

GREATER NEW HAVEN WATER POLLUTION CONTROL AUTHORITY

ADDENDUM No. 1

**TO
CONTRACT DOCUMENTS
FOR**

**GNHWPCA WIND RESILIENCY PROJECT
PROJECT NO. SSF 2021-03
260 EAST STREET
345 EAST SHORE PARKWAY
NEW HAVEN, CONNECTICUT**

Bidders are hereby notified of the following additions, deletions, and modifications to the Contract Documents for the Wind Resiliency Project. The content of this Addendum modifies the scope of work.

Bidders shall acknowledge receipt of this Addendum in the space provided in Article 5.03 of the Bid Form for Construction Contract.

A. RESPONSE TO BIDDER QUESTIONS

Question 1: Is the job Prevailing Wage or not?

Response 1: Yes, it is a prevailing wage project. Please refer to this addendum for the wage rate schedule.

Question 2: Does the Owner have funding in place for this project?

Response 2: GNHWPCA has funding in place for this project.

Question 3: Will the pre-bid meeting sign in sheet be available to bidders?

Response 3: The pre-bid meeting sign-in sheet is attached to this addendum.

Question 4: Will the slides shared at the pre-bid meeting be available to bidders?

Response 4: The slides are attached to this addendum.

Question 5: After reviewing the plans, we noticed that we cannot tell which detail occurs where. Although we can make assumptions, we prefer not to bid this way. For instance. Page A-903 has the parapet and coping details numbered 1-3. There is no specific call out on any of the roof plans on where each detail takes place. Can you please clarify where each detail occurs?

Response 5: Detail 1 applies to all parapet edges where a brick façade occurs, and a coping edge is shown covering the top of the brick.

Details 2 & 3 apply to where the building wall and roof parapet crenellates up and down. Detail 2 shows the high point of the crenellated parapet. Detail 3 shows the low point.

Question 6: The details and specifications seem to contradict each other. The specification calls out a 5/8" Gypsum substrate board but the details seem to show vapor barrier only on the deck. Please confirm if a substrate board is to be used here. Also, detail #9 on 99 A-904 shows an underlayment board just under the membrane assuming this is to be a cover board. Was this meant to be here? Please confirm if a coverboard is to be used here.?

Response 6: For areas with a new roofing system, note that from the concrete slab up the specified materials are ordered as follows:

- Existing concrete slab,
- Air/Vapor Retarder,
- Insulation,
- Overlayment board,
- EPDM sheet

Delete Specification Section 07 53 31, paragraph 2.02 Thermal Barrier, not used. Refer to the revised Specification Section 07 53 31 included in this addendum.

Question 7: After reviewing the roof plans with our manufacturer, we have come to find out the scale of the plans is drastically off. One roof according to the 1/8" scale on the plans measured out to 11,150 square feet. We then measured via satellite and the square footage of that building came out to be 4,950 square feet. Also, the plans for the substation #3 are illegible. We are unable to locate drains and none of the text is readable. We wish to bid this project but cannot do so if the scale is not correct. Please address this issue.

Response 7: Please refer to the revised drawings attached to this addendum.

Question 8: At the project pre-bid meeting, we were informed that some photos of the actual project buildings would be included in the pen drive we picked up last week. Unfortunately, the photos do not appear to be included. Could you please let me know how we can obtain those images?

Response 8: Please refer to the photos included in the pre-bid meeting attached to this addendum.

Question 9: Please confirm if any door access controls (i.e. auto openers, etc.) work exists on this project.

Response 9: No door access controls are included in this project.

Question 10: Please confirm if any security control (i.e. door / window contacts) scope exists on this project.

Response 10: No security controls are included in this project.

B. SPECIFICATIONS

Section 01 41 19 State Regulation Requirements

Add the attached Wage Rate Schedule and supporting documents.

Section 07 53 10 EPDM Single-Ply Membrane Roofing

Replace this specification section in its entirety with the attached section.

C. DRAWINGS

Drawings IW-201, OP-101, and OP-201

Drawings IW-201, OP-101, and OP-201 are used for reference. The actual drawing scale is 1/4" = 1'-0", not 1/8" = 1'-0"; as shown in the title block."

Replace drawings CS-101, IW-101, IW-102, IW-103, MTB-202, OP-204, OP-205, SS2-201, SS3-101, 99 A-902, 99 A-903, and 99 A-904 with the attached drawings.

END OF ADDENDUM

GNHWPCA Wind Resiliency Project Prebid Meeting Sign-in Sheet

Name	Representing	Email	Phone
Rich Berlandy	AECOM	wberlandy@aecom.com	860 263-5753
Salam Abad	ACC	Saba@Accc.com	860 324 2779
CRISTINA COLLAS	MUNGER	ccollas@mungerconstruction.com	860 558 3354
MICHAEL KIROZIK	MUNGER	M KIROZIK & MUNGEL CONST. MGMT. CORP.	203-996-8774
Charlie Biggs	GNHWPCA	cbiggs@gnhwpcra.com	203-410-3488
Isabella Schroeder	GNH	ischroeder@gnhwpcra.com	203-466-5280 x374
Christine Jablonski	DOC	cjablonski@doc.build	203-410-6217
Tom Loto	AECOM	tom.loto@aecom.com	860-830-1418
PETER SANTONO	GNHWPCA	psanton@gnhwpcra.com	203-800-1098
JOEL VENTURA	JV Const. Mgmt.	joel@jvllc.com	(203) 506-8589
Joe Megale	GNHWPCA	Jmegale@gnhwpcra.com	203-836-1740
TAM SARRI	GNHWPCA	tsarri@gnhwpcra.com	203 461 9031
Noah Brenckle	Pelletier Const. Mgmt.	noah@pcm-ct.com	860-430-5513
Steve Osrato	PBA	sosrato@PBArocking.com	203-206-8219
Peter Gavin	Lawrence Brunoli, Inc.	bids@lbrunoli.com	860.676.9900
John Torre	GNHWPCA	john@gnhwpcra.com	203-996-6744

Agenda
GNHWPCA Wind Resiliency Prebid Meeting

[illegible]

Wage Rate Schedule

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Prevailing Wage Rate Decision

Prevailing Wage Footnotes

Prevailing Wage Law Poster

Connecticut General Statute Section 31-53b - Worker training requirements for public works projects

Informational Bulletin – The 10-Hour OSHA Construction Safety and Health Course

Notice For All Mason Contractors

Connecticut General Statute Section 31-55a – Annual Adjustments to Wage Rates by Contractors Doing State Work

Contracting Agency Certification Form

Contractors Wage Certification Form

Payroll Certification – Public Works Projects

Informational Bulletin – Occupational Classifications

Minimum Rates and Classifications
for Building Construction

ID#: 25-8715

Connecticut Department of Labor
Wage and Workplace Standards Division

By virtue of the authority vested in the Labor Commissioner under provisions of Section 31-53 of the General Statutes of Connecticut, as amended, the following are declared to be the prevailing rates and welfare payments and will apply only where the contract is advertised for bid within 20 days of the date on which the rates are established. Any contractor or subcontractor not obligated by agreement to pay to the welfare and pension fund shall pay this amount to each employee as part of his/her hourly wages.

Project Number: SSF 2021-03 Project Town: New Haven
State#: FAP#:
Project: Greater New Haven Water Pollution Control Authority: Wind Resiliency

CLASSIFICATION	Hourly Rate	Benefits
1b) Asbestos/Toxic Waste Removal Laborers: Asbestos removal and encapsulation (except its removal from mechanical systems which are not to be scrapped), toxic waste removers, blasters.**See Laborers Group 7**		
1c) Asbestos Worker/Heat and Frost Insulator	48.81	34.05
2) Boilermaker	48.21	30.01
3a) Bricklayer, Cement Mason, Concrete Finisher (including caulking), Stone Masons	42.61	34.89 + a
3b) Tile Setter	40.0	32.75
3c) Tile and Stone Finishers	33.0	27.43
3d) Marble & Terrazzo Finishers	34.2	26.23
3e) Plasterer	44.52	29.63

3f) Terrazzo Mechanics & Marble Setters	40.6	34.93
-----LABORERS-----		
4) Group 1: General laborers, carpenter tenders, concrete specialists, wrecking laborers and fire watchers.	35.7	28.85
4) Group 1a: Acetylene Burners (Hours worked with a torch)	36.7	28.85
4a) Group 2: Mortar mixers, plaster tender, power buggy operators, powdermen, fireproofers/mixer/nozzleman (Person running mixer and spraying fireproof only).	35.95	28.85
4b) Group 3: Jackhammer operators/pavement breaker, mason tender (brick), mason tender (cement/concrete), forklift operators and forklift operators (masonry).	36.2	28.85
4c) **Group 4: Pipelayers (Installation of water, storm drainage or sewage lines outside of the building line with P6, P7 license) (the pipelayer rate shall apply only to one or two employees of the total crew who primary task is to actually perform the mating of pipe sections).	36.7	28.85
4d) Group 5: Air track operator, sand blaster and hydraulic drills.	36.45	28.85
4e) Group 6: Blasters, nuclear and toxic waste removal.	38.7	28.85
4f) Group 7: Asbestos/lead removal and encapsulation (except it's removal from mechanical systems which are not to be scrapped).	38.7	28.85
4g) Group 8: Bottom men on open air caisson, cylindrical work and boring crew.	36.2	28.85

4h) Group 9: Top men on open air caisson, cylindrical work and boring crew.	35.7	28.85
4i) Group 10: Traffic Control Signalman	21.42	28.85
4j) Group 11: Toxic Waste Removers A or B With PPE	38.7	28.85
5) Carpenter, Acoustical Ceiling Installation, Soft Floor/Carpet Laying, Metal Stud Installation, Form Work and Scaffold Building, Drywall Hanging, Modular-Furniture Systems Installers, Lathers, Piledrivers, Resilient Floor Layers.	42.03	29.19
5a) Millwrights	43.25	29.13
5b) Carpenter - Welder	42.53	29.19
5c) Carpenter: Working with creosote lumber or acid	43.03	29.19
6) Electrical Worker (including low voltage wiring) (Trade License required: E1,2 L-5,6 C-5,6 T-1,2 L-1,2 V-1,2,7,8,9)	46.4	36.66+3% of gross wage
7a) Elevator Mechanic (Trade License required: R-1,2,5,6)	66.72	38.435+a+b
-----OUTSIDE LINE CONSTRUCTION-----		
Groundman	30.87	13.91
Linemen/Cable Splicer	56.12	32.85
8) Glazier (Trade License required: FG-1,2)	43.13	26.50+ a

9) Ironworker, Ornamental, Reinforcing, Structural, and Precast Concrete Erection	45.25	43.62 + a
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----OPERATORS----

Group 1: Crane Handling or Erecting Structural Steel or Stone; Hoisting Engineer (2 drums or over). (Trade License Required)	58.19	29.80 + a
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Group 1a: Front End Loader (7 cubic yards or over); Work Boat 26 ft. and Over	53.33	29.80 + a
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Group 2: Cranes (100 ton rate capacity and over); Bauer Drill/Caisson. (Trade License Required)	57.78	29.80 + a
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Group 2a: Cranes (under 100 ton rated capacity).	56.79	29.80 + a
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Group 2b: Excavator over 2 cubic yards; Pile Driver (\$3.00 premium when operator controls hammer)	52.92	29.80 + a
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Group 3: Excavator; Gradall; Master Mechanic; Hoisting Engineer (all types of equipment where a drum and cable are used to hoist or drag material regardless of motive power of operation), Rubber Tire Excavator (Drott-1085 or similar); Grader Operator; Bulldozer Finegrade. (slopes, shaping, laser or GPS, etc.). (Trade License Required)	51.92	29.80 + a
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Group 4: Trenching Machines; Lighter Derrick; CMI Machine or Similar; Koehring Loader (Skooper); Goldhofer.	51.42	29.80 + a
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Group 5: Specialty Railroad Equipment; Asphalt Spreader, Asphalt Reclaiming Machine; Line Grinder; Concrete Pumps; Drills with Self Contained Power Units; Boring Machine; Post Hole Digger; Auger; Pounder; Well Digger; Milling Machine (over 24 mandrel).	50.63	29.80 + a
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Group 5 continued: Side Boom; Combination Hoe and Loader; Directional Driller.	50.63	29.80 + a
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Group 6: Front End Loader (3 up to 7 cubic yards); Bulldozer (rough grade dozer).	50.22	29.80 + a
Group 7: Asphalt Roller; Concrete Saws and Cutters (ride on types); Vermeer Concrete Cutter; Stump Grinder; Scraper; Snooper; Skidder; Milling Machine (24" and under mandrel).	49.77	29.80 + a
Group 8: Mechanic; Grease Truck Operator; Hydroblaster; Barrier Mover; Power Stone Spreader; Welding; Work Boat Under 26 ft.; Transfer Machine; Rigger Foreman.	49.25	29.80 + a
Group 9: Front End Loader (under 3 cubic yards); Skid Steer Loader regardless of attachments; (Bobcat or Similar); Forklift, Power Chipper; Landscape Equipment (including Hydroseeder); Vacuum Excavation Truck and Hydrovac Excavation Truck (27 HG pressure or greater).	48.67	29.80 + a
Group 10: Vibratory hammer; ice machine; diesel and air, hammer, etc.	45.96	29.80 + a
Group 11: Conveyor, earth roller, power pavement breaker (whiphammer), robot demolition equipment.	45.96	29.80 + a
Group 12: Wellpoint Operator.	45.87	29.80 + a
Group 13: Compressor Battery Operator.	45.12	29.80 + a
Group 14: Elevator Operator; Tow Motor Operator (solid tire no rough terrain).	43.6	29.80 + a
Group 15: Generator Operator; Compressor Operator; Pump Operator; Welding Machine Operator; Heater Operator.	43.06	29.80 + a
Group 16: Maintenance Engineer.	42.2	29.80 + a

As of: August 22, 2025

Group 17: Portable Asphalt Plant Operator; Portable Crusher Plant Operator; Portable Concrete Plant Operator; Portable Grout Plant Operator; Portable Water Filtration Plant Operator.	47.91	29.80 + a
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Group 18: Power Safety Boat; Vacuum Truck; Zim Mixer; Sweeper; (Minimum for any job requiring a CDL license); Rigger; Signalman.	44.7	29.80 + a
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Surveyor: Chief of Party	48.16	29.80 + a
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Surveyor: Assistant Chief of Party	44.41	29.80 + a
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Surveyor: Instrument Man	42.73	29.80 + a
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Surveyor: Rodman or Chainman	36.78	29.80 + a
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-----PAINTERS (Including Drywall Finishing)-----

10a) Brush and Roller	39.57	26.50
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10b) Taping Only/Drywall Finishing	40.32	26.50
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10c) Paperhanger and Red Label	40.07	26.50
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10d) Spray	42.57	26.50
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10e) Spray Helper	40.57	26.50
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10f) Blast	44.57	26.50
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10g) Blast Helper	40.57	26.50
11) Plumber (excluding HVAC pipe installation) (Trade License required: P-1,2,6,7,8,9 J-1,2,3,4 SP-1,2)	50.58	36.30
12) Well Digger, Pile Testing Machine	37.26	24.05 + a
Roofer: Cole Tar Pitch	46.0	24.74 + a
Roofer: Slate, Tile, Composition, Shingles, Singly Ply and Damp/Waterproofing	44.5	24.74 + a
15) Sheetmetal Worker (Trade License required for HVAC and Ductwork: SM-1,SM-2,SM-3,SM-4,SM-5,SM-6)	44.7	44.38
16) Pipefitter (Including HVAC work) (Trade License required: S-1,2,3,4,5,6,7,8 B-1,2,3,4 D-1,2,3,4, G-1, G-2, G-8 & G-9)	50.58	36.30
-----TRUCK DRIVERS-----		
17) Block Truck	37.48	32.68 + a
17a) 2 Axle	36.16	32.68 + a
17ab) Helpers	34.66	32.68 + a
17b) 3 Axle, 2 Axle Mixer	36.27	32.68 + a

17c) 3 Axle Mixer	36.33	32.68 + a
17d) 4 Axle	36.39	32.68 + a
17e) 4 Axle Mixer	37.19	32.68 + a
17ef) 5 Axle	36.39	32.68 + a
17eg) 5 Axle Mixer	37.19	32.68 + a
17f) Heavy Duty Trailer (40 Tons and Over)	38.66	32.68 + a
17g) Euclids and Semi-Trailer	36.44	32.68 + a
17h) Heavy Duty Trailer up to 40 tons	37.39	32.68 + a
17i) Snorkle Truck	36.54	32.68 + a
17j) Swivel Dump and Tack Truck	36.39	32.68 + a
18) Sprinkler Fitter (Trade License required: F-1,2,3,4)	53.76	33.44 + a
19) Theatrical Stage Journeyman	25.76	7.34

Welders: Rate for craft to which welding is incidental.

