less than 70 as determined in accordance with AAMA 1503.
 - b. Entrance Doors: CRF of not less than 68 as determined in accordance with AAMA 1503.
 - c. Venting Windows: Whole window CRF of not less than 55 as determined in accordance with AAMA 1503.
- J. Noise Reduction: Test in accordance with ASTM E90, with ratings determined by ASTM E1332, as follows.
1. Outdoor-Indoor Transmission Class: Minimum 26.
- K. Thermal Movements: Allow for thermal movements resulting from ambient and surface temperature changes.
1. Temperature Change: 120 deg F, ambient; 180 deg F, material surfaces.
 2. Thermal Cycling: No buckling; stress on glass; sealant failure; excess stress on framing, anchors, and fasteners; or reduction of performance when tested in accordance with AAMA 501.5.
 - a. High Exterior Ambient-Air Temperature: That which produces an exterior metal-surface temperature of 180 deg F.
 - b. Low Exterior Ambient-Air Temperature: 0 deg F.
 - c. Interior Ambient-Air Temperature: 75 deg F.
- L. Structural-Sealant Joints:
1. Designed to carry gravity loads of glazing.
- M. Structural Sealant: ASTM C1184. Capable of withstanding tensile and shear stresses imposed by structural-sealant-glazed, aluminum-framed entrance and storefront systems without failing adhesively or cohesively. When tested for preconstruction adhesion and compatibility, cohesive failure of sealant to occur before adhesive failure.
1. Adhesive failure occurs when sealant pulls away from substrate cleanly, leaving no sealant material behind.
 2. Cohesive failure occurs when sealant breaks or tears within itself but does not separate from each substrate, because sealant-to-substrate bond strength exceeds sealant's internal strength.

2.3 ALUMINUM-FRAMED ENTRANCE AND STOREFRONT SYSTEMS

- A. Basis-of-Design Product: Subject to compliance with requirements, provide **Tubelite Inc.; T14000 Series Storefront and T24650 Series Storefront** or comparable product by one of the following:
- a. Kawneer Company, Inc.; Arconic Corporation.
 - b. OldCastle Building Envelope (OBE).
- B. Framing Members: Manufacturer's extruded- or formed-aluminum framing members of thickness required and reinforced as required to support imposed loads.
1. Exterior Framing Construction: Thermally broken.
 2. Interior Vestibule Framing Construction: Same as exterior framing.

3. Glazing System: Retained mechanically with gaskets on four sides typical. Retained mechanically with gaskets on two sides and structural sealant on two sides in locations as indicated on the Drawings.
 4. Glazing Plane: Front.
 5. Finish: Clear anodic finish.
 6. Fabrication Method: Field-fabricated stick system.
 7. Aluminum: Alloy and temper recommended by manufacturer for type of use and finish indicated.
 8. Steel Reinforcement: As required by manufacturer.
- C. Backer Plates: Manufacturer's standard, continuous backer plates for framing members, if not integral, where framing abuts adjacent construction.
- D. Brackets and Reinforcements: Manufacturer's standard high-strength aluminum with nonstaining, nonferrous shims for aligning system components.
- E. Glazed Spandrel Panels:
1. Comply with Section 088000 "Glazing."
- F. Venting Windows:
1. Basis-of-Design Product: Subject to compliance with requirements, provide **Tubelite Inc.; Phantom Vent 5000** zero sight line projecting operable window or comparable product by one of the following:
 - a. Kawneer Company, Inc.; Arconic Corporation.
 - b. OldCastle Building Envelope (OBE).
 2. Manufacturer's standard units, complying with AAMA/WDMA/CSA 101/I.S.2/A440, with self-flashing mounting fins, and as follows:
 - a. Window Type: Awning.
 - b. Minimum Performance Class: AW.
 - c. Hardware: Manufacturer's standard; of aluminum, stainless steel or die-cast steel; including the following:
 - 1) Multi-point locking system.
 - 2) Rotary operator.
 - 3) Stainless Steel operating arms.
 - d. Weather Stripping: Provide full-perimeter weather stripping for each operable sash unless otherwise indicated.
 - e. Insect Screens: Provide removable insect screen on each operable exterior sash, with screen frame finished to match window unit, complying with SMA 1004 or SMA 1201, and as follows:
 - 1) Aluminum Wire Fabric: 18-by-18, 0.0445-inch-by-0.0445-inch; 18-by-16, 0.0445-inch-by-0.0515-inch; or 18-by-14, 0.0445-inch-by-0.0624-inch mesh of 0.013-inch- diameter, coated aluminum wire.
 - f. Glazing: Same as adjacent aluminum-framed entrances and storefront glazing.
 - g. Finish: Match adjacent aluminum-framed entrances and storefront finish.
- G. Vertical Sunshades:
1. Basis-of-Design Product: Subject to compliance with requirements, provide **Tubelite Inc.; Single Blade Sunshade** or comparable product by one of the following:
 - a. Kawneer Company, Inc.; Arconic Corporation.

- b. OldCastle Building Envelope (OBE).
 - 2. Manufacturer's standard units, as follows:
 - a. Size/Profile: 9-inch Airfoil Sunshade
 - b. Closure: Top and bottom caps with weeps
 - c. Mounting Brackets: Manufacturer's standard mounting brackets for mounting on framing system.
 - 1) Quantity: Bracket quantity per sunshade as recommended by manufacturer
 - d. Finish: Match adjacent aluminum-framed entrances and storefront finish.
 - H. Entrance Doors: Manufacturer's standard glazed entrance doors for manual-swing or automatic operation.
 - 1. Door Construction: 2-inch overall thickness, with minimum 0.188-inch- thick, extruded-aluminum tubular rail and stile members. Mechanically fasten corners with reinforcing brackets that are deeply penetrated and fillet welded or that incorporate concealed tie rods.
 - a. Thermal Construction: High-performance plastic connectors separate aluminum members exposed to the exterior from members exposed to the interior.
 - 2. Door Design: Wide stile; 5-inch nominal width.
 - 3. Glazing Stops and Gaskets: Beveled, snap-on, extruded-aluminum stops and preformed gaskets.
 - a. Provide nonremovable glazing stops on outside of door.
 - 4. Finish: Match adjacent storefront framing finish.
- 2.4 ENTRANCE DOOR HARDWARE
- A. Entrance Door Hardware: Hardware not specified in this Section is specified in Section 087100 "Door Hardware."
 - B. Weather Stripping: Manufacturer's standard replaceable components.
 - 1. Compression Type: Made of ASTM D2000 molded neoprene or ASTM D2287 molded PVC.
 - C. Weather Sweeps: Manufacturer's standard exterior-door bottom sweep with concealed fasteners on mounting strip.
 - D. Thresholds: BHMA A156.21 raised thresholds beveled with a slope of not more than 1:2, with maximum height of 1/2 inch.
- 2.5 GLAZING
- A. Glazing: Comply with Section 088000 "Glazing."
 - B. Glazing Gaskets: Comply with Section 088000 "Glazing."
 - C. Glazing Sealants: Comply with Section 088000 "Glazing."

- D. Structural Glazing Sealants: ASTM C1184 chemically curing silicone formulation that is compatible with system components with which it comes in contact; specifically formulated and tested for use as structural sealant and approved by structural-sealant manufacturer for use in storefront system indicated.

- 1. Color: As selected by Architect from manufacturer's full range of colors.

- E. Weatherseal Sealants: ASTM C920 for Type S; Grade NS; Class 25; Uses NT, G, A, and O; chemically curing silicone formulation that is compatible with structural sealant and other system components with which it comes in contact; recommended by structural-sealant, weatherseal-sealant, and structural-sealant glazed storefront manufacturers for this use.

- 1. Color: Match structural sealant.

2.6 MATERIALS

- A. Sheet and Plate: ASTM B209.

- B. Extruded Bars, Rods, Profiles, and Tubes: ASTM B221.

- C. Structural Profiles: ASTM B308/B308M.

- D. Steel Reinforcement:

- 1. Structural Shapes, Plates, and Bars: ASTM A36/A36M.
 - 2. Cold-Rolled Sheet and Strip: ASTM A1008/A1008M.
 - 3. Hot-Rolled Sheet and Strip: ASTM A1011/A1011M.

- E. Steel Reinforcement Primer: Manufacturer's standard zinc-rich, corrosion-resistant primer complying with SSPC-PS Guide No. 12.00; applied immediately after surface preparation and pretreatment. Select surface preparation methods in accordance with recommendations in SSPC-SP COM, and prepare surfaces in accordance with applicable SSPC standard.

2.7 ACCESSORIES

- A. Fasteners and Accessories: Manufacturer's standard corrosion-resistant, nonstaining, nonbleeding fasteners and accessories compatible with adjacent materials.

- 1. Use self-locking devices where fasteners are subject to loosening or turning out from thermal and structural movements, wind loads, or vibration.
 - 2. Reinforce members as required to receive fastener threads.
 - 3. Use exposed fasteners with countersunk Phillips screw heads, finished to match framing system.

- B. Anchors: Three-way adjustable anchors with minimum adjustment of 1 inch that accommodate fabrication and installation tolerances in material and finish compatible with adjoining materials and recommended by manufacturer.

- 1. Concrete and Masonry Inserts: Hot-dip galvanized cast-iron, malleable-iron, or steel inserts complying with ASTM A123/A123M or ASTM A153/A153M requirements.

- C. Concealed Flashing: Manufacturer's standard corrosion-resistant, nonstaining, nonbleeding flashing compatible with adjacent materials.
- D. Bituminous Paint: Cold-applied asphalt-mastic paint containing no asbestos, formulated for 30-mil thickness per coat.
- E. Rigid PVC filler.

2.8 FABRICATION

- A. Form or extrude aluminum shapes before finishing.
- B. Weld in concealed locations to greatest extent possible to minimize distortion or discoloration of finish. Remove weld spatter and welding oxides from exposed surfaces by descaling or grinding.
- C. Fabricate components that, when assembled, have the following characteristics:
 - 1. Profiles that are sharp, straight, and free of defects or deformations.
 - 2. Accurately fitted joints with ends coped or mitered.
 - 3. Physical and thermal isolation of glazing from framing members.
 - 4. Accommodations for thermal and mechanical movements of glazing and framing to maintain required glazing edge clearances.
 - 5. Provisions for field replacement of glazing from exterior.
 - 6. Fasteners, anchors, and connection devices that are concealed from view to greatest extent possible.
- D. Mechanically Glazed Framing Members: Fabricate for flush glazing without projecting stops.
- E. Structural-Sealant-Glazed Framing Members: Include accommodations for using temporary support device to retain glazing in place while structural sealant cures.
- F. Storefront Framing: Fabricate components for assembly using head-and-sill-receptor system with shear blocks at intermediate horizontal members.
- G. Entrance Door Frames: Reinforce as required to support loads imposed by door operation and for installing entrance door hardware.
 - 1. At interior and exterior doors, provide compression weather stripping at fixed stops.
- H. Entrance Doors: Reinforce doors as required for installing entrance door hardware.
 - 1. At pairs of exterior doors, provide sliding-type weather stripping retained in adjustable strip and mortised into door edge.
 - 2. At exterior doors, provide weather sweeps applied to door bottoms.
- I. Entrance Door Hardware Installation: Factory install entrance door hardware to the greatest extent possible. Cut, drill, and tap for factory-installed entrance door hardware before applying finishes.
- J. After fabrication, clearly mark components to identify their locations in Project in accordance with Shop Drawings.

2.9 ALUMINUM FINISHES

- A. Clear Anodic Finish: AAMA 611, AA-M12C22A41, Class I, 0.018 mm or thicker.

2.10 SOURCE QUALITY CONTROL

- A. Structural Sealant: Perform quality-control procedures complying with ASTM C1401 recommendations, including, but not limited to, assembly material qualification procedures, sealant testing, and assembly fabrication reviews and checks.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine areas, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION OF ALUMINUM-FRAMED ENTRANCE AND STOREFRONT SYSTEMS

- A. Comply with manufacturer's written instructions.
- B. Do not install damaged components.
- C. Fit joints to produce hairline joints free of burrs and distortion.
- D. Rigidly secure nonmovement joints.
- E. Install anchors with separators and isolators to prevent metal corrosion and electrolytic deterioration and to prevent impeding movement of moving joints.
- F. Seal perimeter and other joints watertight unless otherwise indicated.
- G. Metal Protection:
 - 1. Where aluminum is in contact with dissimilar metals, protect against galvanic action by painting contact surfaces with materials recommended by manufacturer for this purpose or by installing nonconductive spacers.
 - 2. Where aluminum is in contact with concrete or masonry, protect against corrosion by painting contact surfaces with bituminous paint.
- H. Set continuous sill members and flashing in full sealant bed, as specified in Section 079200 "Joint Sealants," to produce weathertight installation.
- I. Install joint filler behind sealant as recommended by sealant manufacturer.
- J. Install components plumb and true in alignment with established lines and grades.

- K. Install operable units level and plumb, securely anchored, and without distortion. Adjust weather-stripping contact and hardware movement to produce proper operation.
- L. Install entrance doors to produce smooth operation and tight fit at contact points.
 - 1. Exterior Doors: Install to produce weathertight enclosure and tight fit at weather stripping.
 - 2. Field-Installed Entrance Door Hardware: Install surface-mounted entrance door hardware in accordance with entrance door hardware manufacturers' written instructions using concealed fasteners to greatest extent possible.
- M. Install glazing as specified in Section 088000 "Glazing."
- N. Install structural glazing as follows:
 - 1. Prepare surfaces that will contact structural sealant in accordance with sealant manufacturer's written instructions, to ensure compatibility and adhesion. Preparation includes, but is not limited to, cleaning and priming surfaces.
 - 2. Set glazing into framing in accordance with sealant manufacturer and framing manufacturer's written instructions and standard practice. Use a spacer or backer as recommended by manufacturer.
 - 3. Set glazing with proper orientation so that coatings face exterior or interior as specified.
 - 4. Hold glazing in place using temporary retainers of type and spacing recommended by manufacturer, until structural sealant joint has cured.
 - 5. Apply structural sealant to completely fill cavity, in accordance with sealant manufacturer and framing manufacturer's written instructions and in compliance with local codes.
 - 6. Apply structural sealant at temperatures indicated by sealant manufacturer for type of sealant.
 - 7. Allow structural sealant to cure in accordance with manufacturer's written instructions.
 - 8. Clean and protect glass as indicated in Section 088000 "Glazing."
 - 9. After structural sealant has completely cured, remove temporary retainers and insert backer rod between lites of glass as recommended by sealant manufacturer.
 - 10. Install weatherseal sealant to completely fill cavity, in accordance with sealant manufacturer's written instructions, to produce weatherproof joints.