Surveyors: Hazardous material removal: \$3.00 per hour premium.

*Note: Hazardous waste removal work receives additional \$1.25 per hour for truck drivers.

**Note: Hazardous waste premium \$3.00 per hour over classified rate.

Truck Drivers: Trainers Premium: \$3.00 over wage rate.

Truck Drivers: Night Premium - Mixer Drivers: \$2.00 over wage rate.

As of: August 22, 2025

Crane with 150 ft. boom (including jib) - \$1.50 extra
Crane with 200 ft. boom (including jib) - \$2.50 extra
Crane with 250 ft. boom (including jib) - \$5.00 extra
Crane with 300 ft. boom (including jib) - \$7.00 extra
Crane with 400 ft. boom (including jib) - \$10.00 extra

All classifications that indicate a percentage of the fringe benefits must be calculated at the percentage rate times the "base hourly rate".

Apprentices duly registered under the Commissioner of Labor's regulations on "Work Training Standards for Apprenticeship and Training Programs" Section 31-51-d-1 to 12, are allowed to be paid the appropriate percentage of the prevailing journeymen hourly base and the full fringe benefit rate, providing the work site ratio shall not be less than one full-time journeyperson instructing and supervising the work of each apprentice in a specific trade.

The Prevailing wage rates applicable to this project are subject to annual adjustments each July 1st for the duration of the project.

Each contractor shall pay the annual adjusted prevailing wage rate that is in effect each July 1st, as posted by the Department of Labor.

It is the contractor's responsibility to obtain the annual adjusted prevailing wage rate increases directly from the Department of Labor's website.

The annual adjustments will be posted on the Department of Labor's Web page:

www.ct.gov/dol. For those without internet access, please contact the division listed below.

The Department of Labor will continue to issue the initial prevailing wage rate schedule to the Contracting Agency for the project.

All subsequent annual adjustments will be posted on our Web Site for contractor access.

Contracting Agencies are under no obligation pursuant to State labor law to pay any increase due to the annual adjustment provision.

Effective October 1, 2005 - Public Act 05-50: any person performing the work of any mechanic, laborer, or worker shall be paid prevailing wage

All Person who perform work ON SITE must be paid prevailing wage for the appropriate mechanic, laborer, or worker classification.

All certified payrolls must list the hours worked and wages paid to All Persons who perform work ON SITE regardless of their ownership i.e.: (Owners, Corporate Officers, LLC Members, Independent Contractors, et. al)

Reporting and payment of wages is required regardless of any contractual relationship alleged to exist between the contractor and such person.

~~Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clause (29 CFR 5.5 (a) (1) (ii)).

Please direct any questions which you may have pertaining to classification of work and payment of prevailing wages to the Wage and Workplace Standards Division, telephone (860)263-6790.

As of: August 22, 2025

**Connecticut Department of Labor
Wage and Workplace Standards Division
FOOTNOTES**

- ⇒ Please Note: If the “Benefits” listed on the schedule for the following occupations includes a letter(s) (+ a or + a+b for instance), refer to the information below.

Benefits to be paid at the appropriate prevailing wage rate for the listed occupation.

If the “Benefits” section for the occupation lists only a dollar amount, disregard the information below.

Bricklayers, Cement Masons, Cement Finishers, Concrete Finishers, Stone Masons
(Building Construction) and
(Residential- Hartford, Middlesex, New Haven, New London and Tolland Counties)

- a. Paid Holiday: Employees shall receive 4 hours for Christmas Eve holiday provided the employee works the regularly scheduled day before and after the holiday. Employers may schedule work on Christmas Eve and employees shall receive pay for actual hours worked in addition to holiday pay.

Elevator Constructors: Mechanics

- a. Paid Holidays: New Year’s Day, Memorial Day, Independence Day, Labor Day, Veterans’ Day, Thanksgiving Day, Christmas Day, plus the Friday after Thanksgiving.
- b. Vacation: Employer contributes 8% of basic hourly rate for 5 years or more of service or 6% of basic hourly rate for 6 months to 5 years of service as vacation pay credit.

Glaziers

- a. Paid Holidays: Labor Day and Christmas Day.

Power Equipment Operators
(Heavy and Highway Construction & Building Construction)

- a. Paid Holidays: New Year’s Day, Good Friday, Memorial day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day, provided the employee works 3 days during the week in which the holiday falls, if scheduled, and if scheduled, the working day before and the working day after the holiday. Holidays falling on Saturday may be observed on Saturday, or if the employer so elects, on the preceding Friday.

Ironworkers

- a. Paid Holiday: Labor Day provided employee has been on the payroll for the 5 consecutive work days prior to Labor Day.

Laborers (Tunnel Construction)

- a. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day. No employee shall be eligible for holiday pay when he fails, without cause, to work the regular work day preceding the holiday or the regular work day following the holiday.

Roofers

- a. Paid Holidays: July 4th, Labor Day, and Christmas Day provided the employee is employed 15 days prior to the holiday.

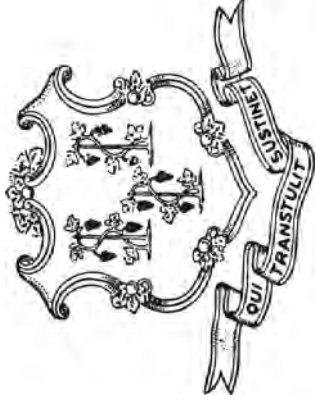
Sprinkler Fitters

- a. Paid Holidays: Memorial Day, July 4th, Labor Day, Thanksgiving Day and Christmas Day, provided the employee has been in the employment of a contractor 20 working days prior to any such paid holiday.

Truck Drivers

(Heavy and Highway Construction & Building Construction)

- a. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Christmas day, and Good Friday, provided the employee has at least 31 calendar days of service and works the last scheduled day before and the first scheduled day after the holiday, unless excused.



THIS IS A PUBLIC WORKS PROJECT

Covered by the

PREVAILING WAGE LAW

CT General Statutes Section 31-53

**If you have QUESTIONS regarding your wages
CALL (860) 263-6790**

Section 31-55 of the CT State Statutes requires every contractor or subcontractor performing work for the state to post in a prominent place the prevailing wages as determined by the Labor Commissioner.

Sec. 31-53b. Worker training requirements for public works projects. Enforcement. Regulations. Exceptions. (a) Each contract for a public works project entered into on or after July 1, 2009, by the state or any of its agents, or by any political subdivision of the state or any of its agents, described in subsection (h) of section [31-53](#), shall contain a provision requiring that each contractor furnish proof with the weekly certified payroll form for the first week each employee begins work on such project that any person performing the work of a mechanic, laborer or worker pursuant to the classifications of labor under section [31-53](#) on such public works project, pursuant to such contract, has completed a course of at least ten hours in duration in construction safety and health approved by the federal Occupational Safety and Health Administration or, has completed a new miner training program approved by the Federal Mine Safety and Health Administration in accordance with 30 CFR 46 or, in the case of telecommunications employees, has completed at least ten hours of training in accordance with 29 CFR 1910.268, and, on or after July 1, 2012, that any plumber or electrician subject to the continuing education requirements of section [20-334d](#), who has completed a course of at least ten hours in duration in construction safety and health approved by the federal Occupational Safety and Health Administration five or more years prior to the date such electrician or plumber begins work on such public works project, has completed a supplemental refresher training course of at least four hours in duration in construction safety and health taught by a federal Occupational Safety and Health Administration authorized trainer.

(b) Any person required to complete a course or program under subsection (a) of this section who has not completed the course or program shall be subject to removal from the worksite if the person does not provide documentation of having completed such course or program by the fifteenth day after the date the person is found to be in noncompliance. The Labor Commissioner or said commissioner's designee shall enforce this section.

(c) Not later than January 1, 2012, the Labor Commissioner shall adopt regulations, in accordance with the provisions of chapter 54, to implement the provisions of subsections (a) and (b) of this section. Such regulations shall require that the ten-hour construction safety and health courses required under subsection (a) of this section be conducted in accordance with federal Occupational Safety and Health Administration Training Institute standards, or, in the case of a supplemental refresher training course, shall include, but not be limited to, an update of revised Occupational Safety and Health Administration standards and a review of required construction hazards training, or in accordance with Federal Mine Safety and Health Administration Standards or in accordance with 29 CFR 1910.268, as appropriate. The Labor Commissioner shall accept as sufficient proof of compliance with the provisions of subsection (a) or (b) of this section a student course completion card issued by the federal Occupational Safety

and Health Administration Training Institute, or such other proof of compliance said commissioner deems appropriate, dated no earlier than five years before the commencement date of such public works project or, in the case of supplemental refresher training, a student course completion card issued by said Occupational Safety and Health Administration authorized trainer dated not earlier than five years prior to the date such electrician or plumber begins work on such public works project.

(d) This section shall not apply to employees of public service companies, as defined in section [16-1](#), or drivers of commercial motor vehicles driving the vehicle on the public works project and delivering or picking up cargo from public works projects provided they perform no labor relating to the project other than the loading and unloading of their cargo.

(P.A. 06-175, S. 1; P.A. 08-83, S. 1; P.A. 10-47, S. 2; P.A. 11-63, S. 1.)

History: P.A. 08-83 amended Subsec. (a) by making provisions applicable to public works project contracts entered into on or after July 1, 2009, replacing provision re total cost of work with reference to Sec. 31-53(g), requiring proof in certified payroll form that new mechanic, laborer or worker has completed a 10-hour or more construction safety course and adding provision re new miner training program, amended Subsec. (b) by substituting “person” for “employee” and adding “or program”, amended Subsec. (c) by adding “or in accordance with Federal Mine Safety and Health Administration Standards” and setting new deadline of January 1, 2009, deleted former Subsec. (d) re “public building”, added new Subsec. (d) re exemptions for public service company employees and delivery drivers who perform no labor other than delivery and made conforming and technical changes, effective January 1, 2009; P.A. 10-47 made a technical change in Subsec. (a); P.A. 11-63 amended Subsec. (a) by adding provision re supplemental refresher training course for plumbers and electricians subject to Sec. 20-334d, amended Subsec. (c) by adding provisions re regulations and subject matter of refresher training course and refresher training course student completion cards, and made technical changes, effective July 1, 2011.

Informational Bulletin

THE 10-HOUR OSHA CONSTRUCTION SAFETY AND HEALTH COURSE

(applicable to public building contracts entered into *on or after July 1, 2007*, where the total cost of all work to be performed is at least \$100,000)

- (1) This requirement was created by Public Act No. 06-175, which is codified in Section 31-53b of the Connecticut General Statutes (pertaining to the prevailing wage statutes);
- (2) The course is required for public building construction contracts (projects funded in whole or in part by the state or any political subdivision of the state) entered into on or after July 1, 2007;
- (3) It is required of private employees (not state or municipal employees) and apprentices who perform manual labor for a general contractor or subcontractor on a public building project where the total cost of all work to be performed is at least \$100,000;
- (4) The ten-hour construction course pertains to the ten-hour Outreach Course conducted in accordance with federal OSHA Training Institute standards, and, for telecommunications workers, a ten-hour training course conducted in accordance with federal OSHA standard, 29 CFR 1910.268;
- (5) The internet website for the federal OSHA Training Institute is http://www.osha.gov/fso/ote/training/edcenters/fact_sheet.html;
- (6) The statutory language leaves it to the contractor and its employees to determine who pays for the cost of the ten-hour Outreach Course;
- (7) Within 30 days of receiving a contract award, a general contractor must furnish proof to the Labor Commissioner that all employees and apprentices performing manual labor on the project will have completed such a course;
- (8) Proof of completion may be demonstrated through either: (a) the presentation of a *bona fide* student course completion card issued by the federal OSHA Training Institute; *or* (2) the presentation of documentation provided to an employee by a trainer certified by the Institute pending the actual issuance of the completion card;
- (9) Any card with an issuance date more than 5 years prior to the commencement date of the construction project shall not constitute proof of compliance;

- (10) Each employer shall affix a copy of the construction safety course completion card to the certified payroll submitted to the contracting agency in accordance with Conn. Gen. Stat. § 31-53(f) on which such employee's name first appears;
- (11) Any employee found to be in non-compliance shall be subject to removal from the worksite if such employee does not provide satisfactory proof of course completion to the Labor Commissioner by the fifteenth day after the date the employee is determined to be in noncompliance;
- (12) Any such employee who is determined to be in noncompliance may continue to work on a public building construction project for a maximum of fourteen consecutive calendar days while bringing his or her status into compliance;
- (13) The Labor Commissioner may make complaint to the prosecuting authorities regarding any employer or agent of the employer, or officer or agent of the corporation who files a false certified payroll with respect to the status of an employee who is performing manual labor on a public building construction project;
- (14) The statute provides the minimum standards required for the completion of a safety course by manual laborers on public construction contracts; any contractor can exceed these minimum requirements; and
- (15) Regulations clarifying the statute are currently in the regulatory process, and shall be posted on the CTDOL website as soon as they are adopted in final form.
- (16) Any questions regarding this statute may be directed to the Wage and Workplace Standards Division of the Connecticut Labor Department via the internet website of <http://www.ctdol.state.ct.us/wgwkstnd/wgemenu.htm>; or by telephone at (860)263-6790.

THE ABOVE INFORMATION IS PROVIDED EXCLUSIVELY AS AN EDUCATIONAL RESOURCE, AND IS NOT INTENDED AS A SUBSTITUTE FOR LEGAL INTERPRETATIONS WHICH MAY ULTIMATELY ARISE CONCERNING THE CONSTRUCTION OF THE STATUTE OR THE REGULATIONS.

November 29, 2006

Notice
To All Mason Contractors and Interested Parties
Regarding Construction Pursuant to Section 31-53 of the
Connecticut General Statutes (Prevailing Wage)

The Connecticut Labor Department Wage and Workplace Standards Division is empowered to enforce the prevailing wage rates on projects covered by the above referenced statute.

Over the past few years the Division has withheld enforcement of the rate in effect for workers who operate a forklift on a prevailing wage rate project due to a potential jurisdictional dispute.

The rate listed in the schedules and in our Occupational Bulletin (see enclosed) has been as follows:

Forklift Operator:

- **Laborers (Group 4) Mason Tenders** - operates forklift solely to assist a mason to a maximum height of nine feet only.
- **Power Equipment Operator (Group 9)** - operates forklift to assist any trade and to assist a mason to a height over nine feet.

The U.S. Labor Department conducted a survey of rates in Connecticut but it has not been published and the rate in effect remains as outlined in the above Occupational Bulletin.

Since this is a classification matter and not one of jurisdiction, effective January 1, 2007 the Connecticut Labor Department will enforce the rate on each schedule in accordance with our statutory authority.

Your cooperation in filing appropriate and accurate certified payrolls is appreciated.

Sec. 31-55a. Annual adjustments to wage rates by contractors doing state work. Each contractor that is awarded a contract on or after October 1, 2002, for (1) the construction of a state highway or bridge that falls under the provisions of section [31-54](#), or (2) the construction, remodeling, refinishing, refurbishing, rehabilitation, alteration or repair of any public works project that falls under the provisions of section [31-53](#) shall contact the Labor Commissioner on or before July first of each year, for the duration of such contract, to ascertain the prevailing rate of wages on an hourly basis and the amount of payment or contributions paid or payable on behalf of each mechanic, laborer or worker employed upon the work contracted to be done, and shall make any necessary adjustments to such prevailing rate of wages and such payment or contributions paid or payable on behalf of each such employee, effective each July first.

(P.A. 02-69, S. 1.)

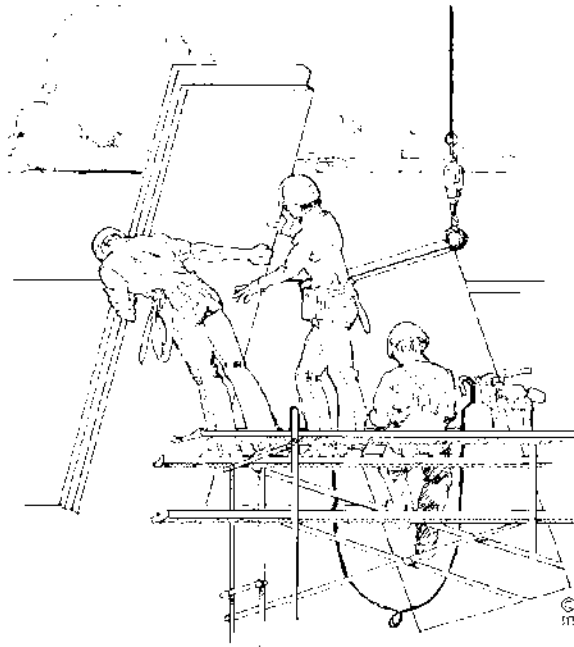
~NOTICE~

TO ALL CONTRACTING AGENCIES

Please be advised that Connecticut General Statutes Section 31-53, requires the contracting agency to certify to the Department of Labor, the total dollar amount of work to be done in connection with such public works project, regardless of whether such project consists of one or more contracts.

Please find the attached “Contracting Agency Certification Form” to be completed and returned to the Department of Labor, Wage and Workplace Standards Division, Public Contract Compliance Unit.

 Inquiries can be directed to (860) 263-6790.



CONNECTICUT DEPARTMENT OF LABOR
WAGE AND WORKPLACE STANDARDS DIVISION
CONTRACT COMPLIANCE UNIT

CONTRACTING AGENCY CERTIFICATION FORM

I, _____, acting in my official capacity as _____,
authorized representative title

for _____, located at _____,
contracting agency address

do hereby certify that the total dollar amount of work to be done in connection with

_____, located at _____,
project name and number address

shall be \$_____, which includes all work, regardless of whether such project
consists of one or more contracts.

CONTRACTOR INFORMATION

Name: _____

Address: _____

Authorized Representative: _____

Approximate Starting Date: _____

Approximate Completion Date: _____

Signature

Date

Return To: Connecticut Department of Labor
Wage & Workplace Standards Division
Contract Compliance Unit
200 Folly Brook Blvd.
Wethersfield, CT 06109

Date Issued: _____

CONNECTICUT DEPARTMENT OF LABOR
WAGE AND WORKPLACE STANDARDS DIVISION

CONTRACTORS WAGE CERTIFICATION FORM

I, _____ of _____
Officer, Owner, Authorized Rep. Company Name

do hereby certify that the _____
Company Name

Street

City

and all of its subcontractors will pay all workers on the

Project Name and Number

Street and City

the wages as listed in the schedule of prevailing rates required for such project (a copy of which is attached hereto).

Signed

Subscribed and sworn to before me this _____ day of _____, _____.

Notary Public

Return to:

Connecticut Department of Labor
Wage & Workplace Standards Division
200 Folly Brook Blvd.
Wethersfield, CT 06109

Rate Schedule Issued (Date): _____

[New] In accordance with Section 31-53b(a) of the C.G.S. each contractor shall provide a copy of the OSHA 10 Hour Construction Safety and Health Card for each employee, to be attached to the first certified payroll on the project.

In accordance with Connecticut General Statutes, 31-53 Certified Payrolls with a statement of compliance shall be submitted monthly to the contracting agency.												PAYROLL CERTIFICATION FOR PUBLIC WORKS PROJECTS										Connecticut Department of Labor Wage and Workplace Standards Division 200 Folly Brook Blvd. Wethersfield, CT 06109					
CONTRACTOR NAME AND ADDRESS:												SUBCONTRACTOR NAME & ADDRESS						WORKER'S COMPENSATION INSURANCE CARRIER POLICY # EFFECTIVE DATE: EXPIRATION DATE:									
PAYROLL NUMBER		Week-Ending Date		PROJECT NAME & ADDRESS																							
PERSON/WORKER, ADDRESS and SECTION		APPR RATE %	MALE/ FEMALE AND RACE*	WORK CLASSIFICATION		DAY AND DATE						Total ST Hours	BASE HOURLY RATE	TYPE OF FRINGE BENEFITS Per Hour 1 through 6 (see back)	GROSS PAY FOR ALL WORK PERFORMED THIS WEEK	TOTAL DEDUCTIONS				GROSS PAY FOR THIS PREVAILING RATE JOB	CHECK # AND NET PAY						
						S	M	T	W	TH	F	S				Total O/T Hours	FICA	FEDERAL WITH- HOLDING	STATE WITH- HOLDING			LIST OTHER					
				Trade License Type & Number - OSHA 10 Certification Number		HOURS WORKED EACH DAY																					
													\$ Base Rate	1. \$ 2. \$ 3. \$													
												\$ Cash Fringe	4. \$ 5. \$ 6. \$														
												\$ Base Rate	1. \$ 2. \$ 3. \$														
												\$ Cash Fringe	4. \$ 5. \$ 6. \$														
												\$ Base Rate	1. \$ 2. \$ 3. \$														
												\$ Cash Fringe	4. \$ 5. \$ 6. \$														
												\$ Base Rate	1. \$ 2. \$ 3. \$														
												\$ Cash Fringe	4. \$ 5. \$ 6. \$														
												\$ Base Rate	1. \$ 2. \$ 3. \$														
												\$ Cash Fringe	4. \$ 5. \$ 6. \$														

12/9/2013

WWS-CP1

*IF REQUIRED

*SEE REVERSE SIDE

PAGE NUMBER ____OF

***FRINGE BENEFITS EXPLANATION (P):**

Bona fide benefits paid to approved plans, funds or programs, except those required by Federal or State Law (unemployment tax, worker’s compensation, income taxes, etc.).

Please specify the type of benefits provided:

- 1) Medical or hospital care _____
- 4) Disability_____
- 2) Pension or retirement _____
- 5) Vacation, holiday_____
- 3) Life Insurance _____
- 6) Other (please specify) _____

CERTIFIED STATEMENT OF COMPLIANCE

For the week ending date of _____,

I, _____ of _____, (hereafter known as Employer) in my capacity as _____ (title) do hereby certify and state:

Section A:

1. All persons employed on said project have been paid the full weekly wages earned by them during the week in accordance with Connecticut General Statutes, section 31-53, as amended. Further, I hereby certify and state the following:

a) The records submitted are true and accurate;

b) The rate of wages paid to each mechanic, laborer or workman and the amount of payment or contributions paid or payable on behalf of each such person to any employee welfare fund, as defined in Connecticut General Statutes, section 31-53 (h), are not less than the prevailing rate of wages and the amount of payment or contributions paid or payable on behalf of each such person to any employee welfare fund, as determined by the Labor Commissioner pursuant to subsection Connecticut General Statutes, section 31-53 (d), and said wages and benefits are not less than those which may also be required by contract;

c) The Employer has complied with all of the provisions in Connecticut General Statutes, section 31-53 (and Section 31-54 if applicable for state highway construction);

d) Each such person is covered by a worker’s compensation insurance policy for the duration of his employment which proof of coverage has been provided to the contracting agency;

e) The Employer does not receive kickbacks, which means any money, fee, commission, credit, gift, gratuity, thing of value, or compensation of any kind which is provided directly or indirectly, to any prime contractor, prime contractor employee, subcontractor, or subcontractor employee for the purpose of improperly obtaining or rewarding favorable treatment in connection with a prime contract or in connection with a prime contractor in connection with a subcontractor relating to a prime contractor; and

f) The Employer is aware that filing a certified payroll which he knows to be false is a class D felony for which the employer may be fined up to five thousand dollars, imprisoned for up to five years or both.

2. OSHA~The employer shall affix a copy of the construction safety course, program or training completion document to the certified payroll required to be submitted to the contracting agency for this project on which such persons name first appears.

(Signature)

(Title)

Submitted on (Date)

Weekly Payroll Certification For Public Works Projects (Continued)				PAYROLL CERTIFICATION FOR PUBLIC WORKS PROJECTS										Week-Ending Date: Contractor or Subcontractor Business Name:						
WEEKLY PAYROLL																				
PERSON/WORKER, ADDRESS and SECTION	APPR RATE %	MALE/ FEMALE AND RACE*	WORK CLASSIFICATION	DAY AND DATE							Total ST Hours	BASE HOURLY RATE	TYPE OF FRINGE BENEFITS Per Hour 1 through 6 (see back)	GROSS PAY FOR ALL WORK PERFORMED THIS WEEK	TOTAL DEDUCTIONS				GROSS PAY FOR THIS PREVAILING RATE JOB	CHECK # AND NET PAY
				S	M	T	W	TH	F	S	FICA				FEDERAL	STATE	OTHER			
			Trade License Type & Number - OSHA									TOTAL FRINGE BENEFIT PLAN								
			10 Certification Number	HOURS WORKED EACH DAY							Total O/T Hours	CASH								
												\$ Base Rate	1. \$							
													2. \$							
													3. \$							
													4. \$							
													5. \$							
													6. \$							
												\$ Cash Fringe	1. \$							
													2. \$							
													3. \$							
													4. \$							
													5. \$							
													6. \$							
												\$ Base Rate	1. \$							
													2. \$							
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												\$ Cash Fringe	1. \$							
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													6. \$							
												\$ Base Rate	1. \$							
													2. \$							
													3. \$							
													4. \$							
													5. \$							
													6. \$							
												\$ Cash Fringe	1. \$							
													2. \$							
													3. \$							
													4. \$							
													5. \$							
													6. \$							

12/9/2013
WWS-CP2

*IF REQUIRED

NOTICE: THIS PAGE MUST BE ACCOMPANIED BY A COVER PAGE (FORM # WWS-CP1)

PAGE NUMBER ____ OF

[New] In accordance with Section 31-53b(a) of the C.G.S. each contractor shall provide a copy of the OSHA 10 Hour Construction Safety and Health Card for each employee, to be attached to the first certified payroll on the project.

PAYROLL CERTIFICATION FOR PUBLIC WORKS PROJECTS										Connecticut Department of Labor Wage and Workplace Standards Division 200 Folly Brook Blvd. Wethersfield, CT 06109										
In accordance with Connecticut General Statutes, 31-53 Certified Payrolls with a statement of compliance shall be submitted monthly to the contracting agency.										WEEKLY PAYROLL										
CONTRACTOR NAME AND ADDRESS: Landon Corporation, 15 Connecticut Avenue, Northford, CT 06472										SUBCONTRACTOR NAME & ADDRESS XYZ Corporation 2 Main Street Yantic, CT 06389					WORKER'S COMPENSATION INSURANCE CARRIER Travelers Insurance Company POLICY # #BAC8888928 EFFECTIVE DATE: 1/1/09 EXPIRATION DATE: 12/31/09					
PAYROLL NUMBER 1	Week-Ending Date 9/26/09	PROJECT NAME & ADDRESS DOT 105-296, Route 82																		
PERSON/WORKER, ADDRESS and SECTION	APPR RATE %	MALE/ FEMALE AND RACE*	WORK CLASSIFICATION Trade License Type & Number - OSHA 10 Certification Number	DAY AND DATE							Total ST Hours Total O/T Hours	BASE HOURLY RATE TOTAL FRINGE BENEFIT PLAN CASH	TYPE OF FRINGE BENEFITS Per Hour 1 through 6 (see back)	GROSS PAY FOR ALL WORK PERFORMED THIS WEEK	TOTAL DEDUCTIONS				GROSS PAY FOR THIS PREVAILING RATE JOB	CHECK # AND NET PAY
				S	M	T	W	TH	F	S					FICA	FEDERAL WITH- HOLDING	STATE WITH- HOLDING	LIST OTHER		
				20	21	22	23	24	25	26										
Robert Craft 81 Maple Street Willimantic, CT 06226		M/C	Electrical Lineman E-1 1234567 Owner OSHA 123456		8	8	8	8	8			S-TIME 40 \$ 30.75 Base Rate O-TIME \$ 8.82 Cash Fringe	1. \$ 5.80 2. \$ 3. \$ 2.01 4. \$ 5. \$ 6. \$	\$1,582.80				P-xxxx	\$1,582.80	#123 \$ xxx.xx
Ronald Jones 212 Elm Street Norwich, CT 06360	65%	M/B	Electrical Apprentice OSHA 234567		8	8	8	8	8			S-TIME 40 \$ 19.99 Base Rate O-TIME \$ 16.63 Cash Fringe	1. \$ 2. \$ 3. \$ 4. \$ 5. \$ 6. \$	\$1,464.80	xx.xx	xxx.xx	xx.xx	G-xxx	\$1,464.80	#124 \$xxx.xx
Franklin T. Smith 234 Washington Rd. New London, CT 06320 SECTION B		M/H	Project Manager			8						S-TIME 8 \$ Base Rate O-TIME \$ Cash Fringe	1. \$ 2. \$ 3. \$ 4. \$ 5. \$ 6. \$	\$1,500.00	xx.xx	xx.xx	xx.xx	M-xx.x		#125 xxx.xx
												S-TIME \$ Base Rate O-TIME \$ Cash Fringe	1. \$ 2. \$ 3. \$ 4. \$ 5. \$ 6. \$							

OSHA 10 ~ATTACH CARD TO 1ST CERTIFIED PAYROLL

***FRINGE BENEFITS EXPLANATION (P):**

Bona fide benefits paid to approved plans, funds or programs, except those required by Federal or State Law (unemployment tax, worker's compensation, income taxes, etc.).

Please specify the type of benefits provided:

- 1) Medical or hospital care Blue Cross 4) Disability _____
2) Pension or retirement _____ 5) Vacation, holiday _____
3) Life Insurance Utopia 6) Other (please specify) _____

CERTIFIED STATEMENT OF COMPLIANCE

For the week ending date of 9/26/09,

I, Robert Craft of XYZ Corporation, (hereafter known as

Employer) in my capacity as Owner (title) do hereby certify and state:

Section A:

1. All persons employed on said project have been paid the full weekly wages earned by them during the week in accordance with Connecticut General Statutes, section 31-53, as amended. Further, I hereby certify and state the following:

a) The records submitted are true and accurate;

b) The rate of wages paid to each mechanic, laborer or workman and the amount of payment or contributions paid or payable on behalf of each such employee to any employee welfare fund, as defined in Connecticut General Statutes, section 31-53 (h), are not less than the prevailing rate of wages and the amount of payment or contributions paid or payable on behalf of each such employee to any employee welfare fund, as determined by the Labor Commissioner pursuant to subsection Connecticut General Statutes, section 31-53 (d), and said wages and benefits are not less than those which may also be required by contract;

c) The Employer has complied with all of the provisions in Connecticut General Statutes, section 31-53 (and Section 31-54 if applicable for state highway construction);

d) Each such employee of the Employer is covered by a worker's compensation insurance policy for the duration of his employment which proof of coverage has been provided to the contracting agency;

e) The Employer does not receive kickbacks, which means any money, fee, commission, credit, gift, gratuity, thing of value, or compensation of any kind which is provided directly or indirectly, to any prime contractor, prime contractor employee, subcontractor, or subcontractor employee for the purpose of improperly obtaining or rewarding favorable treatment in connection with a prime contract or in connection with a prime contractor in connection with a subcontractor relating to a prime contractor; and

f) The Employer is aware that filing a certified payroll which he knows to be false is a class D felony for which the employer may be fined up to five thousand dollars, imprisoned for up to five years or both.