3.3 ERECTION TOLERANCES

- A. Install aluminum-framed entrance and storefront systems to comply with the following maximum tolerances:
 - 1. Plumb: 1/8 inch in 10 feet; 1/4 inch in 40 feet.
 - 2. Level: 1/8 inch in 20 feet; 1/4 inch in 40 feet.
 - 3. Alignment:
 - a. Where surfaces abut in line or are separated by reveal or protruding element up to 1/2 inch wide, limit offset from true alignment to 1/16 inch.
 - b. Where surfaces are separated by reveal or protruding element from 1/2 to 1 inch wide, limit offset from true alignment to 1/8 inch.
 - c. Where surfaces are separated by reveal or protruding element of 1 inch wide or more, limit offset from true alignment to 1/4 inch.
 - 4. Location: Limit variation from plane to 1/8 inch in 12 feet; 1/2 inch over total length.

3.4 FIELD QUALITY CONTROL

- A. Testing Agency: Engage a qualified testing agency to perform tests.
- B. Tests: Perform the following tests on representative areas of aluminum-framed entrance and storefront systems.
 - 1. Water-Spray Test: Before installation of interior finishes has begun, areas designated by Architect to be tested in accordance with AAMA 501.2 and to not evidence water penetration.
 - a. Perform a minimum of three tests in areas as directed by Architect.
 - 2. Air Leakage: ASTM E783 at 1.5 times the rate specified for laboratory testing in "Performance Requirements" Article but not more than 0.09 cfm/sq. ft. at a static-air-pressure differential of 1.57 lbf/sq. ft..
 - a. Perform a minimum of three tests in areas as directed by Architect.
 - 3. Water Penetration: ASTM E1105 at a minimum uniform and cyclic static-air-pressure differential of 0.67 times the static-air-pressure differential specified for laboratory testing in "Performance Requirements" Article, but not less than 6.24 lbf/sq. ft., and to not evidence water penetration.
- C. Aluminum-framed entrance and storefront systems will be considered defective if they do not pass tests and inspections.
- D. Prepare test and inspection reports.

END OF SECTION 084113

SECTION 087100 – DOOR HARDWARE

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 includes commercial door hardware for the following:
 - 1. Swinging doors.
- B. 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 80 - Fire Doors and Windows.
 - 4. NFPA 101 - Life Safety Code.
 - 5. State Building Codes, Local Amendments.
- C. 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.

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.
 - 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. 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.

1.4 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. 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.
- C. 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.
- D. Source Limitations: Obtain each type and variety of door hardware specified in this section from a single source unless otherwise indicated.
 - 1. Electrified modifications or enhancements made to a source manufacturer's product line by a secondary or third party source will not be accepted.
- E. Each unit to bear third party permanent label demonstrating compliance with the referenced standards.
- F. Keying Conference: Conduct conference to comply with requirements in Division 01 Section "Project Meetings." Keying conference to incorporate the following criteria into the final keying schedule document:
 - 1. Function of building, purpose of each area and degree of security required.
 - 2. Plans for existing and future key system expansion.
 - 3. Requirements for key control storage and software.
 - 4. Installation of permanent keys, cylinder cores and software.
 - 5. Address and requirements for delivery of keys.
- G. Pre-Submittal Conference: Conduct coordination conference in compliance with requirements in Division 01 Section "Project Meetings" with attendance by representatives of Supplier(s), Installer(s), and Contractor(s) to review proper methods and the procedures for receiving, handling, and installing door hardware.
 - 1. Prior to installation of door hardware, conduct a project specific training meeting to instruct the installing contractors' personnel on the proper installation and adjustment of their respective products. Product training to be attended by installers of door hardware (including electromechanical hardware) for aluminum, hollow metal and wood doors. Training will include the use of installation manuals, hardware schedules, templates and physical product samples as required.
 - 2. Inspect and discuss electrical roughing-in, power supply connections, and other preparatory work performed by other trades.
 - 3. Review sequence of operation narratives for each unique access controlled opening.
 - 4. Review and finalize construction schedule and verify availability of materials.
 - 5. Review the required inspecting, testing, commissioning, and demonstration procedures
- H. At completion of installation, provide written documentation that components were applied to manufacturer's instructions and recommendations and according to approved schedule.

1.5 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".

1.6 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.

1.7 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. Standard Warranty Period: One year from date of Substantial Completion, unless otherwise indicated.
- D. Special Warranty Periods:

1. Ten years for mortise locks and latches.
2. Seven years for heavy duty cylindrical (bored) locks and latches.
3. Five years for exit hardware.
4. Thirty years for manual overhead door closer bodies.
5. Two years for electromechanical door hardware.

1.8 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. 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. 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 HANGING DEVICES

- A. Continuous Geared Hinges: ANSI/BHMA A156.26 Grade 1 certified.
 1. Manufacturers:
 - a. Architectural Builders Hardware (AH).
 - b. Hager Companies (HA).
 - c. Pemko Products (PE).

2.3 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.
 1. Manufacturers:

- a. Best (BE).
 - b. No Substitution.
 - B. Cylinders: Original manufacturer cylinders complying with the following:
 1. Mortise Type: Threaded cylinders with rings and cams to suit hardware application.
 2. Rim Type: Cylinders with back plate, flat-type vertical or horizontal tailpiece, and raised trim ring.
 3. Bored-Lock Type: Cylinders with tailpieces to suit locks.
 4. Mortise and rim cylinder collars to be solid and recessed to allow the cylinder face to be flush and be free spinning with matching finishes.
 5. Keyway: Match Existing.
 - C. Interchangeable Cores: Provide small format interchangeable cores as specified, core insert, removable by use of a special key; usable with other manufacturers' cylinders.
 - D. 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.
 - E. Key Quantity: Provide the following minimum number of keys:
 1. Change Keys per Cylinder: Two (2)
 2. Master Keys (per Master Key Level/Group): Five (5).
 3. Construction Keys (where required): Ten (10).
 4. Construction Control Keys (where required): Two (2).
 5. Permanent Control Keys (where required): Two (2).
 - F. Construction Keying: Provide construction master keyed cylinders.
 - G. Construction Keying: Provide temporary keyed construction cores.
 - H. Key Registration List (Bitting List):
 1. Provide keying transcript list to Owner's representative in the proper format for importing into key control software.
 2. Provide transcript list in writing or electronic file as directed by the Owner.
- 2.4 EXIT DEVICES
- A. General Requirements: All exit devices specified herein shall meet or exceed the following criteria:
 1. Exit Devices: ANSI/BHMA A156.3, Grade 1 Certified.
 2. 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.

3. Cycle Testing: Provide exits which have surpassed 10 million cycles.
4. 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.
5. Dummy Push Bar: Nonfunctioning push bar matching functional push bar.
6. Rail Sizing: Provide exit device rails factory sized for proper door width application.
7. Exit device latch to be stainless steel, pullman type, with deadlock feature.
8. Manufacturers:
 - a. Precision (PR) Apex Series
 - b. Von Duprin (VD) - 99 Series.
 - c. Detex (DE) Advantex Series

2.5 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. Door Closers: ANSI/BHMA A156.4, Grade 1 Certified.
3. Standards: Closers to comply with UL-10C for Positive Pressure Fire Test and be U.L. listed for use of fire rated doors.
4. Cycle Testing: Provide closers which have surpassed 10 million cycles.
5. 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.
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.
8. Manufacturers:
 - a. LCN Closers (LC) – 4040XP Series.
 - b. Sargent (SA) – 281 Series
 - c. Norton (NO) – 9500 Series

2.6 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 certified 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. Burns (BU).
 - b. Rockwood Products (RO).
 - c. Trimco (TC).
- C. Overhead Door Stops and Holders: ANSI/BHMA A156.8, Grade 1 overhead stops and holders.
 - 1. Manufacturers:
 - a. Architectural Builders Hardware (AH).
 - b. Glynn Johnson (GJ).
 - c. Rixson Door Controls (RF).

2.7 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 NPFA 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. National Guard Products (NG).
2. Pemko Products (PE).
3. Reese Enterprises, Inc. (RE).

2.8 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.

2.9 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 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. Wood Doors: DHI WDHS.3, "Recommended Locations for Architectural Hardware for Wood Flush Doors."
 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. Thresholds: Set thresholds for exterior and acoustical doors in full bed of sealant complying with requirements specified in Division 7 Section "Joint Sealants."
- D. 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.

3.3 FIELD QUALITY CONTROL

- A. Field Inspection (Punch Report): Produce project punch report for each installed door opening indicating compliance with approved submittals and verification hardware is properly installed, operating and adjusted. Include list of items to be completed and corrected, indicating the reasons or deficiencies causing the Work to be incomplete or rejected.

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.

Hardware Sets

Set: 1.0

Doors: 100A, 108, 132A

2 Electric Continuous Hinge	A160HD 083 EA12-EZDK	C	AH
1 Mullion	KR822	689	PR
1 Electric Rim Exit, Nightlatch	MLR C 2403 2903A	630	PR
1 Electric Rim Exit, Dummy	MLR C 2402 2902A	630	PR
2 Cylinder and core	1E type as required	626	BE
2 Overhead Stop	1023SA	US32D	AH
2 Closer, Parallel Arm	4040XP EDA	689	LC
2 Drop Plate	4040XP-18	.689	LC
2 Spacer	4040XP-61	.689	LC
1 Perimeter Gasket	By Frame Manufacturer		OT
1 Mullion Gasket	5100N- 86"		NG
2 Sweep	C627A		NG
1 Threshold	8424 1/4-20 SSMS/EA SIA		NG
2 Wire Harness	EZDK-12		AH
2 Wire Harness	EZDK-362-1		AH
2 Door Position Switch	DPS-M-GY		SU
1 Request to Exit Switch	SREX-100		AK
1 Power Supply	AQL104-E1-B100-D8M8NL4		SU

Notes: 1 Power supply shared between doors 100A, 100B, 100C
 1 Power supply shared between doors 132A, 132B, 132C

Theory of operation:

Doors are to be programmed to be unlocked or locks as required by the access control system.

When locked:

Entry allowed through the access control system or mechanical key override.

Upon valid credentials the exit device shall unlock for 5 seconds, return to the locked state.

Remote access is allowed through access control system

Free egress at all times

Upon power failure the door shall remain secure, fail secure.

When programmed to be unlocked:

Both exit devices will be electronically held in the dogged position and doors can be pulled open.

Upon alarmed event or power failure the exit devices will release and return to the secure state.

Free egress at all times.

Set: 2.0

Doors: 167A

2 Electric Continuous Hinge	A160HD 083 EA12-EZDK	C	AH
1 Mullion	KR822	689	PR
1 Electric Rim Exit, Nightlatch	MLR C 2403 2903A	630	PR
1 Electric Rim Exit, Dummy	MLR C 2402 2902A	630	PR
1 Cylinder and core	1E type as required	626	BE
2 Closer, Parallel Arm	4040XP EDA	689	LC
2 Drop Plate	4040XP-18	.689	LC
2 Spacer	4040XP-61	.689	LC
2 Wall Stop	570	US32D	BU
1 Perimeter Gasket	By Frame Manufacturer		OT
1 Mullion Gasket	5100N- 86"		NG
2 Sweep	C627A		NG
1 Threshold	8424 1/4-20 SSMS/EA SIA		NG
1 Wire Harness	EZDK-12		AH
1 Wire Harness	EZDK-362-1		AH
1 Door Position Switch	DPS-M-GY		SU
1 Request to Exit Switch	SREX-100		AK
1 Power Supply	AQL104-E1-B100-D8M8NL4		SU

Notes: 1 Power supply share between doors 167A, 167D 167F

Theory of operation:

Doors are to be programmed to be unlocked or locks as required by the access control system.

When locked:

Entry allowed through the access control system or mechanical key override.

Upon valid credentials the exit device shall unlock for 5 seconds, return to the locked state.

Remote access is allowed through access control system

Free egress at all times

Upon power failure the door shall remain secure, fail secure.

When programmed to be unlocked:

Both exit devices will be electronically held in the dogged position and doors can be pulled open.

Upon alarmed event or power failure the exit devices will release and return to the secure state.

Free egress at all times.

Set: 3.0

Doors: 167D, 167F

DOOR HARDWARE

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2 Electric Continuous Hinge	A160HD 083 EA12-EZDK	C	AH
1 Mullion	KR822	689	PR
1 Electric Rim Exit, Nightlatch	MLR C 2403 2903A	630	PR
1 Electric Rim Exit, Dummy	MLR C 2402 2902A	630	PR
2 Cylinder and core	1E type as required	626	BE
1 Overhead Stop	1023SA	US32D	AH
2 Closer, Parallel Arm	4040XP EDA	689	LC
2 Drop Plate	4040XP-18	.689	LC
2 Spacer	4040XP-61	.689	LC
1 Wall Stop	570	US32D	BU
1 Perimeter Gasket	By Frame Manufacturer		OT
1 Mullion Gasket	5100N- 86"		NG
2 Sweep	C627A		NG
1 Threshold	8424 1/4-20 SSMS/EA SIA		NG
2 Wire Harness	EZDK-12		AH
2 Wire Harness	EZDK-362-1		AH
2 Door Position Switch	DPS-M-GY		SU
1 Request to Exit Switch	SREX-100		AK

Notes: 1 Power supply share between doors 167A, 167D 167F

Theory of operation:

Doors are to be programmed to be unlocked or locks as required by the access control system.

When locked:

Entry allowed through the access control system or mechanical key override.

Upon valid credentials the exit device shall unlock for 5 seconds, return to the locked state.

Remote access is allowed through access control system

Free egress at all times

Upon power failure the door shall remain secure, fail secure.

When programmed to be unlocked:

Both exit devices will be electronically held in the dogged position and doors can be pulled open.

Upon alarmed event or power failure the exit devices will release and return to the secure state.

Free egress at all times.

Set: 4.0

Doors: 100B, 100C, 112A, 132B, 132C

2 Electric Continuous Hinge	A160HD 083 EA12-EZDK	C	AH
1 Mullion	KR822	689	PR
2 Electric Rim Exit, Dummy	MLR C 2402 2902A	630	PR
1 Cylinder and core	1E type as required	626	BE
2 Overhead Stop	1023SA	US32D	AH
2 Closer, Parallel Arm	4040XP EDA	689	LC
2 Drop Plate	4040XP-18	.689	LC
2 Spacer	4040XP-61	.689	LC
1 Perimeter Gasket	By Frame Manufacturer		OT
1 Mullion Gasket	5100N- 86"		NG
2 Sweep	C627A		NG
1 Threshold	8424 1/4-20 SSMS/EA SIA		NG
2 Wire Harness	EZDK-12		AH
2 Wire Harness	EZDK-362-1		AH
2 Door Position Switch	DPS-M-GY		SU
1 Request to Exit Switch	SREX-100		AK

Notes: 1 Power supply share between doors 100A, 100B, 100C

Theory of operation:

Doors are to be programmed to be unlocked or locks as required by the access control system.

When locked:

No entry is allowed.

Free egress at all times

Upon power failure the door shall remain secure, fail secure.

When programmed to be unlocked:

Both exit devices will be electronically held in the dogged position and doors can be pulled open.

Upon alarmed event or power failure the exit devices will release and return to the secure state.

Free egress at all times.

Set: 5.0

Doors: 100D, 100F, 132D, 132F, 167E

2 Continuous Hinge	A160HD 083	C	AH
2 Push Bar & Pull	422 x 39-1C Type 1HD	US32D	BU
1 Overhead Stop	1023SA	US32D	AH
2 Closer, Parallel Arm	4040XP EDA	689	LC
2 Drop Plate	4040XP-18	.689	LC
2 Spacer	4040XP-61	.689	LC
1 Wall Stop	570	US32D	BU
1 Perimeter Gasket	By Frame Manufacturer		OT

Set: 6.0

Doors: 100E, 132E

2 Continuous Hinge	A160HD 083	C	AH
2 Push Bar & Pull	422 x 39-1C Type 1HD	US32D	BU
2 Overhead Stop	1023SA	US32D	AH
2 Closer, Parallel Arm	4040XP EDA	689	LC
2 Drop Plate	4040XP-18	.689	LC
2 Spacer	4040XP-61	.689	LC
1 Perimeter Gasket	By Frame Manufacturer		OT

Set: 7.0

Doors: 167B, 167C

2 Continuous Hinge	A160HD 083	C	AH
2 Push Bar & Pull	422 x 39-1C Type 1HD	US32D	BU
2 Closer, Parallel Arm	4040XP EDA	689	LC
2 Drop Plate	4040XP-18	.689	LC
2 Spacer	4040XP-61	.689	LC
2 Wall Stop	570	US32D	BU
1 Perimeter Gasket	By Frame Manufacturer		OT

Set: 8.0

Doors: 112B, 132G

2 Electric Continuous Hinge	A160HD 083 EA12-EZDK	C	AH
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1 Mullion	KR822	689	PR
1 Electric Rim Exit, Nightlatch	MLR C 2403 2903A	630	PR
1 Electric Rim Exit, Dummy	MLR C 2402 2902A	630	PR
1 Cylinder and core	1E type as required	626	BE
2 Overhead Stop	1023SA	US32D	AH
1 Closer, Parallel Arm	4040XP EDA	689	LC
1 Drop Plate	4040XP-18	.689	LC
1 Spacer	4040XP-61	.689	LC
1 Door Operator and Actuators	Reuse Existing		OT
1 Perimeter Gasket	By Frame Manufacturer		OT
1 Mullion Gasket	5100N- 86"		NG
2 Sweep	C627A		NG
1 Threshold	8424 1/4-20 SSMS/EA SIA		NG
2 Wire Harness	EZDK-12		AH
2 Wire Harness	EZDK-362-1		AH
2 Door Position Switch	DPS-M-GY		SU
1 Request to Exit Switch	SREX-100		AK
1 Power Supply	AQL6-B100M8NL4E1		SU

Notes: Theory of operation:

Doors are to be programmed to be unlocked or locks as required by the access control system.

When locked:

Entry allowed through the access control system or mechanical key override.

Upon valid credentials the exit device shall unlock for 5 seconds and the exterior actuator will become active. After 5 seconds the exit device returns to the locked state and the exterior actuator becomes inactive.

Remote access is allowed through access control system

Free egress at all times

Upon power failure the door shall remain secure, fail secure.

When programmed to be unlocked:

Both exit devices will be electronically held in the dogged position and doors can be pulled open.

The exterior actuator will become active, allowing use of the door operator.

Upon alarmed event or power failure the exit devices will release and return to the secure state and the door operator will close the door if it is opened. The exterior actuator will become inactive

The interior actuator is always active

Free egress at all times.

Set: 9.0

Doors: 167G

2 Electric Continuous Hinge	A160HD 083 EA12-EZDK	C	AH
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DOOR HARDWARE

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1 Mullion	KR822	689	PR
1 Electric Rim Exit, Nightlatch	MLR C 2403 2903A	630	PR
1 Electric Rim Exit, Dummy	MLR C 2402 2902A	630	PR
1 Cylinder and core	1E type as required	626	BE
1 Closer, Parallel Arm	4040XP EDA	689	LC
1 Drop Plate	4040XP-18	.689	LC
1 Spacer	4040XP-61	.689	LC
1 Door Operator and Actuators	Reuse Existing		OT
2 Wall Stop	570	US32D	BU
1 Perimeter Gasket	By Frame Manufacturer		OT
1 Mullion Gasket	5100N- 86"		NG
2 Sweep	C627A		NG
1 Threshold	8424 1/4-20 SSMS/EA SIA		NG
2 Wire Harness	EZDK-12		AH
2 Wire Harness	EZDK-362-1		AH
2 Door Position Switch	DPS-M-GY		SU
1 Request to Exit Switch	SREX-100		AK
1 Power Supply	AQL6-B100M8NL4E1		SU

Notes: Theory of operation:

Doors are to be programmed to be unlocked or locks as required by the access control system.

When locked:

Entry allowed through the access control system or mechanical key override.

Upon valid credentials the exit device shall unlock for 5 seconds and the exterior actuator will become active. After 5 seconds the exit device returns to the locked state and the exterior actuator becomes inactive.

Remote access is allowed through access control system

Free egress at all times

Upon power failure the door shall remain secure, fail secure.

When programmed to be unlocked:

Both exit devices will be electronically held in the dogged position and doors can be pulled open.

The exterior actuator will become active, allowing use of the door operator.

Upon alarmed event or power failure the exit devices will release and return to the secure state and the door operator will close the door if it is opened. The exterior actuator will become inactive

The interior actuator is always active

Free egress at all times.

Set: 10.0

Doors: 132H

2 Continuous Hinge	A160HD 083	C	AH
2 Push Bar & Pull	422 x 39-1C Type 1HD	US32D	BU

1 Overhead Stop	1023SA	US32D	AH
1 Closer, Parallel Arm	4040XP EDA	689	LC
1 Drop Plate	4040XP-18	.689	LC
1 Spacer	4040XP-61	.689	LC
1 Door Operator and Actuators	Reuse Existing		OT
1 Wall Stop	570	US32D	BU
1 Perimeter Gasket	By Frame Manufacturer		OT

Notes: both actuators are active at all times.

Set: 11.0

Doors: 167H

2 Continuous Hinge	A160HD 083	C	AH
2 Push Bar & Pull	422 x 39-1C Type 1HD	US32D	BU
1 Closer, Parallel Arm	4040XP EDA	689	LC
1 Drop Plate	4040XP-18	.689	LC
1 Spacer	4040XP-61	.689	LC
1 Door Operator and Actuators	Reuse Existing		OT
2 Wall Stop	570	US32D	BU
1 Perimeter Gasket	By Frame Manufacturer		OT

Notes: both actuators are active at all times.

Set: 12.0

Doors: 101

2 Continuous Hinge	A160HD 083	C	AH
1 Mullion	KR822	689	PR
1 Rim Exit, Nightlatch	2403 2903A	630	PR
1 Rim Exit, Dummy	2402 2902A	630	PR
2 Cylinder and core	1E type as required	626	BE
2 Overhead Stop	1023SA	US32D	AH
2 Closer, Parallel Arm	4040XP EDA	689	LC
2 Drop Plate	4040XP-18	.689	LC
2 Spacer	4040XP-61	.689	LC
1 Perimeter Gasket	By Frame Manufacturer		OT
1 Mullion Gasket	5100N- 86"		NG
2 Sweep	C627A		NG
1 Threshold	8424 1/4-20 SSMS/EA SIA		NG
2 Door Position Switch	DPS-M-GY		SU
1 Request to Exit Switch	SREX-100		AK

END OF SECTION 087100

SECTION 230509 - ROOF CURBS AND EQUIPMENT SUPPORTS

PART 1 - GENERAL

1.1 DESCRIPTION

- A. Provide labor, materials, equipment and services as required for the complete installation of roof curbs, as shown in the Contract Documents. This section applies to equipment used to support mechanical system components and is inclusive of curbs, equipment supports, support stands and penetration housings.

1.2 RELATED DOCUMENTS

- A. All work under this section is subject to the Contract Documents. This Contractor shall be responsible for and governed by all requirements therein.
- B. This contractor shall coordinate all final rail selections, including anchoring details to both equipment and building roof deck, with the requirements of specification Section 230550 (Wind Restraint for HVAC Systems). Final determinations as provided by the Engineer of Record for the seismic and/or wind restraint calculations shall override any similar information provided within these specifications and the project drawings.

1.3 SUBMITTALS

- A. Typical detail and schedule for equipment used to support mechanical system components shall include cross-sectional view illustrating clearly the type of curb being submitted, i.e. double wall insulated, with or without cant.

PART 2 – PRODUCTS

2.1 ROOF CURBS

- A. Curb constructed of galvanized steel, with continuous welded corner seams and painted at all welds. 20 gauge up to 36", 18 gauge 38 to 72", 16 gauge over 72" in any dimension. Double wall with liner and 1-1/2" minimum thickness 3# density fiberglass insulation. All fans to have minimum 18" high curbs. Curb heights to be adjusted based on field verification of roofing system such that exhaust / relief outlets are no less than 18" above the membrane surface, and intakes no less than 24". Provide curb with gasket on top to make airtight seal between curb and ventilator, fan, or air handling unit. Curb provided with raised cant, flanged or recessed to coordinate with roofing type. Curb flange shall suit roof construction, wind restraint requirements and type of insulation being applied.
- B. Design Equipment: RPS Model RC Series.
- C. Acceptable Make: Pate, Shipman & Son, RPS.

2.2 ROOF CURB ADAPTER

- A. Adapter constructed of 16-gauge galvanized steel, with continuous welded corner seams and painted at all welds. Double wall with liner and 1-1/2" minimum thickness 3# density fiberglass insulation. Minimum 1-1/2" wide wood nailer. Minimum height 8". Provide neoprene gasket.
- B. Design Make: RPS Style CA-1 and CA-2.
- C. Acceptable Make: Pate, Shipman & Son.

PART 3 - EXECUTION

3.1 GENERAL

- A. Height as recommended by equipment manufacturer, not less than described in Part 2.0. This Contractor shall be responsible for exact size, length, and location and shall set and secure each curb to roof. Shim and level curb as required. Provide curb and supports for all roof-mounted equipment. All roof penetrations shall be made through an appropriate curb. All roof-mounted equipment including fans, air handling units, etc., shall be set on an equipment support unless otherwise noted. Refer to Contract Drawings for details on plenums extending from curbs.

END OF SECTION 230509

A. PERFORM ALL WORK IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL RULES, REGULATIONS, GUIDELINES, AND THE CONTRACT DOCUMENTS.

B. IF ANY PREVIOUSLY-IDENTIFIED OR OTHERWISE UNANTICIPATED SUSPECT MATERIAL (I.E. SUSPECT ASBESTOS-CONTAINING MATERIAL, SUSPECT PCB-CONTAINING MATERIAL, MOLD GROWTH, ETC.) IS IDENTIFIED DURING CONSTRUCTION, STOP WORK AND NOTIFY THE OWNER OR THEIR REPRESENTATIVE FOR FURTHER DIRECTION. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR COLLECT AND/OR ANALYZE BULK SAMPLES OF SUSPECT MATERIAL WITHOUT THE APPROVAL OF THE OWNER OR THEIR REPRESENTATIVE.

C. THE DISTURBANCE OF ANY ASBESTOS-CONTAINING MATERIAL (ACM), OR SUSPECT ACM, SHALL BE PERFORMED BY A LICENSED ASBESTOS ABATEMENT CONTRACTOR.

D. ALL MATERIAL, MEASUREMENTS AND/OR QUANTITIES AND LOCATIONS ARE APPROXIMATE AND FOR GENERAL ORIENTATION ONLY.

E. THE LOCATION OF SITE STORAGE OF MATERIAL, EQUIPMENT, WASTE TRAILER/DUMPSITE(S), AS WELL AS CONTRACTOR PARKING, ETC. SHALL BE COORDINATED WITH AND APPROVED BY THE OWNER/OWNER'S REPRESENTATIVE.

F. CONTRACTOR IS RESPONSIBLE FOR ALL TOOLS, EQUIPMENT, AND SUPPLIES. CONTRACTOR IS ALSO RESPONSIBLE FOR PROVIDING LADDERS, SCAFFOLDING, LIFTS, PLANKING, ETC. AS REQUIRED TO PERFORM WORK. THE OWNER OR THEIR REPRESENTATIVE WILL NOT BE RESPONSIBLE FOR LOST, DAMAGED, OR STOLEN ITEMS.

G. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING THE WORK AREA IN A CLEAN AND SAFE CONDITION, PROVIDING TEMPORARY PROTECTION, PROTECTING BUILDING MATERIALS SCHEDULED TO REMAIN, AND TO PREVENT UNAUTHORIZED ACCESS DURING THE DURATION OF THE PROJECT. REPAIR OF DAMAGE CAUSED AS A RESULT OF THE CONTRACTOR'S ACTIVITIES DURING THE PROJECT OR CONTRACTOR ACTIVITIES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. REFER TO ARCHITECTURAL DOCUMENTS FOR MORE DETAIL REGARDING ISOLATION BARRIERS FOR WINDOW/DOOR REMOVAL.

H. WHERE FEASIBLE, NON-POROUS CLEANABLE MATERIALS REMOVED DURING ABATEMENT ACTIVITIES SHALL BE PROPERLY CLEANED AND RECYCLED OR DISPOSED OF AS C&D DEBRIS, AS APPROPRIATE. PROJECT MONITOR SHALL BE NOTIFIED IF SUCH MATERIAL IS IDENTIFIED TO ENSURE PROPER CLEANING/CONTAMINATION HAS OCCURRED PRIOR TO BEING REMOVED FROM THE REGULATED ABATEMENT WORK AREA.