2. OSHA-The employer shall affix a copy of the construction safety course, program or training completion document to the certified payroll required to be submitted to the contracting agency for this project on which such employee's name first appears.

Robert Craft owner 10/2/09
(Signature) (Title) Submitted on (Date)

Section B: Applies to CONNDOT Projects ONLY

That pursuant to CONNDOT contract requirements for reporting purposes only, all employees listed under Section B who performed work on this project are not covered under the prevailing wage requirements defined in Connecticut General Statutes Section 31-53.

Robert Craft owner 10/2/09
(Signature) (Title) Submitted on (Date)

Note: CTDOL will assume all hours worked were performed under Section A unless clearly delineated as Section B WWS-CP1 as such. Should an employee perform work under both Section A and Section B, the hours worked and wages paid must be segregated for reporting purposes.

THIS IS A PUBLIC DOCUMENT
DO NOT INCLUDE SOCIAL SECURITY NUMBERS

Information Bulletin

Occupational Classifications

The Connecticut Department of Labor has the responsibility to properly determine "job classification" on prevailing wage projects covered under C.G.S. Section 31-53(d).

Note: This information is intended to provide a sample of some occupational classifications for guidance purposes only. It is not an all-inclusive list of each occupation's duties. This list is being provided only to highlight some areas where a contractor may be unclear regarding the proper classification. If unsure, the employer should seek guidelines for CTDOL.

Below are additional clarifications of specific job duties performed for certain classifications:

- **ASBESTOS WORKERS**

Applies all insulating materials, protective coverings, coatings and finishes to all types of mechanical systems.

- **ASBESTOS INSULATOR**

Handle, install apply, fabricate, distribute, prepare, alter, repair, dismantle, heat and frost insulation, including penetration and fire stopping work on all penetration fire stop systems.

- **BOILERMAKERS**

Erects hydro plants, incomplete vessels, steel stacks, storage tanks for water, fuel, etc. Builds incomplete boilers, repairs heat exchanges and steam generators.

- **BRICKLAYERS, CEMENT MASONS, CEMENT FINISHERS, MARBLE MASONS, PLASTERERS, STONE MASONS, PLASTERERS. STONE MASONS, TERRAZZO WORKERS, TILE SETTERS**

Lays building materials such as brick, structural tile and concrete cinder, glass, gypsum, terra cotta block. Cuts, tools and sets marble, sets stone, finishes concrete, applies decorative steel, aluminum and plastic tile, applies cements, sand, pigment and marble chips to floors, stairways, etc.

- **CARPENTERS, MILLWRIGHTS. PILEDRIVERMEN. LATHERS. RESILIENT FLOOR LAYERS, DOCK BUILDERS, DIKERS, DIVER TENDERS**

Constructs, erects, installs and repairs structures and fixtures of wood, plywood and wallboard. Installs, assembles, dismantles, moves industrial machinery. Drives piling into ground to provide foundations for structures such as buildings and bridges, retaining walls for earth embankments, such as cofferdams. Fastens wooden, metal or rockboard lath to walls, ceilings and partitions of buildings, acoustical tile layer, concrete form builder. Applies firestopping materials on fire resistive joint systems only. Installation of curtain/window walls only where attached to wood or metal studs. Installation of insulated material of all types whether blown, nailed or attached in other ways to walls, ceilings and floors of buildings. Assembly and installation of modular furniture/furniture systems. Free-standing furniture is not covered. This includes free standing: student chairs, study top desks, book box desks, computer furniture, dictionary stand, atlas stand, wood shelving, two-position information access station, file cabinets, storage cabinets, tables, etc.

- **LABORER, CLEANING**

- The clean up of any construction debris and the general (heavy/light) cleaning, including sweeping, wash down, mopping, wiping of the construction facility and its furniture, washing, polishing, and dusting.

- **DELIVERY PERSONNEL**

- If delivery of supplies/building materials is to one common point and stockpiled there, prevailing wages are not required. If the delivery personnel are involved in the distribution of the material to multiple locations within the construction site then they would have to be paid prevailing wages for the type of work performed: laborer, equipment operator, electrician, ironworker, plumber, etc.

- An example of this would be where delivery of drywall is made to a building and the delivery personnel distribute the drywall from one "stockpile" location to further sub-locations on each floor. Distribution of material around a construction site is the job of a laborer or tradesman, and not a delivery personnel.

- **ELECTRICIANS**

Install, erect, maintenance, alteration or repair of any wire, cable, conduit, etc., which generates, transforms, transmits or uses electrical energy for light, heat, power or other purposes, including the installation or maintenance of telecommunication, LAN wiring or computer equipment, and low voltage wiring. ****License required per Connecticut General Statutes: E-1,2 L-5,6 C-5,6 T-1,2 L-1,2 V-1,2,7,8,9.***

- **ELEVATOR CONSTRUCTORS**

Install, erect, maintenance and repair of all types of elevators, escalators, dumb waiters and moving walks. **License required by Connecticut General Statutes: R-1,2,5,6.*

- **FORK LIFT OPERATOR**

Laborers Group 4) Mason Tenders - operates forklift solely to assist a mason to a maximum height of nine (9) feet only.

Power Equipment Operator Group 9 - operates forklift to assist any trade, and to assist a mason to a height over nine (9) feet.

- **GLAZIERS**

Glazing wood and metal sash, doors, partitions, and 2 story aluminum storefronts. Installs glass windows, skylights, store fronts and display cases or surfaces such as building fronts, interior walls, ceilings and table tops and metal store fronts. Installation of aluminum window walls and curtain walls is the "joint" work of glaziers and ironworkers, which require equal composite workforce.

- **IRONWORKERS**

Erection, installation and placement of structural steel, precast concrete, miscellaneous iron, ornamental iron, metal curtain wall, rigging and reinforcing steel. Handling, sorting, and installation of reinforcing steel (rebar). Metal bridge rail (traffic), metal bridge handrail, and decorative security fence installation. Installation of aluminum window walls and curtain walls is the "joint" work of glaziers and ironworkers which require equal composite workforce.

- **INSULATOR**

- Installing fire stopping systems/materials for "Penetration Firestop Systems": transit to cables, electrical conduits, insulated pipes, sprinkler pipe penetrations, ductwork behind radiation, electrical cable trays, fire rated pipe penetrations, natural polypropylene, HVAC ducts, plumbing bare metal, telephone and communication wires, and boiler room ceilings.

- **LABORERS**

Acetylene burners, asphalt rakers, chain saw operators, concrete and power buggy operator, concrete saw operator, fence and guard rail erector (except metal bridge rail (traffic), decorative security fence (non-metal)).

installation.), hand operated concrete vibrator operator, mason tenders, pipelayers (installation of storm drainage or sewage lines on the street only), pneumatic drill operator, pneumatic gas and electric drill operator, powermen and wagon drill operator, air track operator, block paver, curb setters, blasters, concrete spreaders.

- **PAINTERS**

Maintenance, preparation, cleaning, blasting (water and sand, etc.), painting or application of any protective coatings of every description on all bridges and appurtenances of highways, roadways, and railroads. Painting, decorating, hardwood finishing, paper hanging, sign writing, scenic art work and drywall hhg for any and all types of building and residential work.

- **LEAD PAINT REMOVAL**

- Painter's Rate

1. Removal of lead paint from bridges.
2. Removal of lead paint as preparation of any surface to be repainted.
3. Where removal is on a Demolition project prior to reconstruction.

- Laborer's Rate

1. Removal of lead paint from any surface NOT to be repainted.
2. Where removal is on a *TOTAL* Demolition project only.

- **PLUMBERS AND PIPEFITTERS**

Installation, repair, replacement, alteration or maintenance of all plumbing, heating, cooling and piping. **License required per Connecticut General Statutes: P-1,2,6,7,8,9 J-1,2,3,4 SP-1,2 S-1,2,3,4,5,6,7,8 B-1,2,3,4 D-1,2,3,4.*

- **POWER EQUIPMENT OPERATORS**

Operates several types of power construction equipment such as compressors, pumps, hoists, derricks, cranes, shovels, tractors, scrapers or motor graders, etc. Repairs and maintains equipment. **License required, crane operators only, per Connecticut General Statutes.*

- **ROOFERS**

Covers roofs with composition shingles or sheets, wood shingles, slate or asphalt and gravel to waterproof roofs, including preparation of surface. (demolition or removal of any type of roofing and or clean-up of any and all areas where a roof is to be relaid.)

- **SHEETMETAL WORKERS**

Fabricate, assemble, install and repair sheetmetal products and equipment in such areas as ventilation, air-conditioning, warm air heating, restaurant equipment, architectural sheet metal work, sheetmetal roofing, and aluminum gutters. Fabrication, handling, assembling, erecting, altering, repairing, etc. of coated metal material panels and composite metal material panels when used on building exteriors and interiors as soffits, fascia, louvers, partitions, canopies, cornice, column covers, awnings, beam covers, cladding, sun shades, lighting troughs, spires, ornamental roofing, metal ceilings, mansards, copings, ornamental and ventilation hoods, vertical and horizontal siding panels, trim, etc. The sheet metal classification also applies to the vast variety of coated metal material panels and composite metal material panels that have evolved over the years as an alternative to conventional ferrous and non-ferrous metals like steel, iron, tin, copper, brass, bronze, aluminum, etc. Fabrication, handling, assembling, erecting, altering, repairing, etc. of architectural metal roof, standing seam roof, composite metal roof, metal and composite bathroom/toilet partitions, aluminum gutters, metal and composite lockers and shelving, kitchen equipment, and walk-in coolers. To include testing and air –balancing ancillary to installation and construction.

- **SPRINKLER FITTERS**

Installation, alteration, maintenance and repair of fire protection sprinkler systems.

****License required per Connecticut General Statutes: F-1,2,3,4.***

- **TILE MARBLE AND TERRAZZO FINISHERS**

Assists and tends the tile setter, marble mason and terrazzo worker in the performance of their duties.

- **TRUCK DRIVERS**

~How to pay truck drivers delivering asphalt is under REVISION~

Truck Drivers are required to be paid prevailing wage for time spent "working" directly on the site. These drivers remain covered by the prevailing wage for any time spent transporting between the actual construction location and facilities (such as fabrication, plants, mobile factories, batch plant, borrow pits, job headquarters, tool yards, etc.) dedicated exclusively, or nearly so, to performance of the contract or project, which are so located in proximity to the actual construction location that it is reasonable to include them. ****License required, drivers only, per Connecticut General Statutes.***

For example:

- Material men and deliverymen are not covered under prevailing wage as long as they are not directly involved in the construction process. If, they unload the material, they would then be covered by prevailing wage for the classification they are performing work in: laborer, equipment operator, etc.
- Hauling material off site is not covered provided they are not dumping it at a location outlined above.
- Driving a truck on site and moving equipment or materials on site would be considered covered work, as this is part of the construction process.

➤ *Any questions regarding the proper classification should be directed to:*
Public Contract Compliance Unit
Wage and Workplace Standards Division
Connecticut Department of Labor
200 Folly Brook Blvd, Wethersfield, CT 06109
(860) 263-6790.

Wind Resiliency Project

Greater New Haven Water Pollution Control Authority

Pre-Bid Meeting
10:00 A.M., August 27, 2025

Delivering a better world

AGENDA

Introductions

Bidding Requirements

Schedule

Payment

Permits

Project Scope Review

Questions

Administration Building – 260 East Main Street



Garage Building – 345 East Shore Parkway



Generator Building – 345 East Shore Parkway



Inlet Works Building – 345 East Shore Parkway



Maintenance Building – 345 East Shore Parkway



Operations Building – 345 East Shore Parkway



Substation No. 2 Building – 345 East Shore Parkway



Substation No. 3 Building – 345 East Shore Parkway



Questions













SECTION 07 53 10

EPDM SINGLE-PLY MEMBRANE ROOFING

PART 1 – GENERAL

1.01 DESCRIPTION:

- A. Verify that existence of hazardous materials involved in materials to be removed have been investigated and remediated in accordance with applicable regulations.
- B. Remove and dispose of existing roof membrane, insulation, flashing copings, facias and associated roof mounted items and prepare substrate to receive roofing materials including roof insulation, roof membrane, roof flashing and metal edge treatment.
- C. Provide EPDM single-ply membrane roofing and accessories as indicated and specified including the following:
 - 1. Adhered membrane roofing.
 - 2. Walkway pads
 - 3. Air/vapor retarder
 - 4. Roof insulation
 - 5. Roof Expansion Joint Covers

1.03 REFERENCE STANDARDS:

- A. ASTM International (ASTM):
 - 1. ASTM C36 - Standard Specification for Gypsum Wall Board.
 - 2. ASTM C578 - Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation.
 - 3. ASTM C728 - Standard Specification for Perlite Thermal Insulation Boards.
 - 4. ASTM C1177 - Standard Specification for Glass Mat Gypsum Substrate for use as Sheeting.
 - 5. ASTM C1289 - Standard Specification for Faced Rigid Cellular Polysocyanurate Thermal Insulation Board.

6. ASTM D448 – Standard Classification for Sizes of Aggregate for Road and Bridge Construction.
7. ASTM D4397 – Standard Specification for Polyethelene Sheeting for Construction, Industrial, and Agricultural Applications.
8. ASTM D4637 – Standard Specification for EPDM Sheet Used in Single-Ply Roof Membrane.

B. Factory Mutual (FM)

1. FM 4450 – Approval Standard for Class I Insulated Steel Deck Roofs.
2. FM 4470 – Approval Standard for Class I Roof Covers

C. Underwriters Laboratories (UL)

1. UL 1256 – UL Standard for Safety Fire Test of Roof Deck Constructions.

D. Sheet Metal and Air Conditioning Contractor's National Association (SMACNA).

E. SPR1:

1. Wind Design Guide for Adhered Roofing Systems

F. Where reference is made to one of the above standards, the revision in effect at the time of bid opening shall apply.

1.04 SUBMITTALS

A. Submit the following in accordance with Section 01300:

1. Product Data: For each type of roofing product specified. Include data substantiating that materials comply with requirements.
2. Shop Drawings: Include plans, sections, and details of the following:
 - a. Base flashings and membrane terminations.
 - b. Tapered insulation, including slopes.
3. Samples for Verification: Of the following products:
 - a. 3-by-3-inch square of sheet roofing, of color specified, including T-shaped side and end lap seam.

- b. Full-size concrete roof paver in each color and texture required.
- 4. Installer Certificates: Signed by roofing system manufacturer certifying that Installer is approved, authorized, or licensed by manufacturer to install specified roofing system.
- 5. For information purposes only, submit manufacturer's printed installation instructions for the entire roof system specified.
- 6. Manufacturer Certificates: Signed by roofing manufacturer certifying that the roofing system complies with requirements specified in the "Performance Requirements" Article. Upon request, submit evidence of meeting requirements.
- 7. Qualification Data: For firms and persons specified in the "Quality Assurance" Article to demonstrate their capabilities and experience. Include lists of five (5) completed projects with project names and addresses, within the past three (3) years.
- 8. Maintenance Data: For roofing system in accordance with the maintenance manuals.
- 9. Warranty: Sample copy of standard roofing system manufacturer's warranty stating obligations, remedies, limitations, and exclusions of warranty.

1.05 QUALITY ASSURANCE:

- A. Provide in accordance with the applicable Division 1 requirements and as specified.
- B. Installer Qualifications: Engage an experienced installer to perform work of this Section who has specialized in installing roofing similar to that required for this Project and who is approved, authorized, or licensed by the roofing system manufacturer to install manufacturer's product.
- C. Preinstallation Conference: Before installing roofing system, conduct conference at Project site to comply with requirements of Section 01200. Notify participants at least 5 working days before conference.
 - 1. Meet with Owner; Engineer; roofing Installer; roofing system manufacturer's representative; deck installer; and installers whose work interfaces with or affects roofing, including installers of roof accessories and roof-mounted equipment.
 - 2. Review methods and procedures related to roofing installation, including manufacturer's written instructions.

3. Examine deck substrate conditions and finishes for compliance with requirements, including flatness and fastening.
4. Review loading limitations of deck during and after roofing.
5. Review flashings, special roofing details, roof drainage, roof penetrations, equipment curbs, and condition of other construction that will affect roofing.
6. Review temporary protection requirements for roofing system during and after installation.
7. Review roof observation and repair procedures after roofing installation.
8. Document proceedings, including corrective measures or actions required, and furnish copy of record to each participant.

1.06 DELIVERY, STORAGE, AND HANDLING:

- A. Provide in accordance with Section 01610 and as specified.
- B. Deliver roofing materials to Project site in original containers with seals unbroken and labeled with manufacturer's name, product brand name and type, date of manufacture, and directions for storing and mixing with other components.
- C. Store liquid materials in their original undamaged containers in a clean, dry, protected location and within the temperature range required by roofing system manufacturer. Protect stored liquid material from direct sunlight.
 1. Discard and legally dispose of liquid material that cannot be applied within its stated shelf life.
- D. Protect roof insulation materials from physical damage and from deterioration by sunlight, moisture, soiling, and other sources. Store in a dry location. Comply with insulation manufacturer's written instructions for handling, storing, and protecting during installation.
- E. Handle and store roofing materials and place equipment in a manner to avoid permanent deflection of deck.

1.07 PERFORMANCE REQUIREMENTS:

- A. General: Install sheet membrane roofing and base flashing that are watertight; will not permit the passage of liquid water; and will withstand wind loads, thermally induced movement, and exposure to weather without failure.

- B. Material Compatibility: Provide roofing materials that are compatible with one another under conditions of service and application required, as demonstrated by roofing system manufacturer based on testing and field experience.
- C. FM Listing: Provide sheet membrane, base flashings, and component materials that meet requirements of FM 4450 and FM 4470 as part of a roofing system and that are listed in FM's "Approval Guide" for Class 1 or noncombustible construction, as applicable. Identify materials with FM markings.
 - 1. Roofing system shall comply with the following:
 - a. Fire/Windstorm Classification: Class 1A-150.
- D. Roofing System Design: Provide a roofing system that complies with roofing system manufacturer's written design instructions and with the following:
 - 1. SPRI's "Wind Desing Standard Procedure for Non-Ballasted Roofing Assemblies (2025 Edition)."
 - 2. ANSI/SPRI WD-1, " Wind Desing Standard Procedure for Non-Ballasted Roofing Assemblies."
 - a. Exposure Category: Exposure D.

1.08 PROJECT CONDITIONS:

- A. Weather Limitations: Proceed with roofing work only when existing and forecasted weather conditions permit roofing to be installed according to manufacturers' written instructions and warranty requirements.

1.09 WARRANTY:

- A. General Warranty: The warranties specified in this Article shall not deprive the Owner of other rights the Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by the Contractor under requirements of the Contract Documents.
- B. Standard Roofing Manufacturer's Warranty: Submit a written warranty, without monetary limitation, signed by roofing system manufacturer agreeing to promptly repair leaks resulting from defects in materials or workmanship for the following warranty period:
 - 1. Warranty Period: 15 years, total system warranty.

PART 2 – PRODUCTS

2.01 EPDM SHEET AND AUXILIARY MATERIALS:

- A. EPDM Sheet: Uniform, flexible sheet formed from a terpolymer of ethylene-propylene-diene, complying with ASTM D 4637, Type II, of the following grade, class, thickness, backing, and exposed face color:
 - 1. Grade and Class: Grade 1 or 2 and Class SR, scrim or fabric internal reinforced.
 - 2. Thickness: 60 mils (1.5 mm), nominal.
 - 3. Color: Black
- B. Auxilliary Materials: Furnish auxiliary materials recommended by roofing system manufacturer for intended use and compatible with EPDM membrane roofing. Furnish liquid-type auxiliary materials that meet VOC limits of authorities having jurisdiction.
 - 1. Sheet Flashing: 60-mil- thick EPDM, uncured or cured, according to application.
 - 2. Bonding Adhesive: Manufacturer's standard bonding adhesive.
 - 3. Splice Adhesive and Cleaner: Single-component butyl splicing adhesive and solvent-based splice cleaner.
 - 4. Splice Primer and Tape: Manufacturer's standard synthetic rubber polymer primer and 6-inch wide minimum, butyl splice tape with release film.
 - 5. Lap Sealant: Manufacturer's standard single-component sealant.
 - 6. Water Cutoff Mastic: Manufacturer's standard butyl mastic sealant.
 - 7. Metal Termination Bars: Manufacturer's standard aluminum bars, approximately 1 inch wide, roll formed and prepunched.
 - 8. Metal Battens: Manufacturer's standard aluminum-zinc-alloy-coated or zinc-coated steel sheet, approximately 1 inch wide by 0.05 inch thick, prepunched.
 - 9. Fasteners: Factory-coated steel fasteners and metal or plastic plates meeting corrosion-resistance provisions of FM 4470, designed for fastening sheet to substrate, and acceptable to roofing system manufacturer.
 - 10. Miscellaneous Accessories: Provide pourable sealers, preformed cone and vent sheet flashings, preformed inside and outside corner sheet flashings, T-joint covers, in-seam sealants, termination reglets, and other accessories recommended by roofing system manufacturer for intended use.

C. Manufacturers:

1. Carlisle Syntec Systems; Carlisle Corp.
2. Elevate.
3. Versico, Inc.
4. Or acceptable equivalent product.

~~2.02 THERMAL BARRIER:~~

~~A. Thermal Barrier: Glass mat, water resistant gypsum board, ASTM C 1177, of type and thickness indicated below:~~

- ~~1. Type and Thickness: Type X, 5/8 inch.~~
- ~~2. Product: Subject to compliance with requirements, provide "Dens-Deck" manufactured by Georgia Pacific Corp. or "StrataGuard" by Owens Corning.~~

~~B. Fasteners: Factory coated steel fasteners and metal or plastic plates meeting corrosion-resistance provisions of FM 4470, designed for fastening thermal barrier to substrate.~~

2.03 AIR/VAPOR RETARDER:

A. Polyethylene Air/Vapor Retarder: ASTM D 4397, 6 mils thick, minimum, with maximum permeance rating of 0.13 perm.

1. Air/Vapor-Retarder Tape: Pressure-sensitive tape of type recommended by vapor retarder manufacturer for sealing joints and penetrations in vapor retarder.
2. Adhesive: Manufacturer's standard roofing adhesive, FM approved air/vapor-retarder application.

2.04 INSULATION MATERIALS:

A. General: Provide preformed roof insulation boards that comply with requirements, selected from manufacturer's standard sizes and of thicknesses indicated.

1. Provide preformed, tapered insulation boards where indicated for sloping to drain. Fabricate with the following taper:
 - a. 1/4 inch per 12 inches (1:48), unless otherwise indicated.

2. Provide preformed saddles, crickets, tapered edge strips, and other insulation shapes where indicated for sloping to drain. Fabricate to slopes indicated.
- B. Polyisocyanurate Board Insulation: Rigid, cellular polyisocyanurate thermal insulation with core formed by using HCFCs as blowing agents to comply with ASTM C 1289, classified by facer type as follows:
1. Facer Type: Type II, felt or glass-fiber mat on both major surfaces.
 2. Manufacturers:
 - a. Celotex Corp. (The).
 - b. Hunter Panels.
 - c. NRG Barriers, Inc.
 - d. Or acceptable equivalent product.

2.05 INSULATION ACCESSORIES:

- A. General: Provide roof insulation accessories recommended by insulation manufacturer for intended use and compatible with sheet roofing material.
- B. Fasteners: Factory-coated steel fasteners and metal or plastic plates meeting corrosion-resistance provisions of FM 4470, designed for fastening roof insulation to substrate, and acceptable to roofing system manufacturer.
- C. Protection Mat: Woven or nonwoven polypropylene, polyolefin, or polyester fabric mat, water permeable and resistant to ultraviolet degradation, type and weight as recommended by roofing system manufacturer for application.

2.06 OVERLAYMENT BOARDS:

- A. General: Provide overlayment boards as indicated and as specified.
 1. Type:
 - a. StrataGuard gypsum (1/2")
 - b. Dens Deck primed gypsum (1/2")
 - c. H.P. Wood Fiberboard (1/2")
 - d. OSB (7/16")

2.07 WALKWAYS:

- B. Walkway Pads: Factory-formed, nonporous, heavy-duty, solid-rubber, slip-resisting, surface-textured walkway pads, approximately 3/16 inch thick, and acceptable to roofing system manufacturer.

2.08 EXPANSION JOINT COVERS:

- A. General: Provide flexible elastomeric membrane bellows as indicated and as specified.
- B. Provide flexible elastomeric membrane bellows with factory fabricated intersection for watertight seams compatible with roof systems.
- C. Products:
 - 1. Johns Manville – Expand-O-Flash® CF/EJ
 - 2. Nystrom – EJM-EWCF Roof Bellows System Expansion Joint Covers
 - 3. Portals Plus – Reinforced EPDM Expansion Joint Covers
 - 4. Or Equal.

PART 3 – EXECUTION

3.01 EXAMINATION:

- A. Examine substrates, areas, and conditions under which roofing will be applied, with Installer present, for compliance with requirements.
- B. Verify that installed roof materials will result in fully operational roof drains, overflow drains, roof vents, and existing mounted equipment.
- C. Verify that roof openings and penetrations are in place and set and braced and that roof drains are properly clamped into position.
- D. Verify that wood blocking, provided under Section 06200, is in place and secured and matches thicknesses of insulation required.
- E. Do not proceed with installation until after the minimum concrete curing period recommended by roofing system manufacturer.
- F. Do not proceed with installation until unsatisfactory conditions have been corrected.

3.02 PREPARATION:

- A. Clean substrate of dust, debris, and other substances detrimental to roofing installation according to roofing system manufacturer's written instructions. Remove sharp projections.
- B. Remove and dispose of All Existing:
 - 1. Surface Ballast
 - 2. Roof Membrane
 - 3. Insulation
 - 4. Protection Board
 - 5. Base Flashing
 - 6. Edge Materials
 - 7. Cants
 - 8. Walkways
 - 9. Non-Functional penetrations/curbs
 - 10. Vapor retarder
 - 11. Metal trim, counterflashing
- C. Remove and dispose of all roof materials in accordance with applicable safety and environmental regulations
- D. Prevent materials from entering and clogging roof drains and conductors and from spilling or migrating onto surfaces of other construction. Remove roof-drain plugs when no work

is taking place or when rain is forecast.

- E. Complete terminations and base flashings and provide temporary seals to prevent water from entering completed sections of the roofing system at the end of the workday or when rain is forecast. Remove and discard temporary seals before beginning work on adjoining roofing.
- F. **THERMAL BARRIER:**
Install thermal barrier with long joints in continuous straight lines, perpendicular to roof slopes with end joints staggered between rows. Tightly butt thermal-barrier boards together.
 - 1. Secure thermal barrier to top flanges of steel deck according to recommendations of FM's "Approval Guide" for specified Windstorm Resistance Classification.
- G. **AIR/VAPOR-RETARDER INSTALLATION:**
Completely seal vapor retarder at terminations, obstructions, and penetrations.

3.03 INSULATION INSTALLATION:

- A. Coordinate installing roofing system components so insulation is not exposed to precipitation or left exposed at the end of the workday.
- B. Comply with roofing system manufacturer's written instructions for installing roof insulation.
- C. Install tapered insulation under area of roofing to conform to slopes indicated and to Shop Drawings.
- D. Install one or more layers of insulation under area of roofing to achieve required thickness. Where over-all insulation thickness is 2 inches or greater, install required thickness in 2 or more layers with joints of each succeeding layer staggered from joints of previous layer a minimum of 6 inches in each direction.
- E. Trim surface of insulation where necessary at roof drains so completed surface is flush and does not restrict flow of water.
- F. Install insulation with long joints of insulation in a continuous straight line with end joints staggered between rows, abutting edges and ends between boards. Fill gaps exceeding 1/4 inch (6 mm) with insulation.
 - 1. Cut and fit insulation within 1/4 inch (6 mm) of blocking, projections, and penetrations.
- G. **Attached Insulation:** Install each layer of insulation and secure to deck using mechanical

fasteners specifically designed and sized for fastening specified board-type roof insulation to deck type indicated.

1. Fasten insulation according to requirements of FM's "Approval Guide" for specified windstorm Resistance Classification and the classification and the insulation and roofing system manufacturer's written instructions.

3.04 ADHERED MEMBRANE INSTALLATION:

- A. Install EPDM sheet over area to receive roofing according to roofing system manufacturer's written instructions. Unroll sheet and allow to relax for a minimum of 30 minutes.
- B. Accurately align sheets and maintain uniform side and end laps of minimum dimensions required by manufacturer. Stagger end laps.
- C. Apply bonding adhesive to substrate and underside of sheet at rate required by manufacturer and allow to partially dry. Do not apply bonding adhesive to splice area of sheet.
- D. Mechanically or adhesively fasten sheet securely at terminations and perimeter of roofing.
- E. Apply roofing sheet with side laps shingled with slope of roof deck where possible.
- F. Spread sealant or mastic bed over deck drain flange at deck drains and securely seal roofing sheet in place with clamping ring.
- G. Install adhered EPDM sheet and auxiliary materials to tie in to existing roofing.

3.05 SEAM INSTALLATION:

- A. Clean both faces of splice areas, apply splicing cement, and firmly roll side and end laps of overlapping sheets according to manufacturer's written instructions to ensure a watertight seam installation. Apply lap sealant and seal exposed edges of sheet terminations.
- B. Clean and prime both faces of splice areas, apply splice tape, and firmly roll side and end laps of overlap-ping sheets according to manufacturer's written instructions to ensure a watertight seam installation. Apply lap sealant and seal exposed edges of sheet terminations.
- C. Repair tears, voids, and lapped seams in roofing that does not meet requirements.

3.06 FLASHING INSTALLATION:

- A. Install sheet flashings and preformed flashing accessories and adhere to substrates according to roofing system manufacturer's written instructions.
- B. Apply bonding adhesive to substrate and underside of flashing sheet at required rate and allow to partially dry. Do not apply bonding adhesive to seam area of flashing.
- C. Flash penetrations and field-formed inside and outside corners with cured or uncured sheet flashing as recommended by manufacturer.
- D. Clean splice areas, apply splicing cement, and firmly roll side and end laps of overlapping sheets according to manufacturer's written instructions to ensure a watertight seam installation. Apply lap sealant and seal exposed edges of sheet flashing terminations.
- E. Terminate and seal top of sheet flashings and mechanically anchor to substrate through termination bars.

3.07 EXPANSION JOINT INSTALLATION:

- A. Expansion Joints: Install products in the locations indicated. Follow manufacture installation instructions for preparation of curb substrates and attachment of products to substrate with compatible adhesive according to roofing system manufacturer's written instructions.