DRY MEMORIAL LIBRARY

- GLAZED BLOCK WALLS
- STRUCTURAL STEEL
- WINDOW LINTELS

3. WATTS HAS PERFORMED A PRE-RENOVATION ENVIRONMENTAL SURVEY FOR ASBESTOS. A COPY OF THE REPORT IS INCLUDED IN THE CONTRACT DOCUMENTS.

P-1 PROPERLY REMOVE AND DISPOSE OF WINDOW SASHES. THE ASSOCIATED WINDOW GLAZING COMPOUND IS PCB-CONTAINING. THE GLAZING COMPOUND IS ALSO ASBESTOS-CONTAINING. REFER TO NOTE AA-2 FOR ADDITIONAL INFORMATION. DISPOSE OF WINDOW SASH AS PCB BULK PRODUCT WASTE.

CERTIFICATION # 0018827
REGISTRATION EXPIRATION: 11/30/2025

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- 1 STOREFRONT/GLAZING SYSTEM TO BE REMOVED IN ITS ENTIRETY UNDER HAZARDOUS MATERIALS ABATEMENT. REFER TO HAZARDOUS MATERIALS SHEETS FOR DETAILS. PROVIDE TEMPORARY ENCLOSURE PER DETAIL 2 / AD-11D.
- 2 REMOVE EXISTING DOOR, FRAME AND ASSOCIATED HARDWARE IN ITS ENTIRETY. PROVIDE OPERABLE TEMPORARY ENCLOSURE TO MAINTAIN FREE EGRESS THROUGHOUT REMOVALS/ CONSTRUCTION
- 3 REMOVE MARBLE/SLATE STOOL IN ITS ENTIRETY
- 4 REMOVE INTERIOR STORM WINDOW AND ASSOCIATED HARDWARE IN ITS ENTIRETY
- 5 REMOVE EXISTING METAL HANDRAILS AND ASSOCIATED HARDWARE IN THEIR ENTIRETY
- 6 REMOVE (3) EXISTING STONE TREADS. EXISTING CONCRETE FOUNDATION TO REMAIN
- 7 REMOVE EXISTING DAMAGED INTERMEDIATE LANDING STONE. EXISTING CONCRETE FOUNDATION TO REMAIN
- 8 STOREFRONT/GLAZING SYSTEM TO BE REMOVED BY GENERAL CONTRACTOR. PROVIDE TEMPORARY ENCLOSURE PER DETAIL 2 / AD-11D. MAINTAIN FREE EGRESS THROUGHOUT REMOVALS/ CONSTRUCTION.
- 9 REMOVE METAL GATE AND ASSOCIATED HARDWARE IN ITS ENTIRETY
- 10 REMOVE DOOR OPERATOR, ACTUATORS, ASSOCIATED COMPONENTS AND ACCESSORIES AND STORE FOR REINSTALLATION
- 11 REMOVE WALL MOUNTED METAL SCULPTURE AND MOUNTING HARDWARE IN ITS ENTIRETY

- A. COORDINATE REMOVALS WITH ALL TRADES, REFER TO ELECTRICAL DRAWINGS FOR ANY EXISTING CONDUIT/ DEVICES MONUMENT TO CURTAIN WALL STOREFRONT.
- B. CONTRACTOR SHALL MAINTAIN STRUCTURAL STABILITY AT ALL TIMES TO PROTECT LIFE SAFETY & THE STRUCTURAL INTEGRITY OF THE PREMISES AS WELL AS STRUCTURES ON ADJACENT PROPERTIES.
- C. COORDINATE REMOVALS WORK WITH OWNER, PARTICULARLY IF REMOVALS WILL AFFECT SYSTEMS OR OPERATIONS OF SERVICES RESULTING IN LOSS OF SUCH TO ADJACENT OCCUPIED AREAS.
- D. COORDINATE REMOVAL WORK WITH ABATEMENT WORK & WITH CONSTRUCTION WORK INDICATED, INCLUDING MECHANICAL, ELECTRICAL, & STRUCTURAL.
- E. CONTRACTOR SHALL PROVIDE SHORING TO PROTECT EXISTING CONSTRUCTION TO REMAIN AND ANY WORK IN PLACE. MAINTAIN STRUCTURAL STABILITY AT ALL TIMES. CONTRACTOR SHALL PROVIDE SHORING FOR PROTECT AND MAINTENANCE OF TEMPORARY SHORING. IF REQUIRED, DESIGN SHALL BE BY A PROFESSIONAL ENGINEER OR ARCHITECT LICENSED BY THE STATE OF NEW YORK.
- F. IF DANGEROUS CONDITIONS OR SEVERELY DEGRADED SUBSTRATES ARE DISCOVERED DURING THE WORK STOP WORK IN THIS AREA AND NOTIFY THE ARCHITECT OR ENGINEER IN WRITING IMMEDIATELY FOR EVALUATION & CLARIFICATION.
- G. CONTRACTOR IS REQUIRED TO PROVIDE TEMPORARY ENCLOSURES & WEATHERIZATION TO PROTECT CONSTRUCTION WITHIN THE CONFINES OF THE CONTRACT AREA & IN ADJACENT AREAS, AS WELL AS BUILDING OCCUPANTS IN ADJACENT AREAS.
- H. CONTRACTOR SHALL RESTORE ALL ADJACENT FINISHES TO REMAIN TO EXISTING CONDITIONS OR BETTER.
- I. REMOVE RUST AND SCALE FROM EXISTING EXPOSED METAL LINTELS AT EXTERIOR WALLS AND IMMEDIATE ADJACENT ABUTTING WALLS ASSOCIATED WITH THE STOREFRONT REPLACEMENT. PREPARE FOR PAINT. COLOR TO BE SELECTED BY ARCHITECT FROM MANUFACTURERS FULL RANGE.



6205 Main Street
Williamsville, NY 14221



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drawing history:

[illegible]

sheet title:

FIRST FLOOR
REMOVALS PLAN -
AREA "B"

project number: 2022039

drawn by: L

checked by: DJ

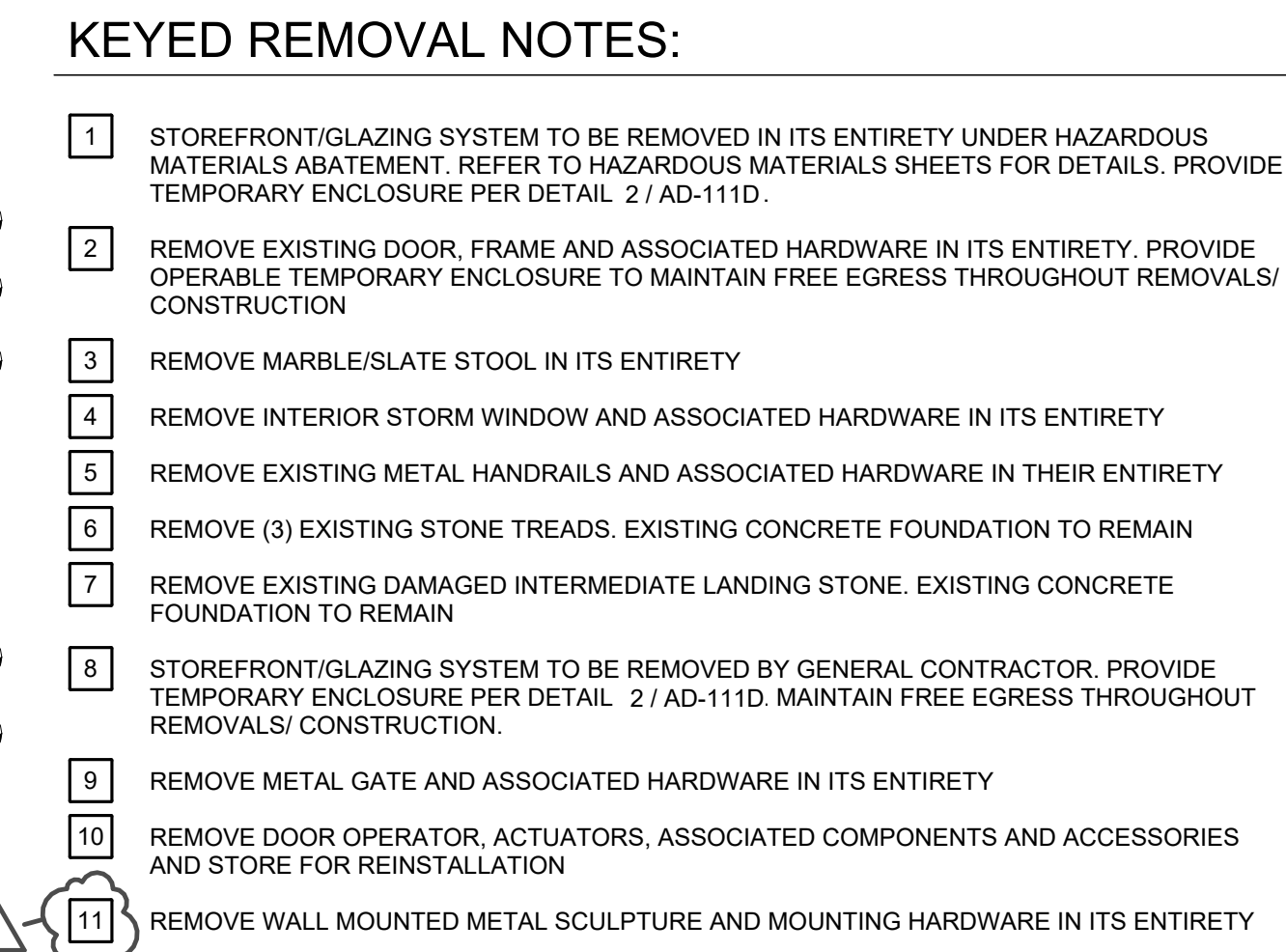
date: 09/29/202

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Score: _____ / 10 indicate

sheet number:

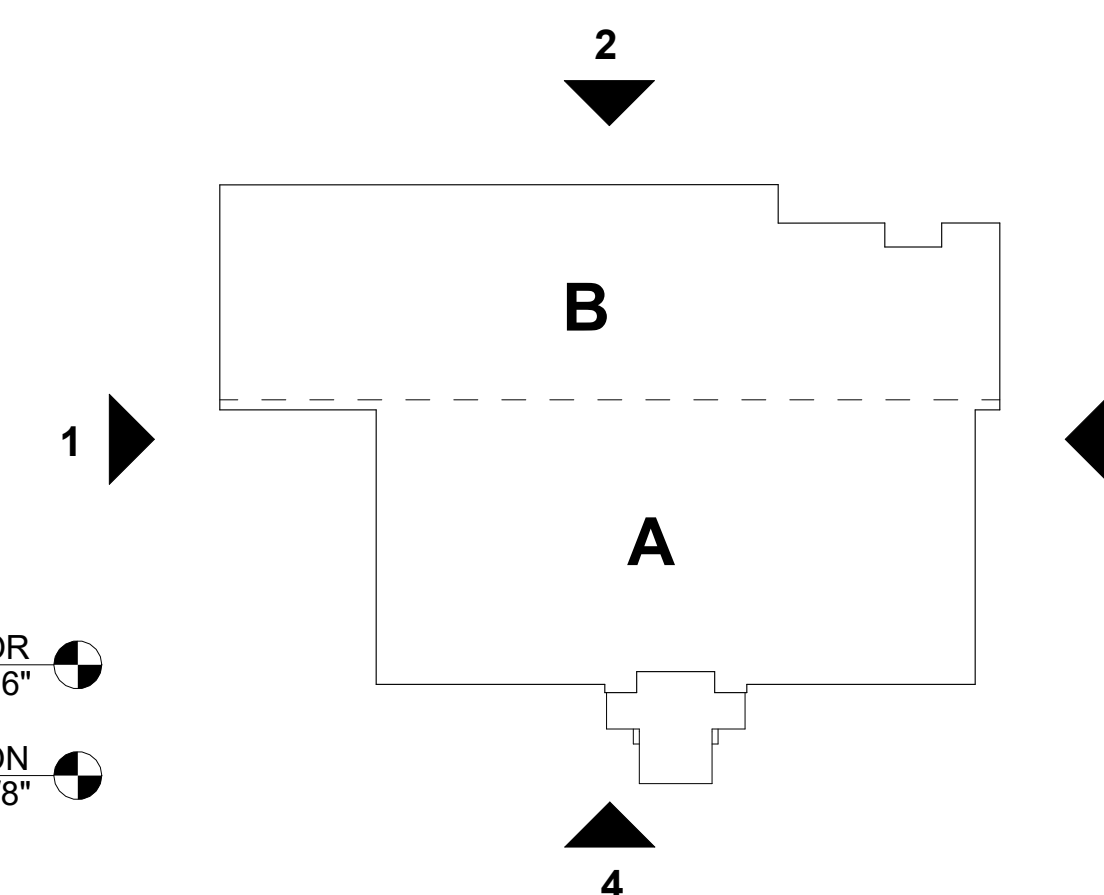
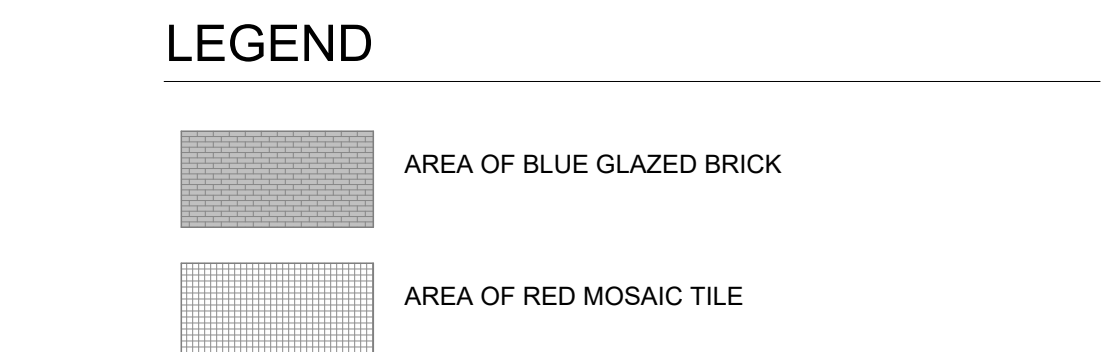
AD-112D



Architectural drawing showing a building elevation and a key plan.

Building Elevation:

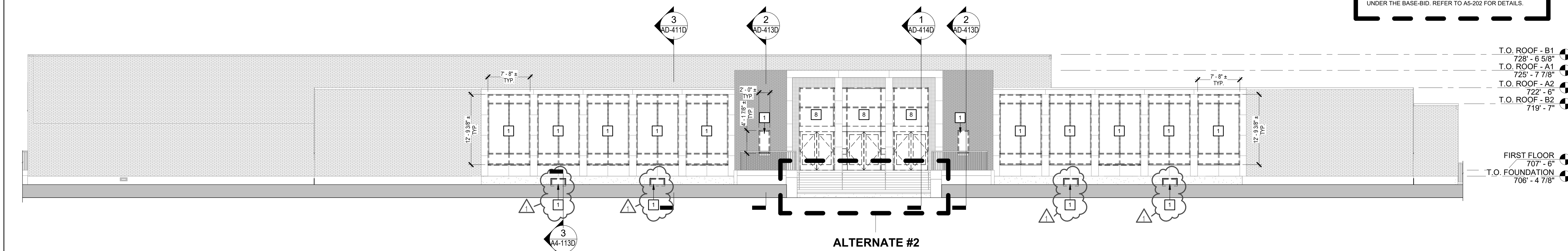
- Roof Levels:**
 - T.O. ROOF - B1: 728' - 6 5/8"
 - T.O. ROOF - B2: 719' - 7"
 - FIRST FLOOR: 707' - 6"
 - T.O. FOUNDATION: 706' - 4 7/8"
- Dimensions:**
 - 7'-8" ± TYP (Window width)
 - 10'-8" ± TYP (Window height)
 - 12'-3" ± (Door width)
 - 5'-11 1/2" ± (Door height)
 - 2'-10" ± TYP 1 (Door width)
 - 3'-6" ± TYP (Door height)
- Labels:**
 - 1 AD-412D (Window type)
 - 2 AD-412D (Window type)
 - 3 AD-412D (Window type)
 - 1 AD-414D (Door type)
 - 4 AD-414D (Door type)
 - 5 (Door type)
- Key Plan:**
 - Shows building footprint with labels A and B.
 - Includes a north arrow pointing up.
 - Numbered 1, 2, 3, 4 indicating specific locations or features.



KEY PLAN

ALTERNATE #2

REMOVE EXISTING MAIN ENTRY CONCRETE STAIRS AND LANDING TO EXTENTS SHOWN. REMOVE EXISTING HANDRAILS IN THEIR ENTIRETY. PROVIDE STONE STAIRS, LANDING AND ASSOCIATED FOUNDATIONS AS INDICATED IN THE DETAILS FOR A COMPLETE INSTALLATION. PROVIDE NEW HANDRAILS AS INDICATED. EXISTING CHEEK WALLS TO REMAIN; PERFORM WORK AT CHEEK WALLS AS INDICATED UNDER THE BASE-BID. REFER TO A5-202 FOR DETAILS.



4 WEST REMOVALS ELEVATION

AD-301D

- ① ALUMINUM STOREFRONT SYSTEM - REFER TO "A8-300" SERIES DRAWINGS FOR DETAILS
- ② SOLID SURFACE WINDOW STUOL
- ③ METAL RAILING - REFER TO 4 / A5-201D FOR DETAILS
- ④ PREP & PAINT EXISTING STEEL ANGLE AT LOADING DOCK EDGE. COLOR TO BE SELECTED BY ARCHITECT
- ⑤ REPLACE EXISTING STEEL STAIR NOSING TO MATCH EXISTING ADJACENT
- ⑥ REPAIR CRACKING/SPALLING AT BOTTOM CONCRETE TREAD
- ⑦ STONE TREAD/ LANDING TO MATCH EXISTING
- ⑧ PROVIDE ROOM IDENTIFICATION - TYP. ONE PER EACH ROOM OF ENTIRE BUILDING. COORDINATE ROOM NUMBERS WITH CAMPUS
- ⑨ DOOR NUMBER IDENTIFICATION - TYP. ONE PER EACH DOOR OF ENTIRE BUILDING. COORDINATE DOOR NUMBERS WITH CAMPUS
- ⑩ AREA OF MASONRY REPOINTING. REFER TO SPEC SECTION 04 01 20.64 FOR MORE INFORMATION
- ⑪ RESET AND REPOINT LOOSE BRICKS. REFER TO SPEC SECTION 04 012.0.63 FOR MORE INFORMATION
- ⑫ BACKPAINT AT STONE PANEL
- ⑬ REPLACE BROKEN OR MISSING TILES IN KIND.
- ⑭ VERTICAL SUNSHADE REFER TO SECTIONS 3 / A4-111D 4 / A4-111D & DETAIL 2 / A4-111D. REFER TO SPEC SECTION 084113 FOR MORE INFORMATION.
- ⑮ PREP, PRIME & PAINT METAL RAILING. COLOR TO BE SELECTED BY ARCHITECT
- ⑯ PREP, PRIME & PAINT EXPOSED BAR METAL SHELF BELOW BRICK. COLOR TO BE SELECTED BY ARCHITECT
- ⑰ PATCH HOLES IN MASONRY WHERE METAL SCULPTURE WAS PREVIOUSLY REMOVED

1 NORTH ELEVATION
1/8" = 1'-0"

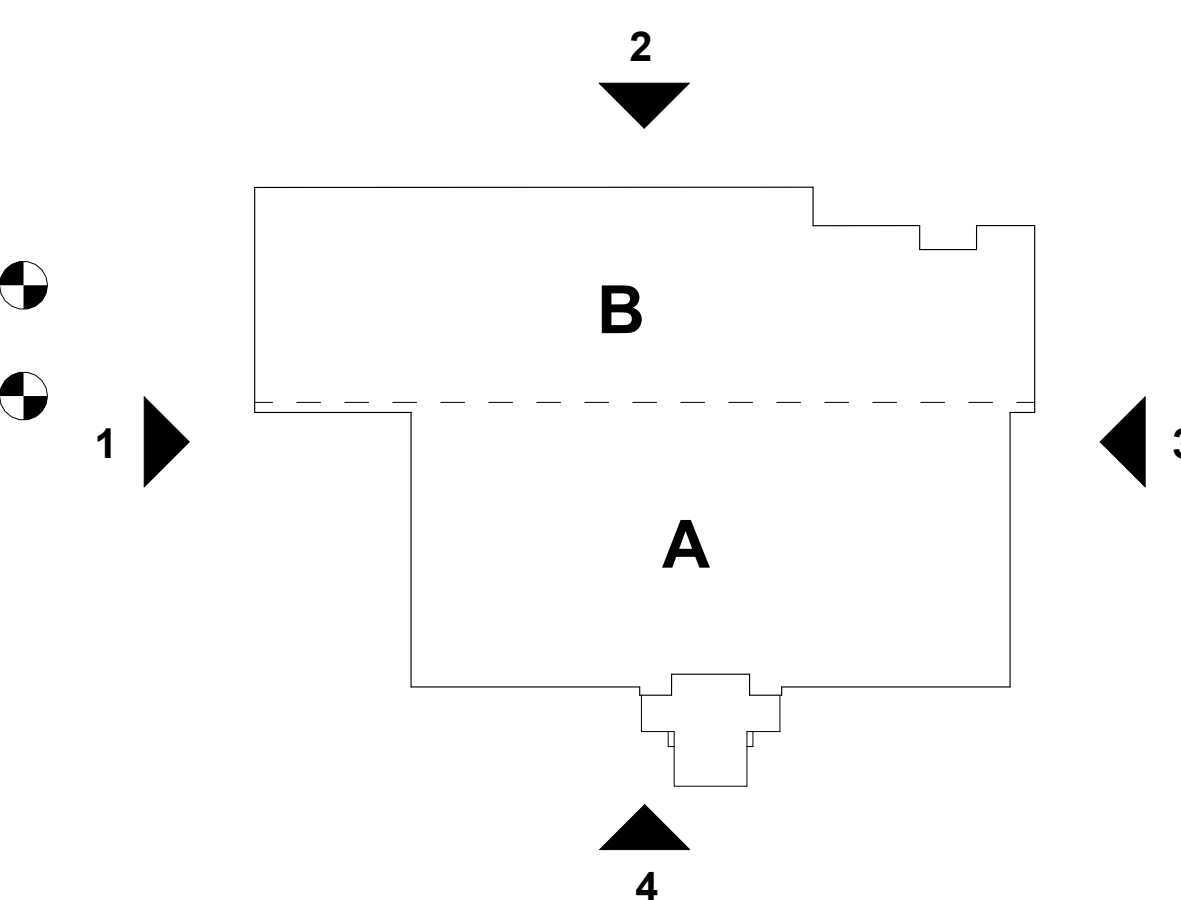
2 EAST ELEVATION
1/8" = 1'-0"

GENERAL CONSTRUCTION NOTES:

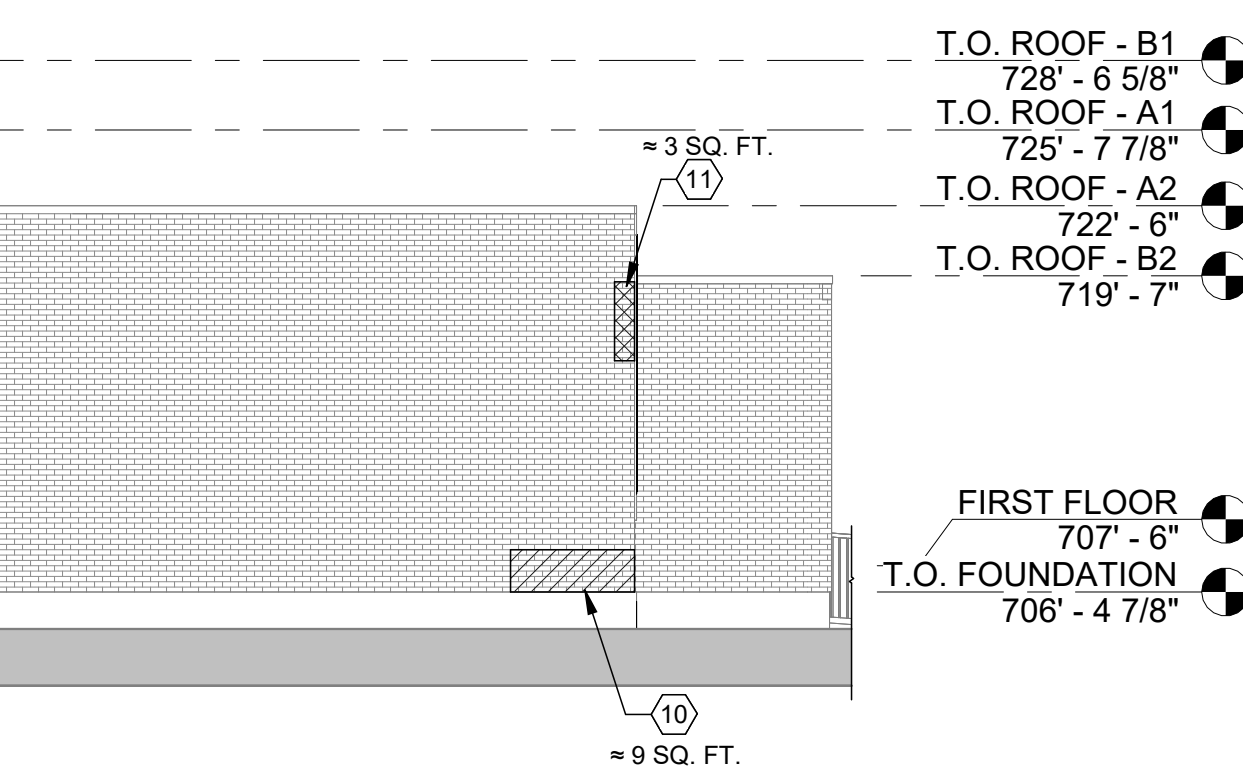
A. PRIOR TO REPOINTING OR RECONSTRUCTION OF THE EXISTING MASONRY, REMOVE ORGANIC MATTER AND CLEAN ENTIRETY OF THE BUILDING FAÇADE. CLEAN FAÇADE AS INDICATED UNDER SPECIFICATION 040110.

LEGEND

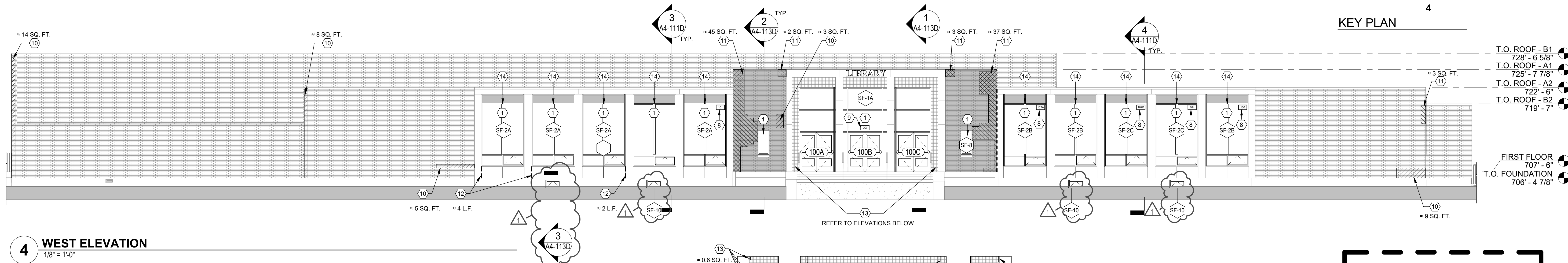
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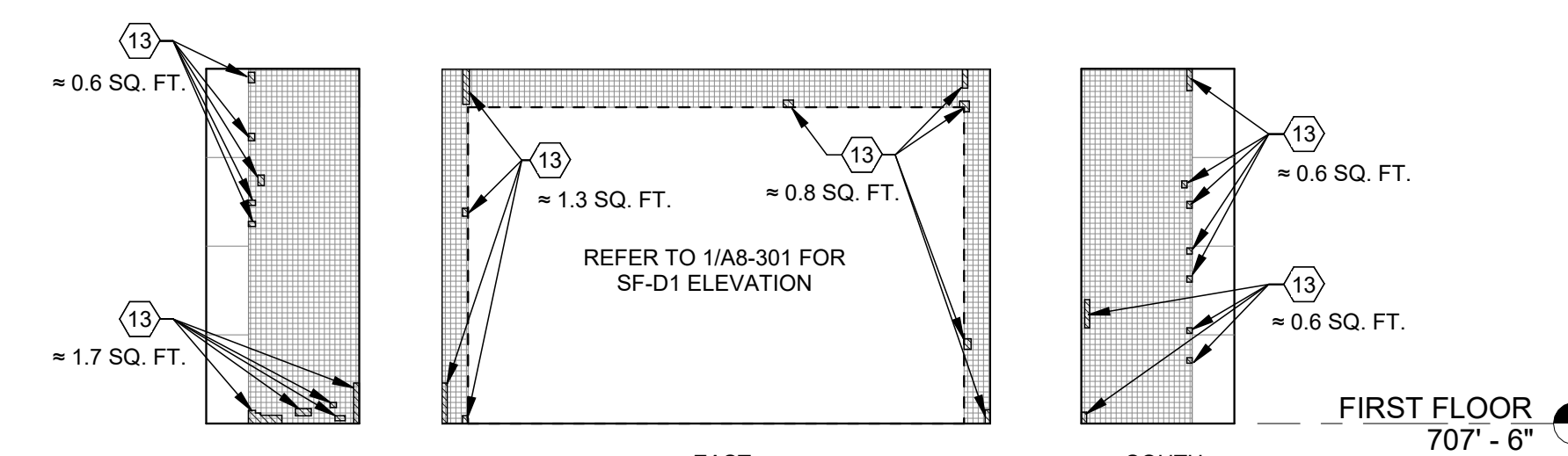
KEY PLAN