3.08 WALKWAY INSTALLATION:

- B. Walkways: Install walkway products in locations indicated. Adhere walkway products to substrate with compatible adhesive according to roofing system manufacturer's written instructions.

3.12 FIELD QUALITY CONTROL:

- A. Final Roof Inspection: Arrange for roofing system manufacturer's technical personnel to inspect roofing installation on completion and submit report to Engineer.

- 1. Notify Engineer or Owner 48 hours in advance of the date and time of inspection.

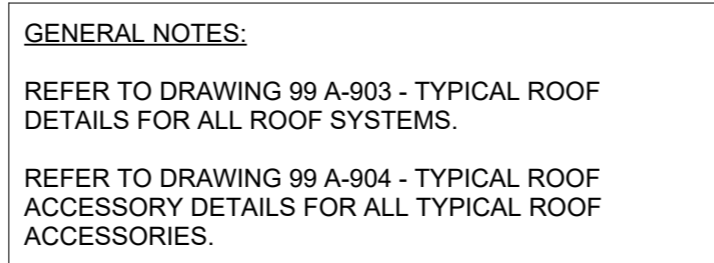
3.13 PROTECTING AND CLEANING:

- A. Protect sheet membrane roofing from damage and wear during remainder of construction period. When remaining construction will not affect or endanger roofing, inspect roofing for deterioration and damage, describing its nature and extent in a written report, with copies to Engineer and Owner.
- B. Correct deficiencies in or remove roofing that does not comply with requirements, repair substrates, reinstall roofing, and repair sheet flashings to a condition free of damage and deterioration at the time of Substantial Completion and according to warranty

requirements.

- C. Clean overspray and spillage from adjacent construction using cleaning agents and procedures recommended by manufacturer of affected construction.

END OF SECTION

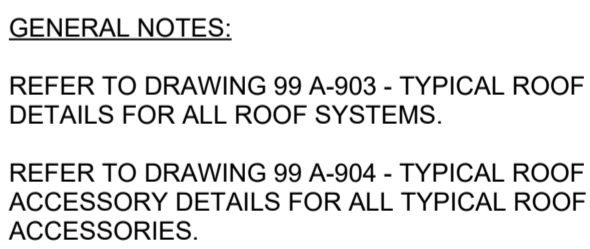


CHANGE # & DESCRIPTION	
#	DESCRIPTION
1	ADDENDUM #1
Designed By:	M.PICONE
Drawn By:	M.PICONE
Dept Check:	K.COLLINS
Proj Check:	T.LUTO
Date:	AUG 2025
Scale:	1/4" = 1'-0"

OWNER: Greater New Haven Water Pollution Control Authority
345 East Shore Parkway
New Haven, CT 06512
Phone: 203.466.5280
Fax: 203.466.5286

AECOM
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067
WWW.AECOM.COM

SHEET TITLE
PROJ. # 60722035
SHEET # **CS-101**



100% SUBMITTAL

[illegible]

PROJECT:	GNHWPCA - Wind Resiliency
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OWNER: Greater New Haven Water Pollution Control Authority

345 East Shore Parkway
New Haven, CT 06512
Phone: 203.466.5280
Fax: 203.466.5286

**Inlet Works Building Chem Room Roof Plan - 345
East Shore Pkwy**



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REGISTRATION



SHEET TITLE

PROJ. #	60722035
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SHEET # IW-102

ROOF PLAN KEY FOR ELEVATION DRAWINGS AND WINDOW PLAN

Scale: 3/16" = 1'-0"

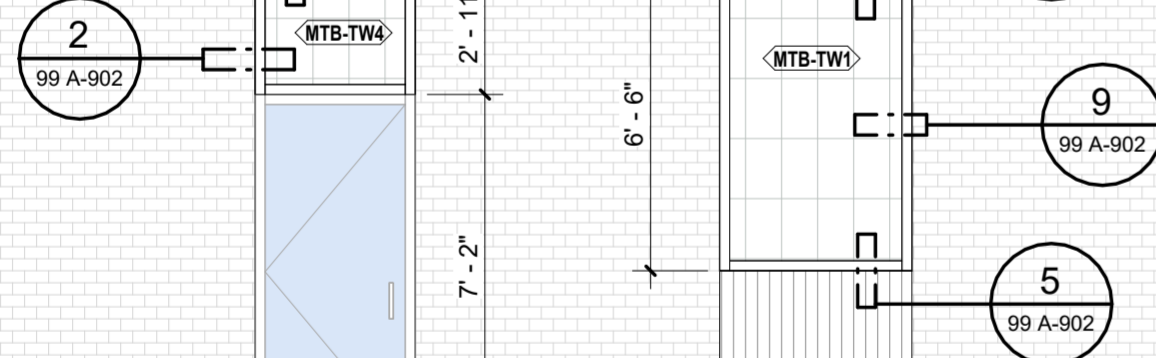
EXISTING BRICK MASONRY



MTB-202



MTB-202



MTB-202



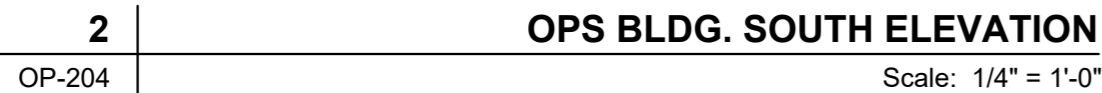
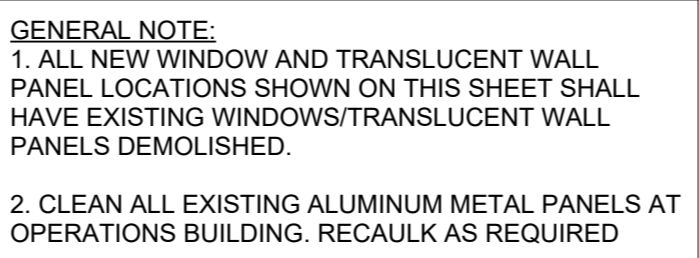
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CHANGE # & DESCRIPTION	
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Designed By:	M.PICONE
Drawn By:	A.QUINN
Dept Check:	K.COLLINS
Proj Check:	T.LOTO
Date:	AUG 2025
Scale:	As indicated

AECOM
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067
WWW.AECOM.COM

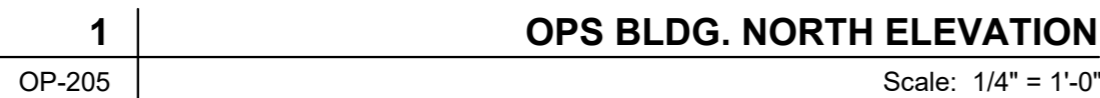
SHEET TITLE



CHANGE # & DESCRIPTION	
#	DESCRIPTION
1	ADDENDUM #1
Designed By:	M.PICONE
Drawn By:	A.QUINN
Dept Check:	K.COLLINS
Proj Check:	Approver
Date:	AUG 2025
Scale:	As indicated

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SHEET TITLE
PROJ. # 60722035
SHEET # **OP-204**

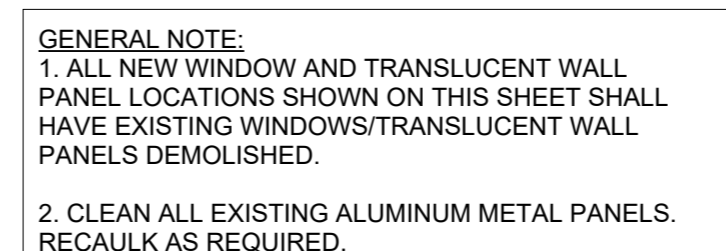


100% SUBMITTAL

PATHFILENAME: Autodesk Docs/CI-AMER(US)-60722035-GNHWPCA_Wind Resiliency/GNHWPCA -
 60722035
 LAST UPDATE: 9/8/2025 1:50:41 PM
 PLOT DATE: 9/8/2025 1:50:41 PM

1" HURRICANE RESISTANT LAMINATED
TEMPERED GLASS

EXISTING BRICK MASONRY



GENERAL NOTE:

1. ALL NEW WINDOW AND TRANSLUCENT WALL PANEL LOCATIONS SHOWN ON THIS SHEET SHALL HAVE EXISTING WINDOWS/TRANSLUCENT WALL PANELS DEMOLISHED.

2. CLEAN ALL EXISTING ALUMINUM METAL PANELS. RECAULK AS REQUIRED.



CHANGE # & DESCRIPTION	
#	DESCRIPTION
1	ADDENDUM #1
Designed By:	M.PICONE
Drawn By:	M.PICONE
Dept Check:	K.COLLINS
Proj Check:	T.LOTO
Date:	AUG 2025
Scale:	As indicated

OWNER:	Greater New Haven Water Pollution Control Authority 345 East Shore Parkway New Haven, CT 06512 Phone: 203.466.5280 Fax: 203.466.5286
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500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067
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SHEET TITLE
PROJ. # 60722035
SHEET # **SS2-201**



CHANGE # & DESCRIPTION	
#	DESCRIPTION
1	ADDENDUM #1
Designed By:	M.PICONE
Drawn By:	M.PICONE
Dept Check:	K.COLLINS
Proj Check:	T.LOTO
Date:	AUG 2025
Scale:	1/8" = 1'-0"

PROJECT: GNHWPCA - Wind Resiliency

OWNER: Greater New Haven Water Pollution Control Authority

345 East Shore Parkway
New Haven, CT 06512
Phone: 203.466.5280
Fax: 203.466.5286

Substation No. 3 Building Floor Plan - 345 East Shore Pkwy



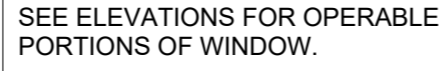
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067
WWW.AFCOM.COM



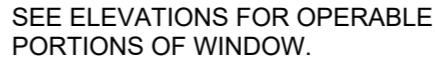
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PROJ. # 60722035
SHEET # **SS3-101**



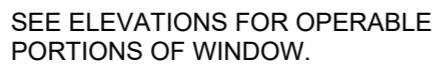
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99 A-902	Scale: 1 1/2" = 1'-0"



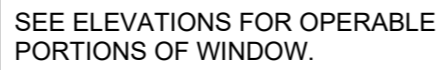
4	TYPICAL WINDOW AT METAL PANEL - HEAD DETAIL
99 A-902	Scale: 1 1/2" = 1'-0"



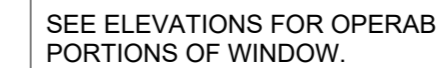
1	TYPICAL WINDOW IN BRICK CAVITY WALL - HEAD
99 A-902	Scale: 1 1/2" = 1'-0"



8	CAVITY WALL - JAMB DETAIL
99 A-902	Scale: 1 1/2" = 1'-0"



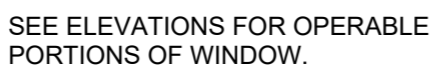
5	TYPICAL WINDOW AT METAL PANEL - SILL DETAIL
99 A-902	Scale: 1 1/2" = 1'-0"



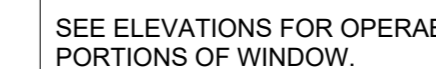
2	TYPICAL WINDOW IN BRICK CAVITY WALL - JAMB
99 A-902	Scale: 1 1/2" = 1'-0"



9	PANEL - SILL DETAIL
99 A-902	Scale: 1 1/2" = 1'-0"



6	CAVITY WALL - SILL DETAIL
99 A-902	Scale: 1 1/2" = 1'-0"



3	TYPICAL WINDOW IN BRICK CAVITY WALL - SILL
99 A-902	Scale: 1 1/2" = 1'-0"


CHANGE # & DESCRIPTION	
#	DESCRIPTION
1	ADDENDUM #1
Designed By:	M.PICONE
Drawn By:	M.PICONE
Dept Check:	K.COLLINS
Proj Check:	T.LOTO
Date:	AUG 2025
Scale:	1 1/2" = 1'-0"