3 SOUTH ELEVATION
1/8" = 1'-0"



4 WEST ELEVATION
1/8" = 1'-0"



6 MAIN ENTRANCE ELEVATIONS

ALTERNATE #2

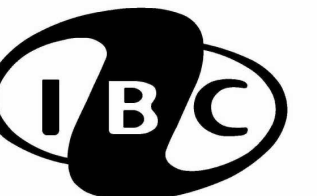
REMOVE EXISTING MAIN ENTRY CONCRETE STAIRS AND LANDING TO EXTENTS SHOWN. REMOVE EXISTING HANDRAILS IN THEIR ENTIRETY. PROVIDE STONE STAIRS, LANDING AND ASSOCIATED FOUNDATIONS AS INDICATED IN THE DETAILS FOR A COMPLETE INSTALLATION. PROVIDE NEW HANDRAILS AS INDICATED. EXISTING CHEEK WALLS TO REMAIN; PERFORM WORK AT CHEEK WALLS AS INDICATED UNDER THE BASE-BID. REFER TO A5-202 FOR DETAILS.

project:
SUNY ECC North
Campus 2022 Dry
Memorial Library
Exterior Rehab.

6205 Main Street
Williamsville, NY 14221



**Erie County
Department of
Public Works**
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drawing history:

[illegible]

sheet title:

EXTERIOR ELEVATIONS

project number: 20220396

drawn by: LK

checked by: DJC

date: 09/29/2025

scale: As indicated

Scale. 7/9 indicated

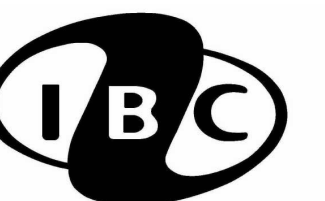
sheet number: **1001**

A3-101D

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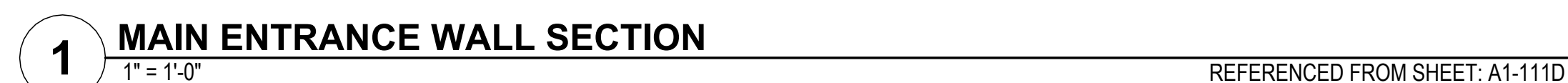


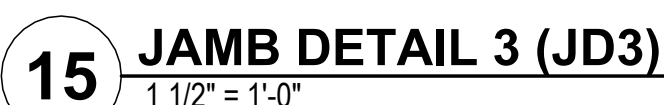
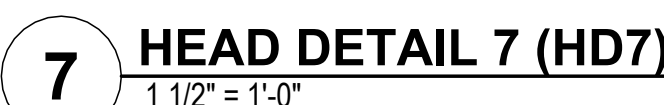
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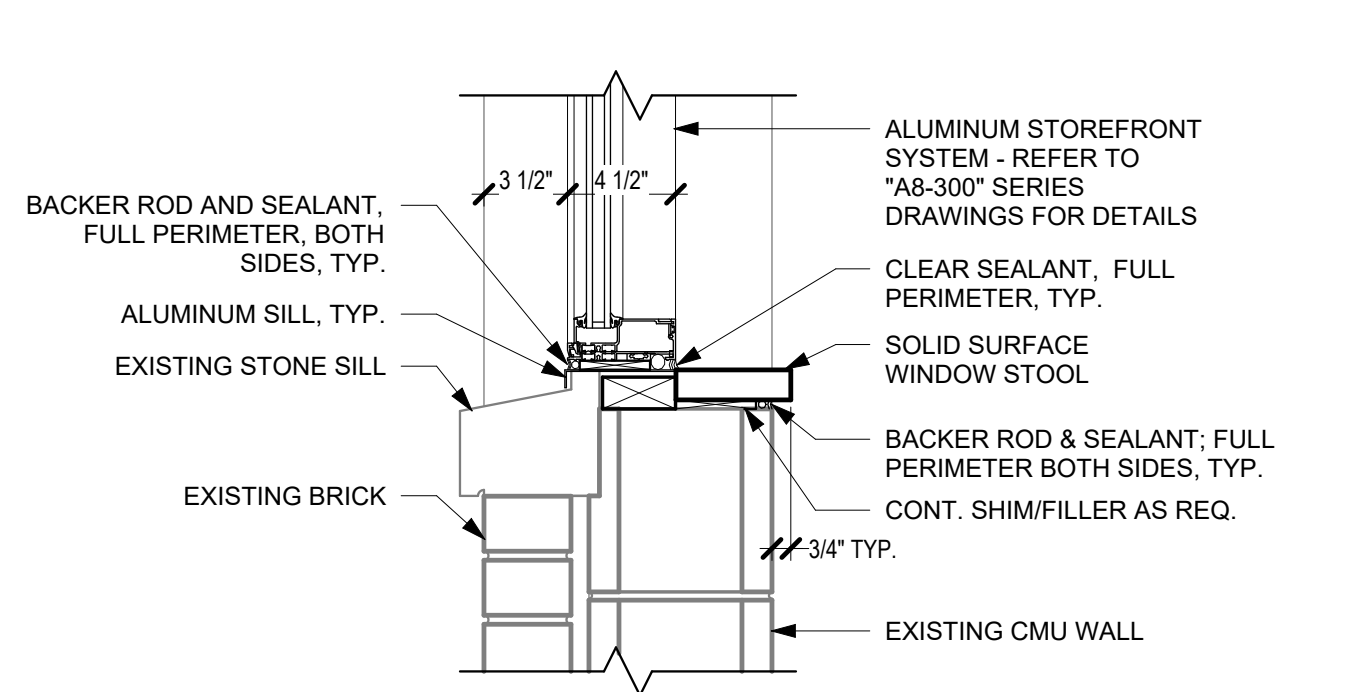
WALL SECTIONS & DETAILS

A4-113D

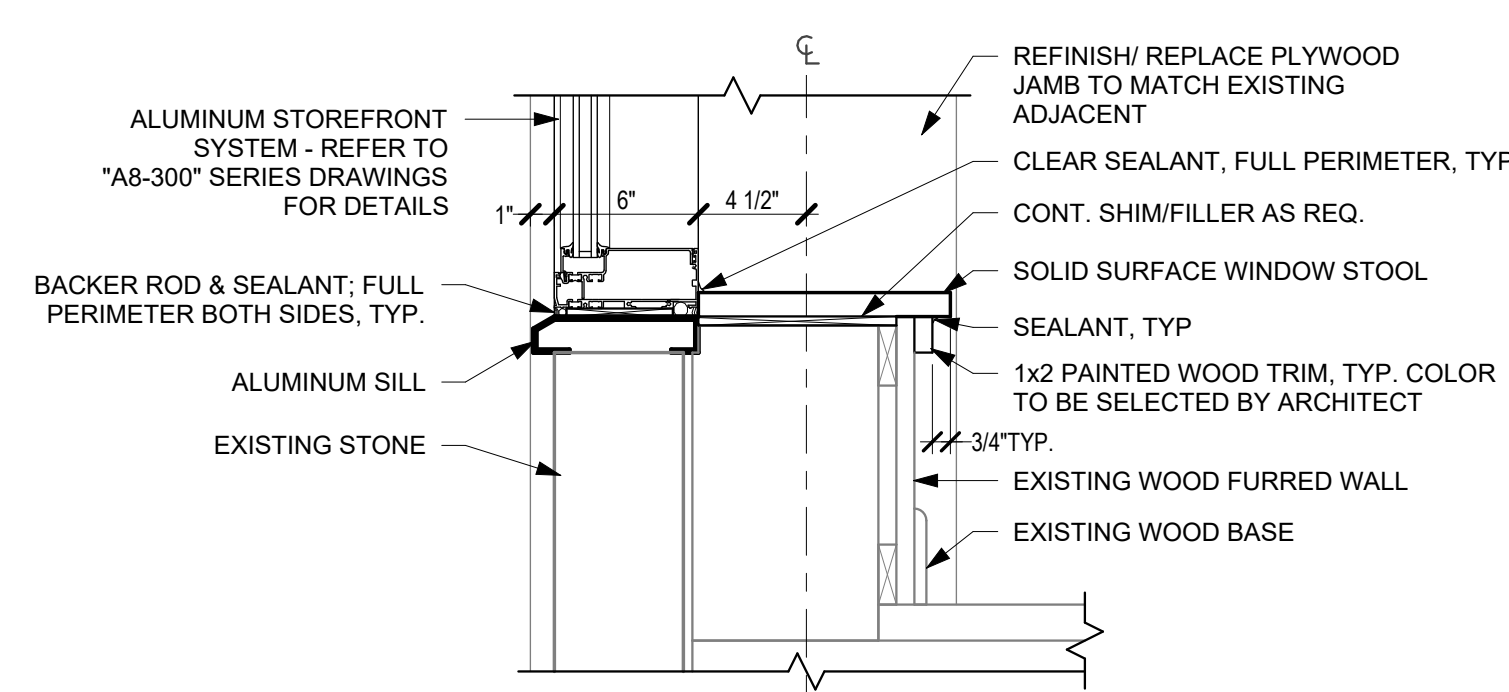




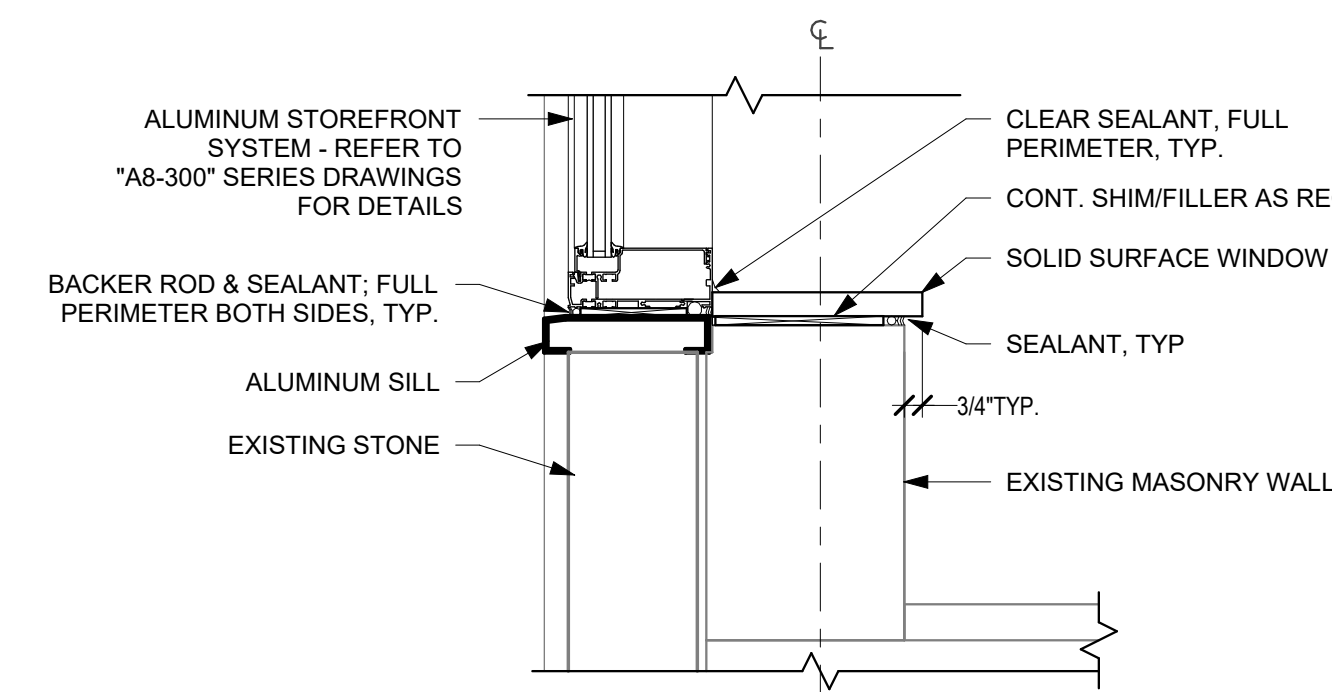
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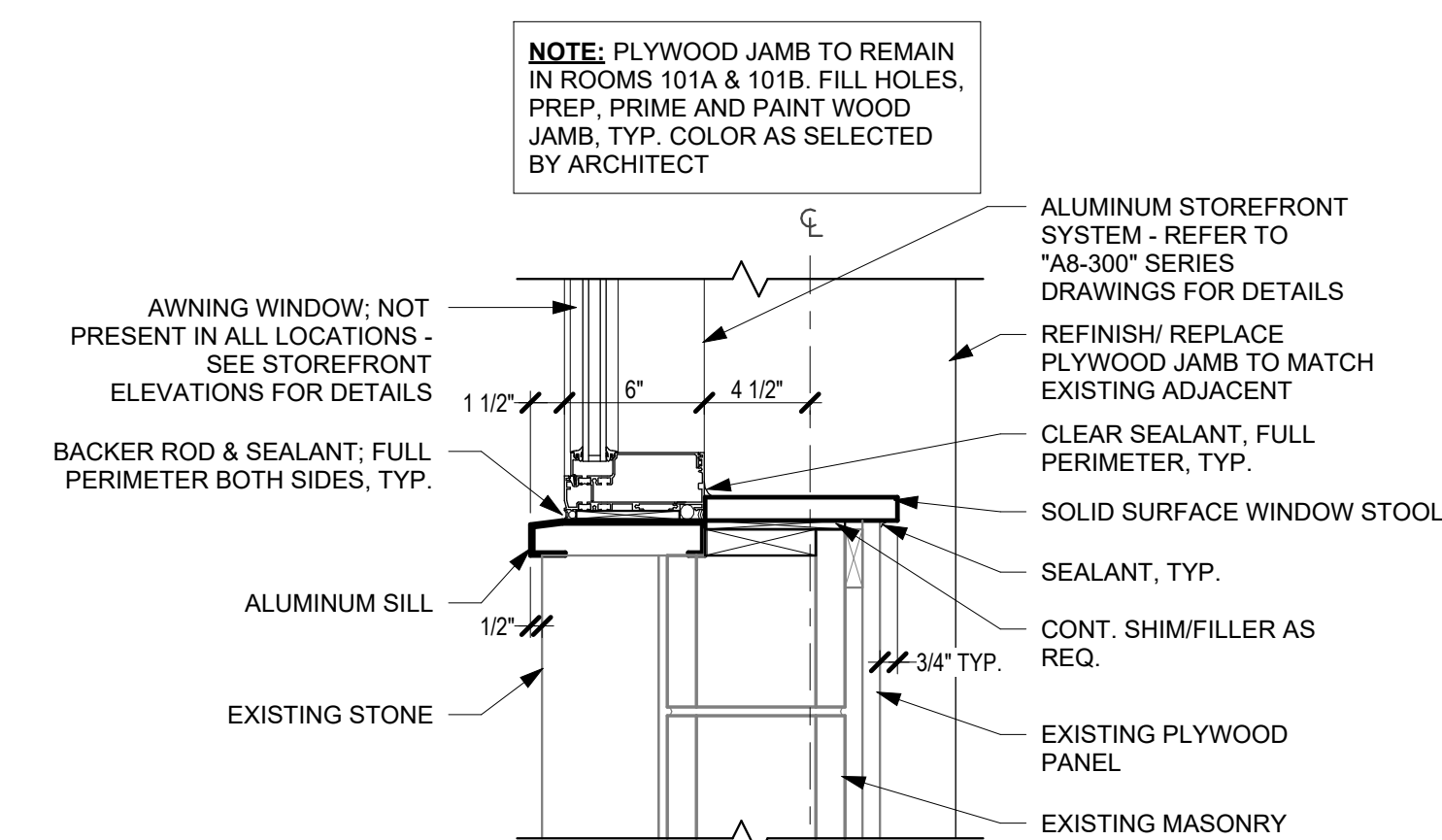
2 SILL DETAIL 1 (SD1)
1 1/2" = 1'-0"



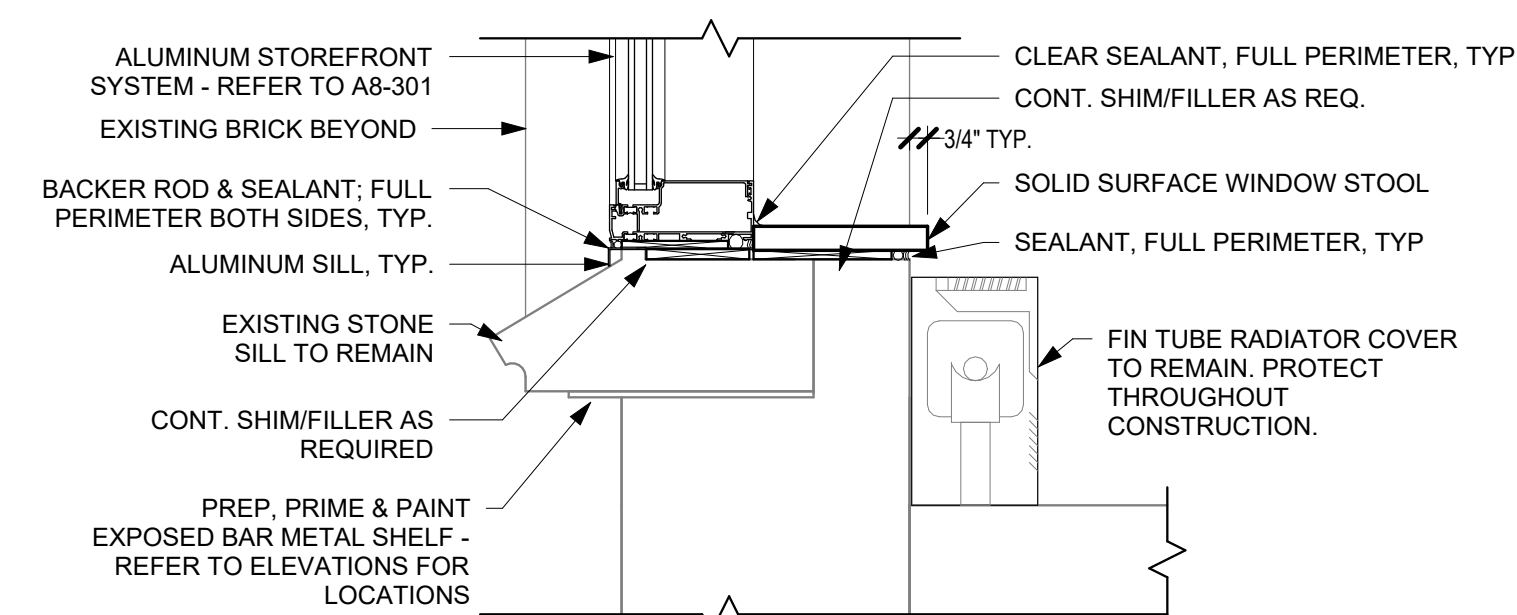
3 SILL DETAIL 2 (SD2)
1 1/2" = 1'-0"



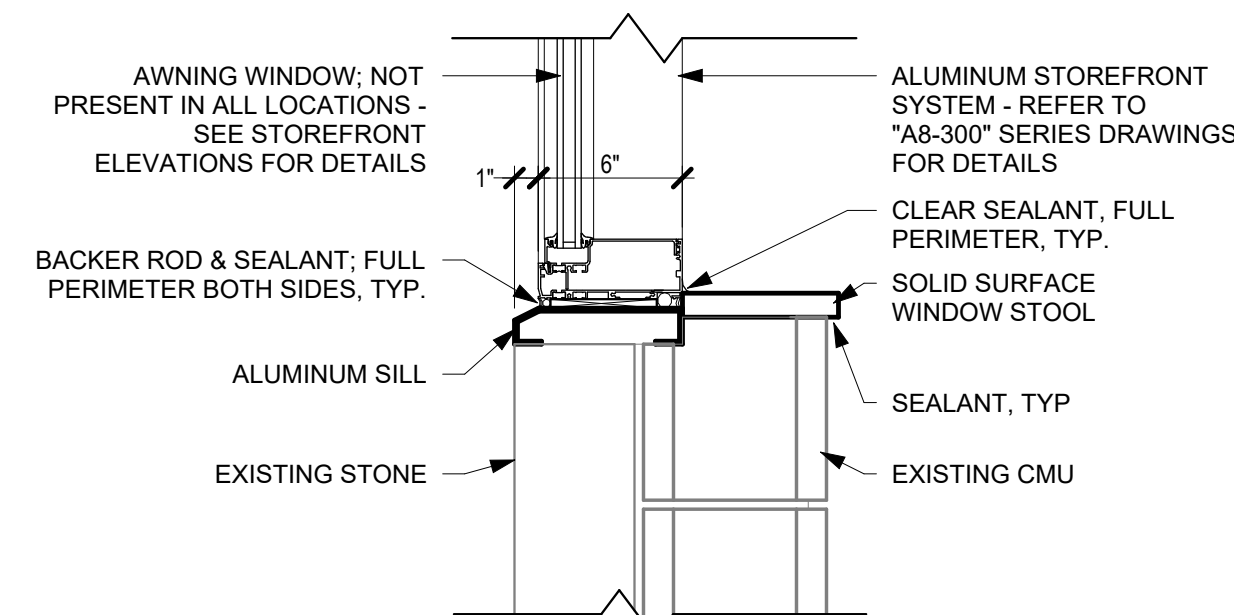
4 SILL DETAIL 3



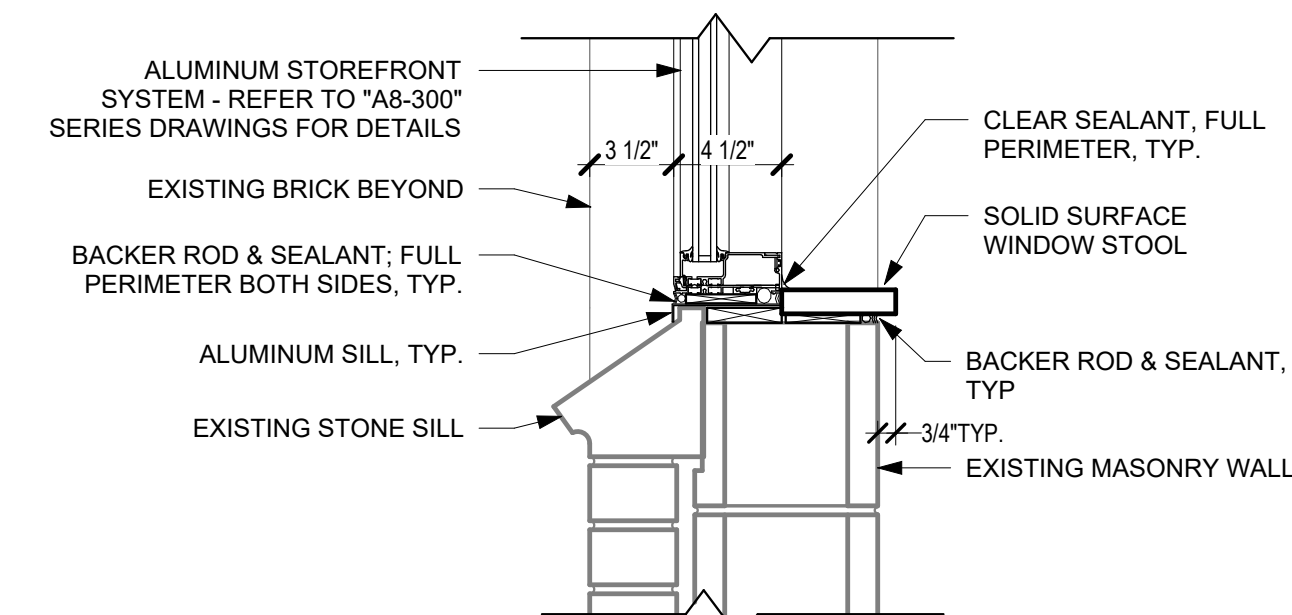
5 SILL DETAIL 4 (SD4)
1 1/2" = 1'-0"



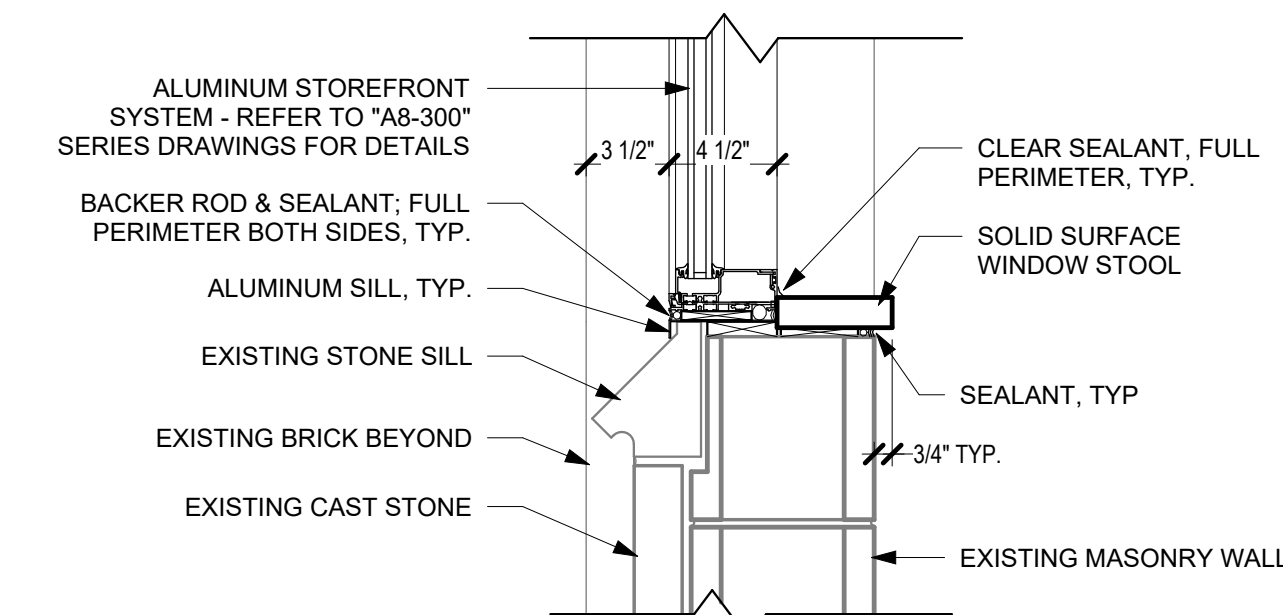
6 SILL DETAIL 5 (SD5)
1 1/2" = 1'-0"