AECOM
500 ENTERPRISE DRIVE, SUITE 1A
ROCKY HILL, CT 06067
WWW.AECOM.COM



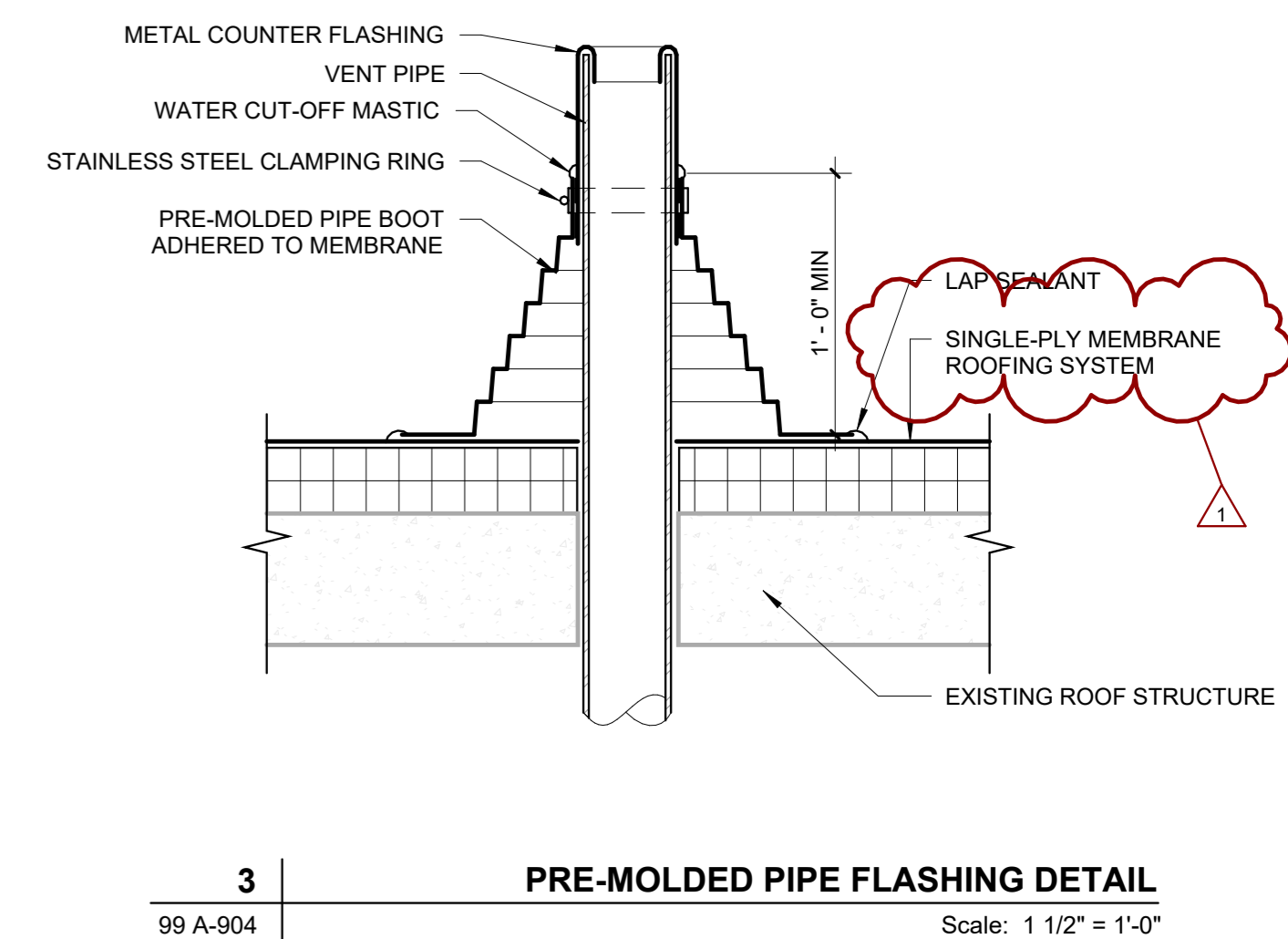
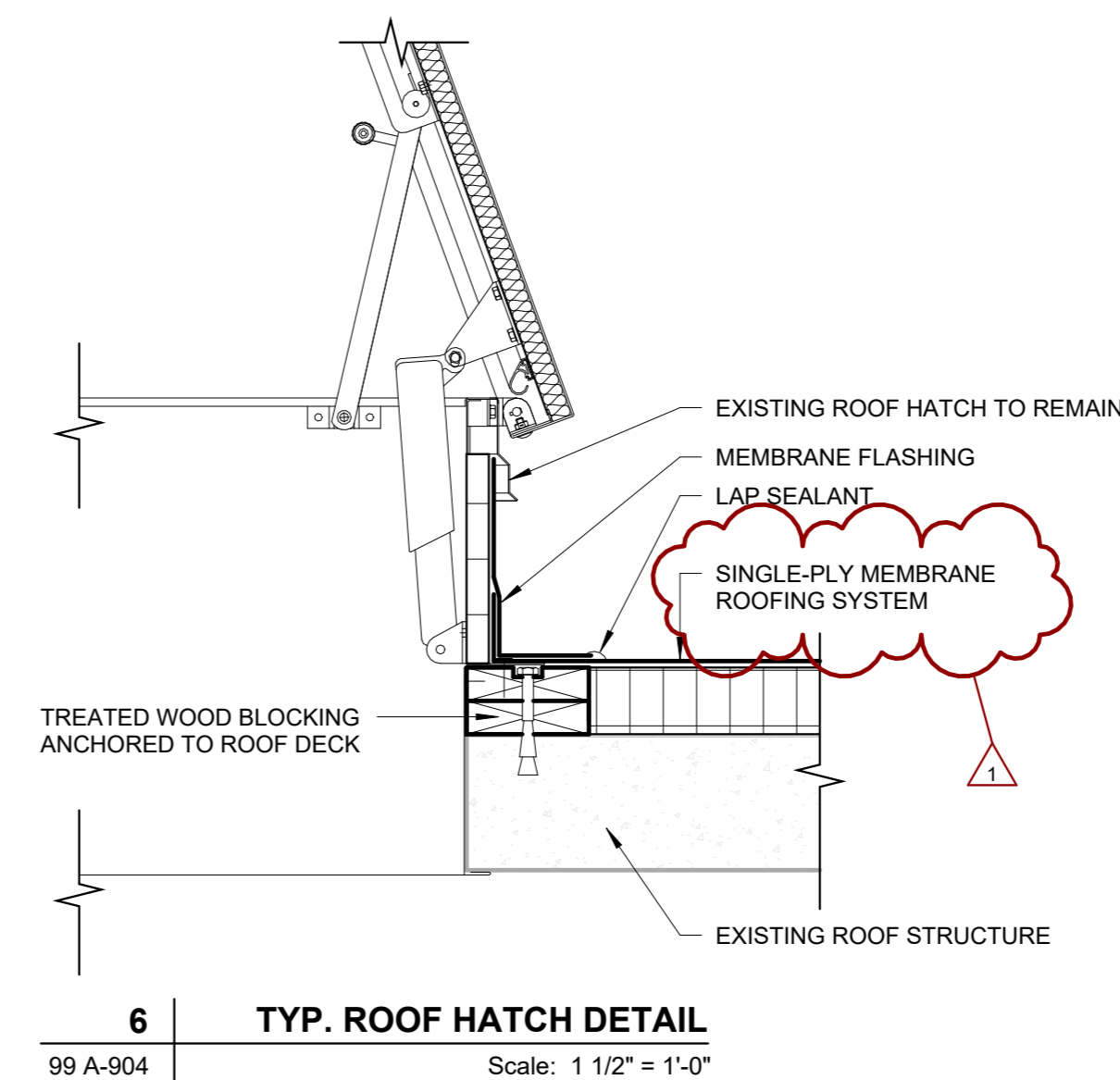
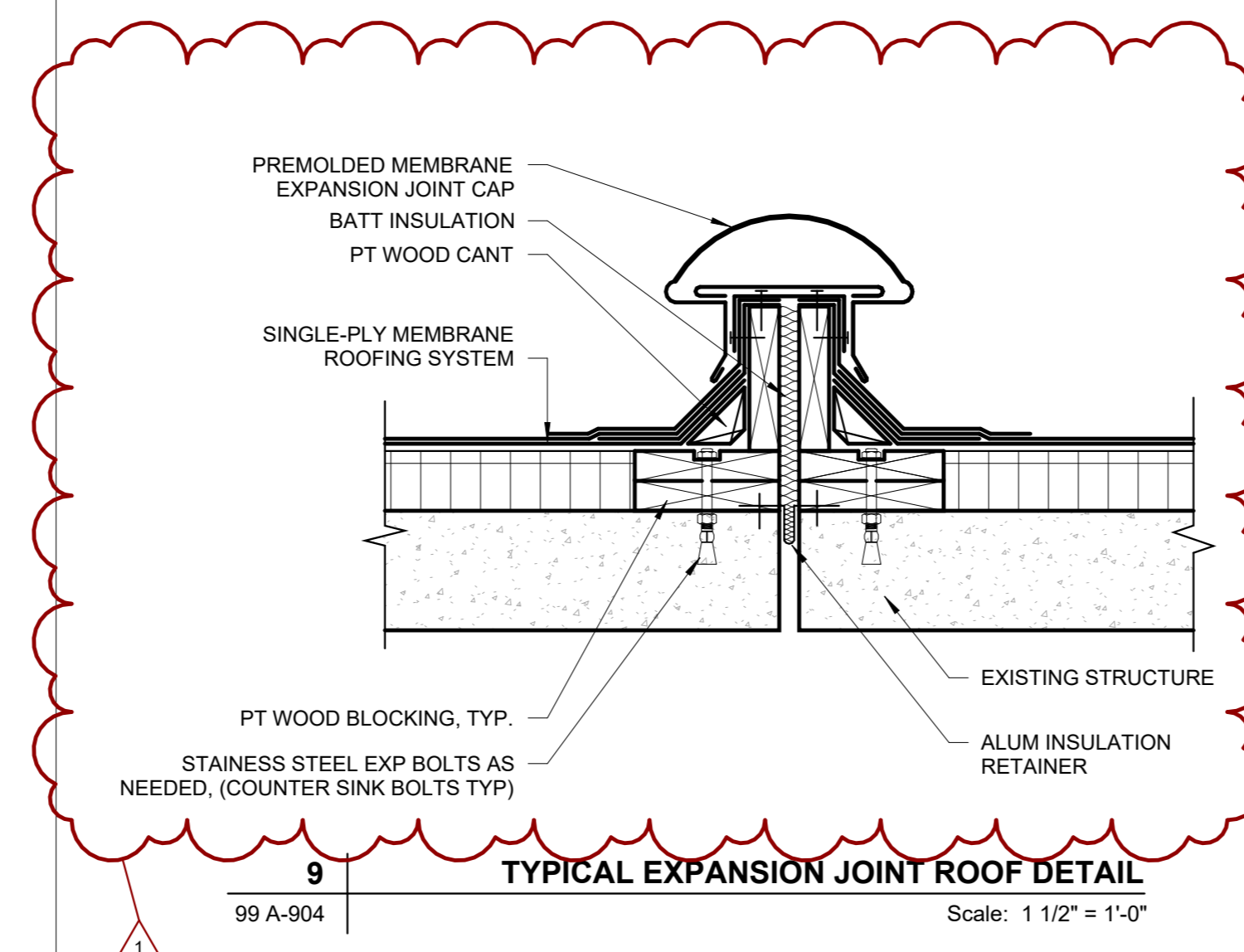
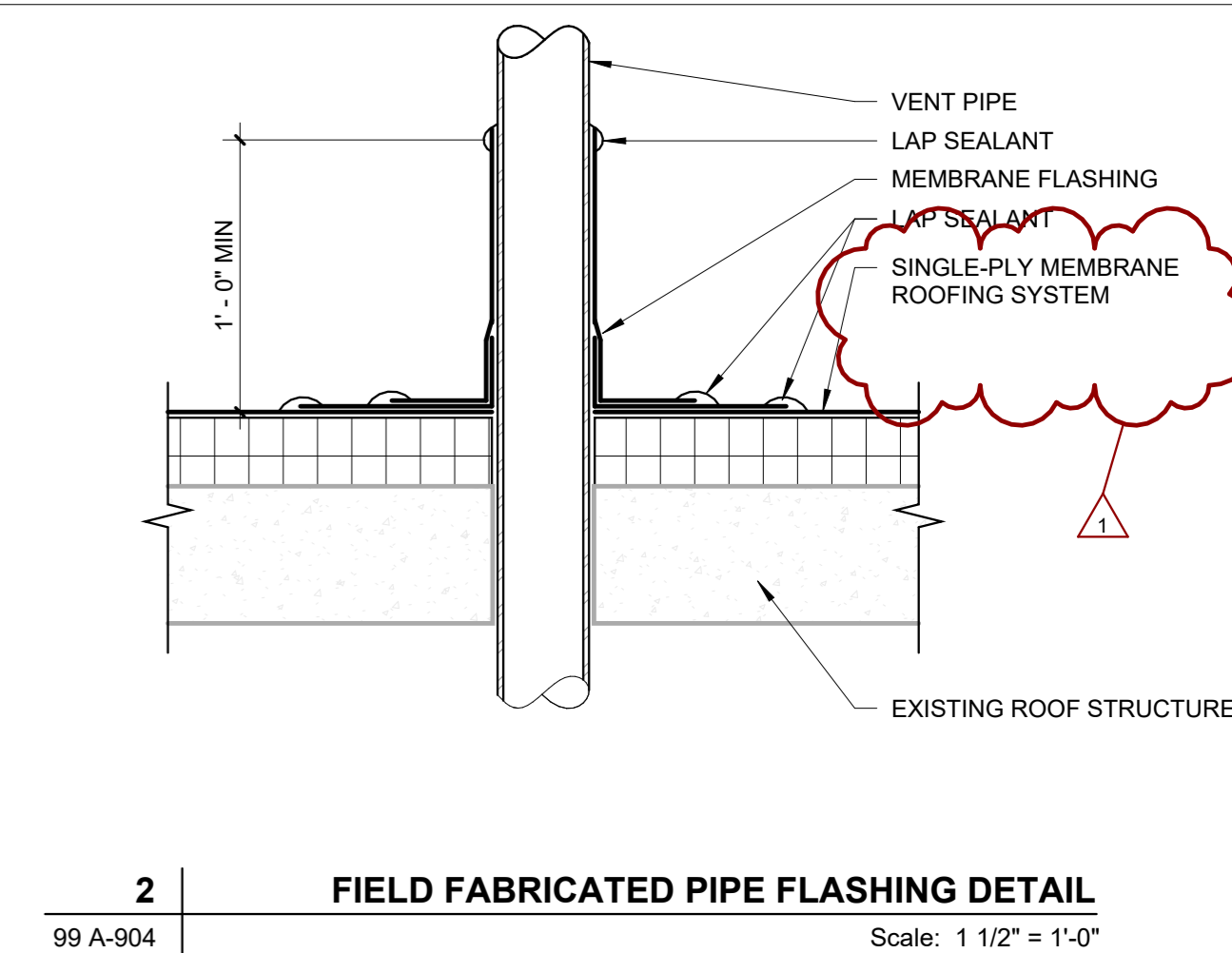
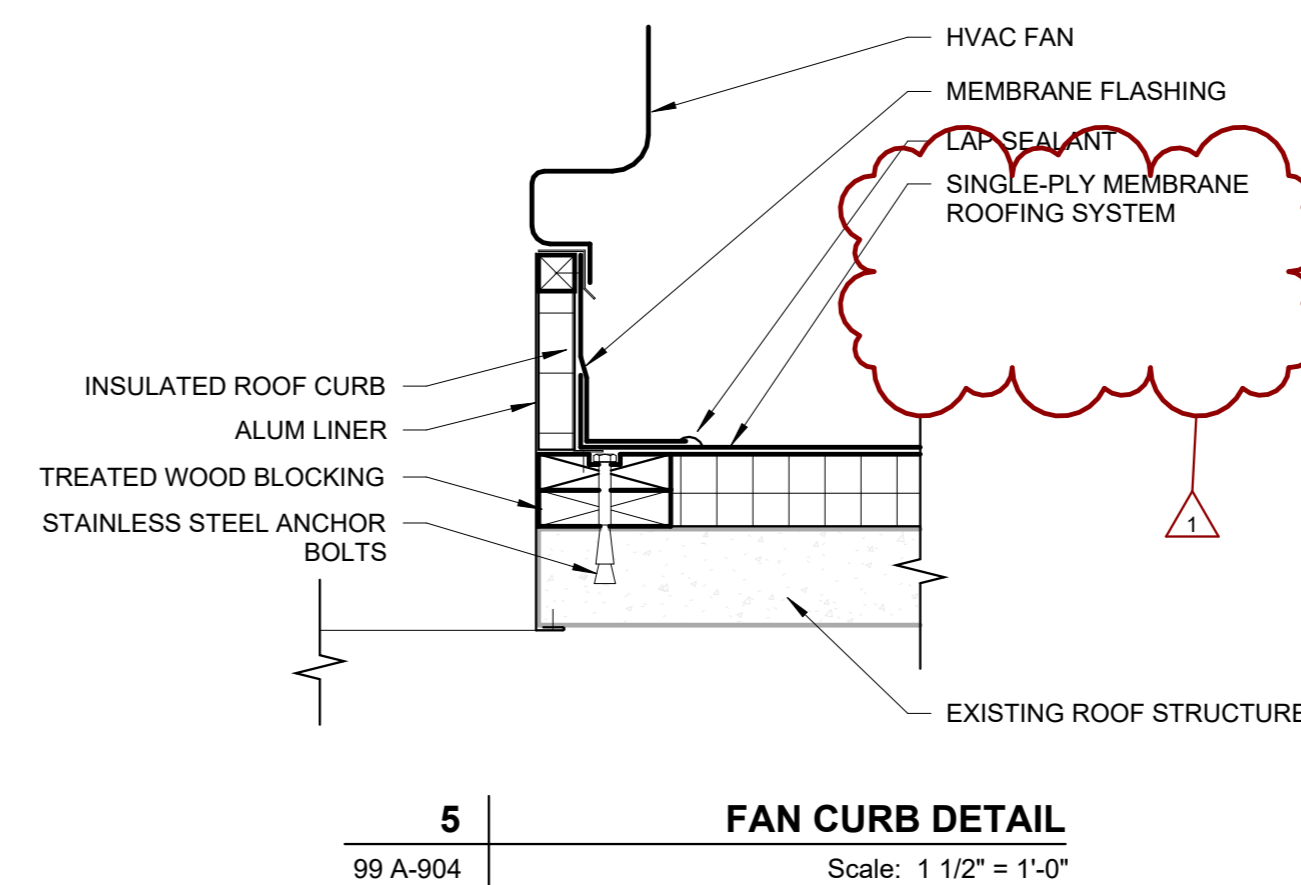
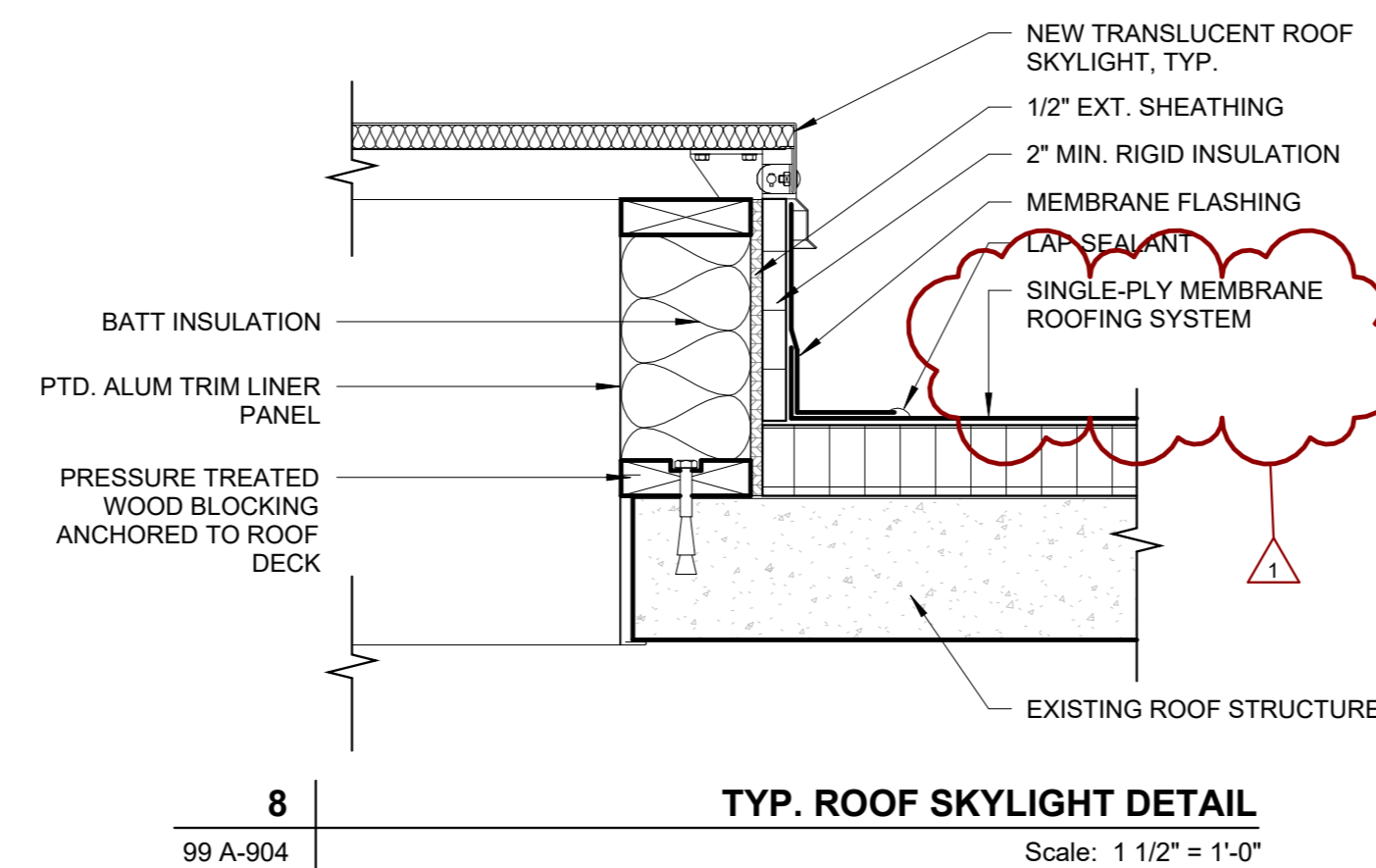
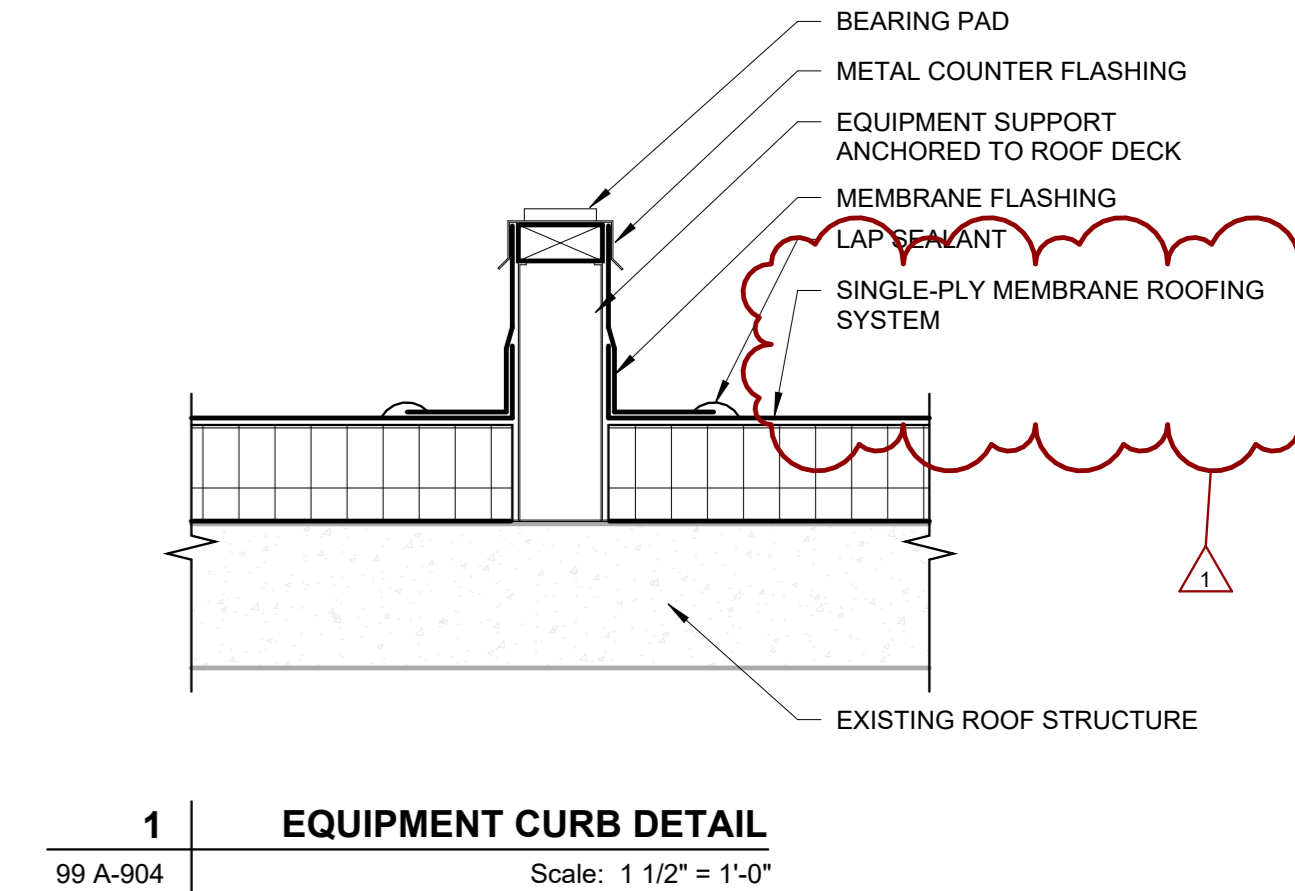
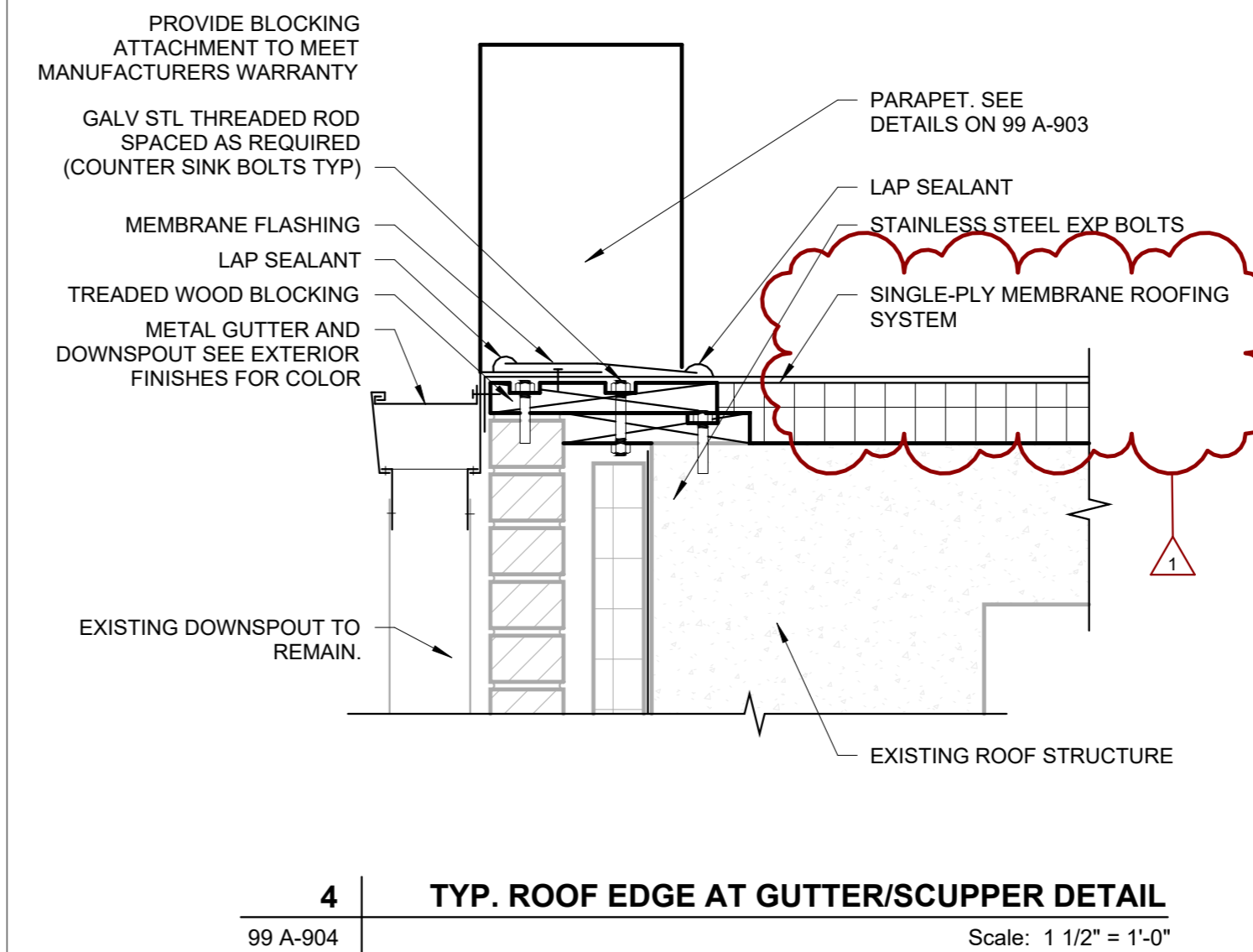
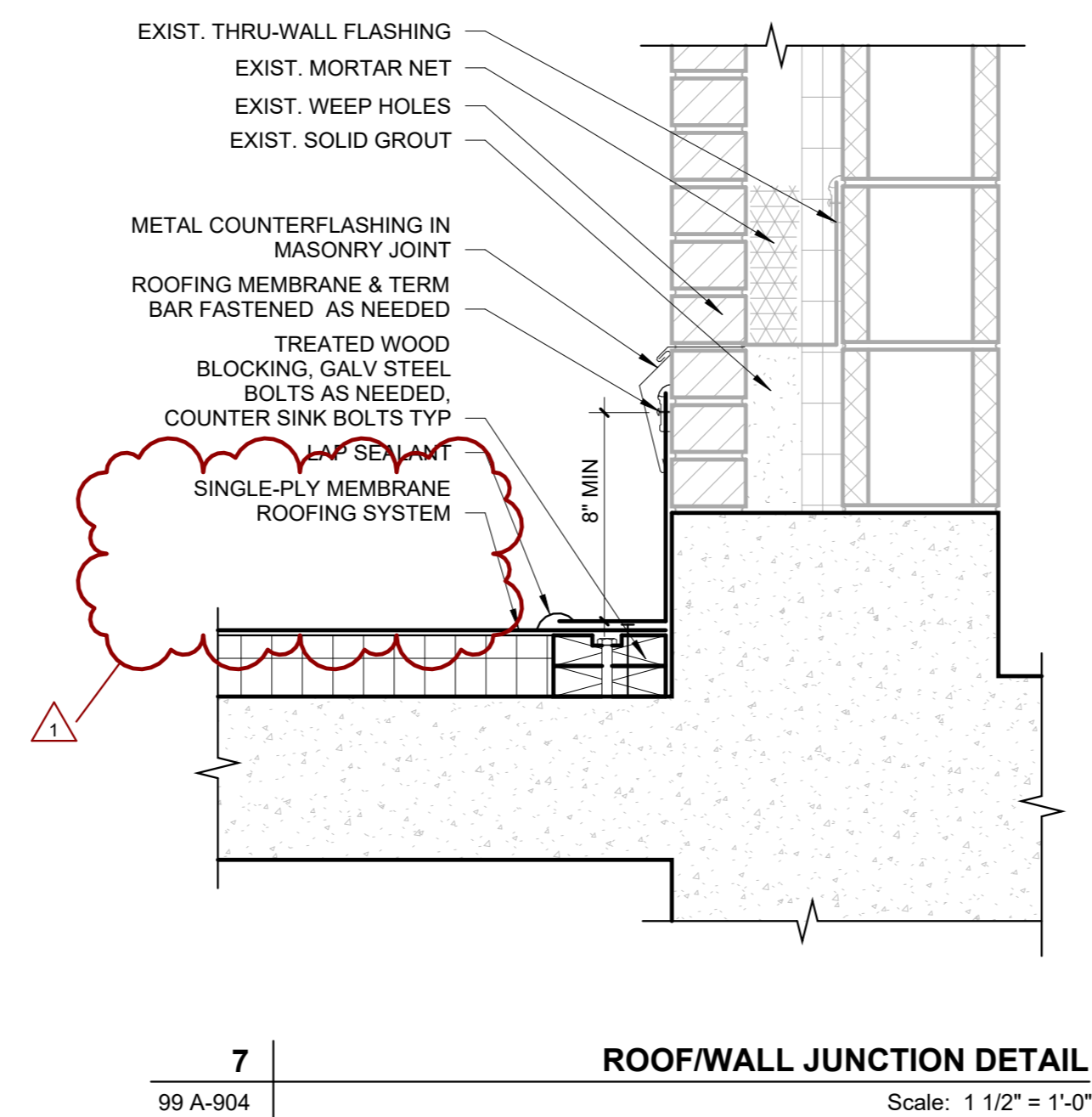
SHEET TITLE
PROJ. # 60722035
SHEET # **99 A-902**



PROJECT:	GNHWPCA - Wind Resiliency
OWNER:	Greater New Haven Water Pollution Control Authority 345 East Shore Parkway New Haven, CT 06512 Phone: 203.466.5280 Fax: 203.466.5286
Typical Roof Details	
 <p>500 ENTERPRISE DRIVE, SUITE 1A ROCKY HILL, CT 06067 WWW.AECOM.COM</p>	



SHEET TITLE
PROJ. # 60722035
SHEET # **99 A-903**



100% SUBMITTAL

CHANGE # & DESCRIPTION	
#	DESCRIPTION
1	ADDENDUM #1
Designed By:	M.PICONE
Drawn By:	M.PICONE
Dept Check:	K.COLLINS
Proj Check:	T.LOTO
Date:	AUG 2025
Scale:	1 1/2" = 1'-0"

PROJECT:	GNHWPCA - Wind Resiliency
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OWNER: Greater New Haven Water Pollution Control Authority
345 East Shore Parkway
New Haven, CT 06512
Phone: 203.466.5280
Fax: 203.466.5286

Typical Roof Accessory Details

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ROCKY HILL, CT 06067
WWW.AECOM.COM

REGISTRATION



SHEET TITLE
PROJ. # 60722035
SHEET # **99 A-904**