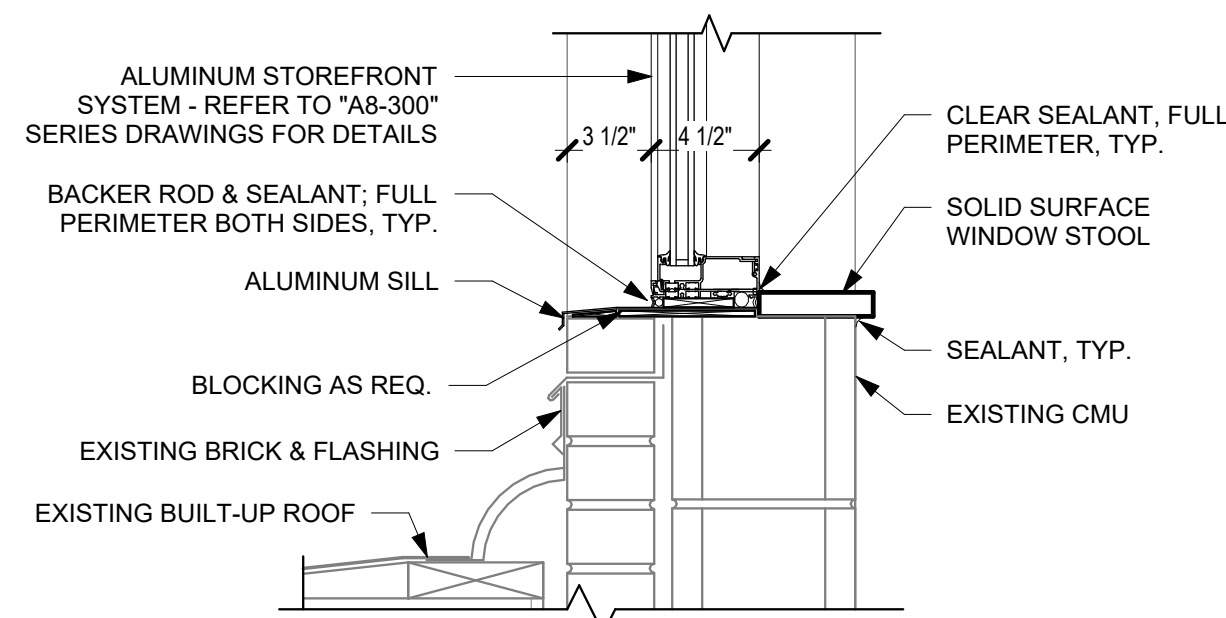
7 SILL DETAIL 6 (SD6)
1 1/2" = 1'-0"



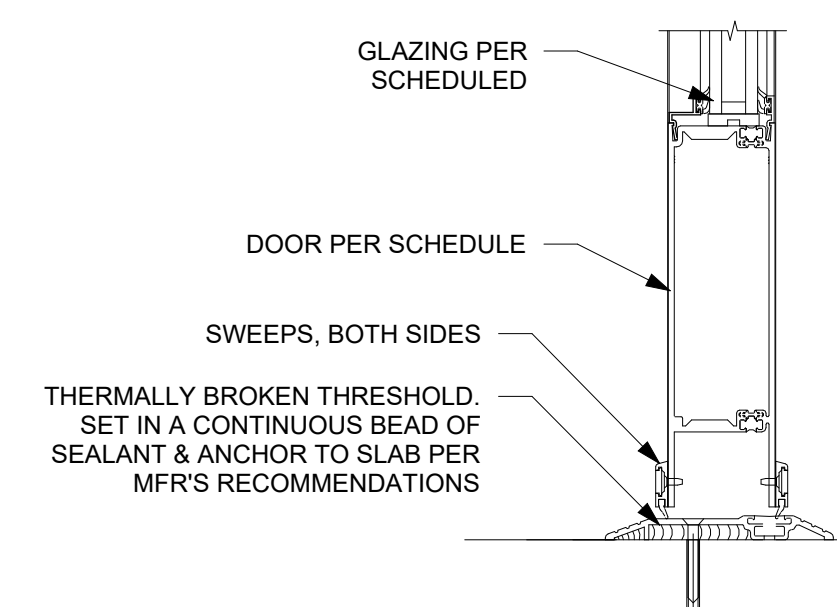
8 SILL DETAIL 7 (SD7)
1 1/2" = 1'-0"



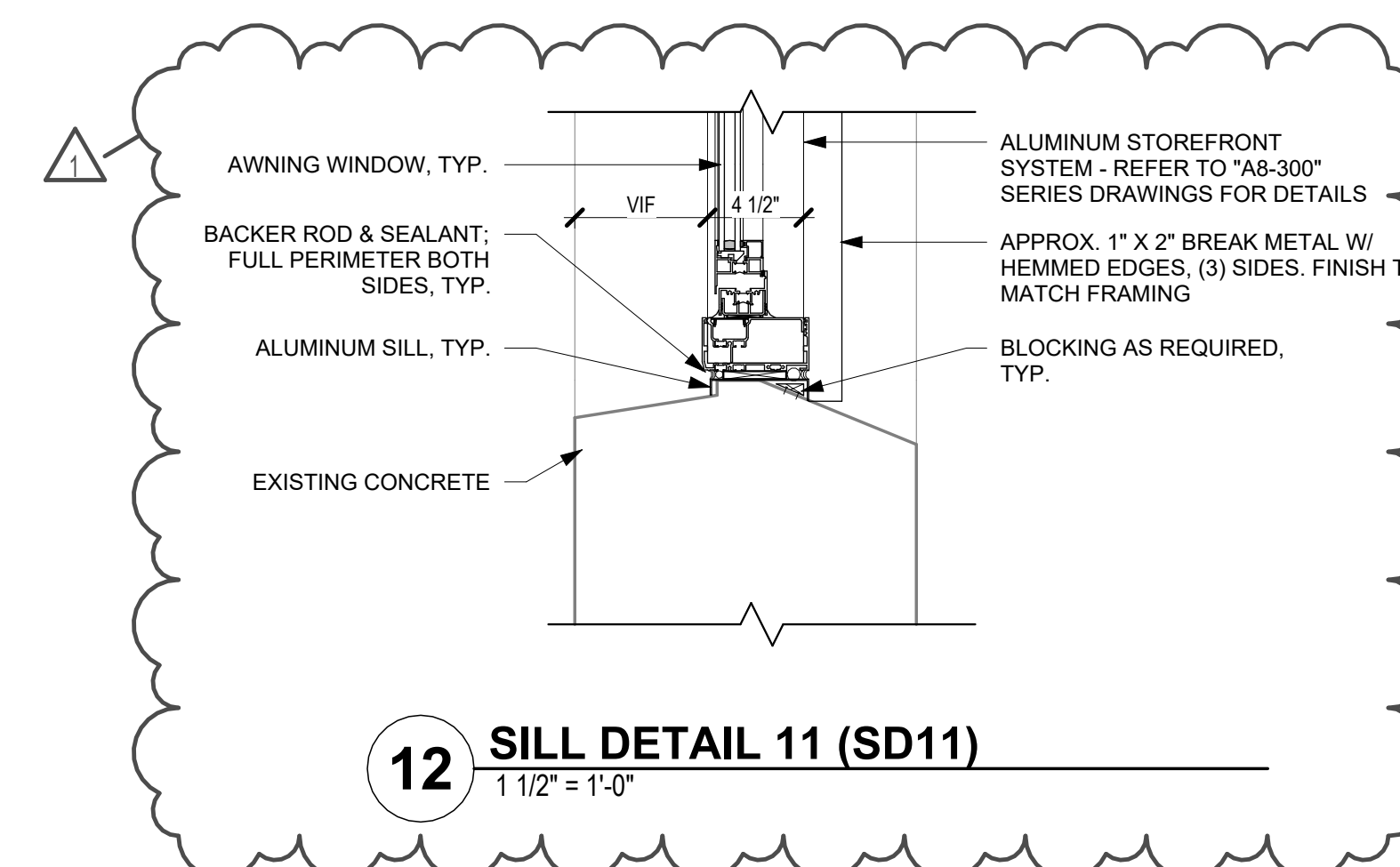
9 SILL DETAIL 8 (SD8)
1 1/2" = 1'-0"



10 SILL DETAIL 9 (SD9)
1 1/2" = 1'-0"



11 SILL DETAIL 10 (SD10)
3" = 1'-0"



12 SILL DETAIL 11 (SD11)
1 1/2" = 1'-0"

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TAG	LOCATION	SERVICE	SUPPLY FLOW								HEATING COIL - STEAM - 2.5 PSIG				COOLING COIL - CHILLED WATER												UNIT ELECTRIC DATA				FILTER	DIMENSIONS (IN.)			WEIGHT (LBS)	DESIGN EQUIPMENT	REMARKS
			AIRFLOW (CFM)		FAN QNT.	FAN DIA (IN)	MOTOR		CAP (MBH)	FLOW (LBS)	EAT (°F)	LAT (°F)	TOTAL (MBH)	SENS. (MBH)	WPD (GPM)	WPD (FT)	ROWS	EWT (°F)	LWT (°F)	EDB (°F)	EWB (°F)	LDB (°F)	LWB (°F)	V	PH	MCA	STARTER	MERV	LENGTH	HEIGHT		DEPTH					
			HP	QNT.			RPM																														
FCU-1	LOBBY 117	LOBBY 117	580	2	5.75	1070	0.06	1	39.0	40.5	1	70.0	116.0	15.1	11.1	4.0	17.8	4	45.0	55.0	75.0	63.0	52.0	51.0	115	1	0.7	PKG ECM	7	63	21.5	10.5	150	AIRTHERM UNITAIRES REFF 06	1, 2		
FCU-2	LOBBY 117	LOBBY 117	580	2	5.75	1070	0.06	1	39.0	40.5	1	70.0	116.0	15.1	11.1	4.0	17.8	4	45.0	55.0	75.0	63.0	52.0	51.0	115	1	0.7	PKG ECM	7	63	21.5	10.5	150	AIRTHERM UNITAIRES REFF 06	1, 2		

1. INSTALL IN EXISTING WALL OPENING. PROVIDE TRIM KIT TO COMPLETELY COVER EXISTING WALL OPENING.

3. PROVIDE WITH OPTIONAL ECM MOTOR AND ECM MOTOR CONTROLLER WITH LOCAL SPEED POTENTIOMETER CAPABLE OF DRY CONTACT ENABLE / DISABLE CONTROL BY BMS

TAG	LOCATION	TYPE	AIRFLOW (CFM)	HEATING FLOW (BTU/H)	FLOW (GPM)	ROWS	MOTOR DATA										DIMENSIONS (IN.)			DESIGN EQUIPMENT	REMARKS
							SAT (°F)	LAT (°F)	HP	QNT	SPEED	V	PH	FLA	DISCONNECT	LENGTH	HEIGHT	DEPTH			
CUH-1	VESTIBULE	WALL - RECESSED	140	29,200	30.3	1	40.0	140.0	1/5	1	LOW	120	1	0.52	PKG. ECM	35	24	9.5	RITTLING RWI - CUSTOM	1, 2, 3, 4	
CUH-2	VESTIBULE	WALL - RECESSED	140	29,200	30.3	1	40.0	140.0	1/5	1	LOW	120	1	0.52	PKG. ECM	35	24	9.5	RITTLING RWI - CUSTOM	1, 2, 3, 4	
CUH-3	LOBBY	WALL - RECESSED	140	29,200	30.3	1	40.0	140.0	1/5	1	LOW	120	1	0.52	PKG. ECM	35	24	9.5	RITTLING RW-420-03	1, 3, 4	
CUH-4	CORRIDOR	WALL - SEMI RECESSED																		4	
CUH-5	EAST ENTRANCE	WALL - RECESSED	220	31,600	32.8	1	40.0	140.0	1/5	1	LOW	120	1	0.68	PKG. ECM	41	24	9.5	RITTLING RW-420-04	1, 3, 4	

1. NEW CABINET UNIT HEATER TO BE INSTALLED IN EXISTING CABINET UNIT HEATER LOCATION. FIELD VERIFY ALL DIMENSIONS PRIOR TO ORDERING NEW EQUIPMENT. NEW CABINET UNIT HEATER MUST FIT WITHIN EXISTING WALL CAVITY.
2. CUSTOM ARRANGEMENT TO BE TOP DUCT IN, WITH BOTTOM FRONT OUTLET. UTILIZE FLEXIBLE CONNECTOR TO ATTACHED TOP DUCT INLET TO EXISTING 48"X8" DUCT RISER WITHIN WALL.
3. PROVIDE WITH ECM MOTOR AND ECM MOTOR CONTROLLER WITH LOCAL SPEED POTENTIOMETER CAPABLE OF FLY CONTACT ENABLE / DISABLE CONTROL BY BMS.
4. PROVIDE WITH TRIM KIT TO COMPLETELY COVER WALL OPENING AFTER UNIT INSTALLATION. DIMENSIONS TO BE FIELD VERIFIED WITH APPROVED MANUFACTURER AND REMAINING WALL SPACE.

TAG	LOCATION	SERVICE	AIRFLOW (CFM)	SP (IN WC)	BLADE TYPE	FAN (RPM)	MOTOR DATA					MCA	STARTER	DESIGN EQUIPMENT	REMARKS
							TYPE	HP	RPM	V	PH				
EF-1	ROOF	OLD DARK ROOM	250	0.50	BI	1,585	DIRECT	1/6	1,725	115	1	3.0	PKG. ECM	GREENHECK G-080-VG	1, 2, 3
EF-2	ROOF	LIBRARY	2,500	0.50	BI	707	DIRECT	1	900	115	1	13.0	PKG. ECM	GREENHECK G-200-VG	1, 2, 3
EF-3	ROOF	OFFICE	300	0.50	BI	1,677	DIRECT	1/6	1,725	115	1	3.6	PKG. ECM	GREENHECK G-080-VG	1, 2, 3
EF-4	ROOF	STAFF/RESTROOM	500	0.50	BI	1,181	DIRECT	1/4	1,725	115	1	4.0	PKG. ECM	GREENHECK G-099-VG	1, 2, 3, 4
EF-5	ROOF	RESTROOM	300	0.50	BI	1,167	DIRECT	1/4	1,725	115	1	4.0	PKG. ECM	GREENHECK G-098-VG	1, 2, 3, 4

1. FURNISH 18" HIGH WIND CURB TO BE INSTALLED BY S-C CONTRACTOR. THIS CONTRACTOR RESPONSIBLE FOR SECURING EXHAUST FAN TO CURB TO MEET ALL NEW YORK STATE WIND RESTRAINT REQUIREMENTS
2. REMOVE EXISTING ROOF OPENING PATCH AND SEAL ROOF EXISTING WEATHER TIGHT AFTER NEW CURB INSTALLATION
3. PROVIDE EACH ROOF WITH LOCAL SLOPE POTENTIALLY MEET CAPABLE OF DRY CONTACT, ENABLE DRAINABLE CONTROL BY DMS.
4. FURNISH 21"x21" MOOF CURB TO MATCH EXISTING, FIELD VERIFY PRIOR TO RELEASE. PROVIDE CURB CAP ADAPTER TO CONNECT 21"x21" CURB TO EXHAUST FAN

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