

PROJECT MANUAL

BUILDING PROJECT

NEWTON HOUSING AUTHORITY 82 Lincoln Street Newton Highlands, MA 02461 Phone: (617) 552-5507 Fax: (617) 552-5507	PROJECT ADDRESS: 52-54 & 68-70 Wyman Street Waban, MA 02468
WINDOW REPLACEMENT PROJECT #WYWR20170825	Amy Zarechian, Executive Director

Architect
Michael Kim Associates
1 Holden Street #3
Brookline, MA 02445
617.739.6925

DATE: August 25, 2017

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INVITATION FOR SEALED BIDS

The Newton Housing Authority, the Awarding Authority, invites *sealed bids* from Contractors for the Management Units owned by the Newton Housing Authority located at 52-54 Wyman Street and 68-70 Wyman Street, Waban, MA in accordance with the documents prepared by Michael Kim Associates, Architects and Newton Housing Authority.

The Project consists of the *removal and off-site disposal of all existing metal framed windows, approximately 139 window openings, with the replacement of vinyl clad windows and associated work thereof.* The project is estimated to cost \$120,000. A pre-proposal meeting will be held on Friday, September 8, 2017 from @10:00 -11:00 am at 52 Wyman Street, Waban, MA, at which time a unit will be available for inspection.

Bids are subject to MGL c.149 Sec. 44A-J and MGL c.30 Sec. 39M and are subject to prevailing wage rates as required by MGL c.149 Sec. 26-27H inclusive. DCAMM certification is required.

Sealed bids will be received until *Thursday, September 21, 2017* at 1:00 P.M. at which time they will be publicly opened forthwith. All bids should be sealed and delivered to Newton Housing Authority, 82 Lincoln Street, Newton Highlands, MA 02461, attn: Christine Long, Capital Improvement Coordinator. No bids shall be received later than the date and time specified above.

Bids shall be accompanied by a bid deposit that is not less than five {5%} percent of the greatest possible bid amount and made payable to the Newton Housing Authority. Bid Forms and Contract Documents will be available by electronic copy by emailing clong@newtonhousing.org or may be picked up at Newton Housing Authority, 82 Lincoln Street, Newton Highlands, MA 02461. For document requests contact Christine Long, Capital Improvement Coordinator @617-552-5501.

By Its Executive Director, Amy Zarechian

00.21.50

INSTRUCTIONS TO BIDDERS

Projects \$50,000-\$150,000

ARTICLE 1. BIDDER'S REPRESENTATION

1.1 Each General Bidder (hereinafter called the "Bidder"), by making a bid (hereinafter called "bid"), represents the following:

1. The Bidder has read and understands the Contract Documents and the bid is made in accordance therewith.
2. **The Bidder has visited the site and is familiar with the local conditions under which the Work has to be performed. Contractors are responsible for field verification of all window dimensions, quantities and measurements. Contractors are responsible for verifying field conditions.**

1.2 Failure to so examine the Contract Documents and site will not relieve any Bidder from any obligation under the bid as submitted.

ARTICLE 2 - GENERAL BIDDER'S CERTIFICATION

2.1 General bids shall be submitted with the following:

1. A Certificate of Eligibility on the appropriate form prescribed and issued by the Division of Capital Asset Management and Maintenance (DCAMM), showing that the Bidder is eligible to bid on projects of this size in the specified category of work; and
2. A Contractor Update Statement, DCAMM Form CQ3.
3. The Contractor Update Statement (CQ3) is not a public record as defined in DCAMM regulation 810 CMR 8.06 and will not be open to public inspection.

ARTICLE 3. CONTRACTOR'S CERTIFICATION OSHA SAFETY TRAINING & LEAD

3.1 All employees who work on Massachusetts public works construction sites must have no less than 10 hours of OSHA-approved safety and health training. See Chapter 306 of the Acts of 2004,

3.2 The Contractor and all subcontractors on this project will be required to provide certification of compliance with this requirement in accordance with the provisions of Section 00.73.43 of these Contract Documents.

3.3 The Contractor and all subcontractors shall provide evidence of compliance with Certifications re: EPA regulation 40 CFR 745.

ARTICLE 4. REQUESTS FOR INTERPRETATION

4.1 Bidders shall promptly notify the Owner of any ambiguity, inconsistency, or error, which

they may discover upon examination of the Contract Documents, the site, and local conditions.

4.2 Bidders requiring clarification or interpretation of the Contract Documents shall make a written request to the Owner. **The Owner will only answer such requests if received seven (7) consecutive calendar days prior to the date for receipt of the bids.**

4.3 Interpretation, correction, or change in the Contract Documents will be made by written Addendum, which will become part of the Contract Documents. Neither the Housing Authority nor the Architect will be held accountable for any oral interpretations, corrections, or changes.

4.4 Addenda will be provided by the Owner electronically by email or U.S Postal Service to every individual or firm on record as having taken a set of Contract Documents.

4.5 Copies of addendum/a will be made available for inspection at the locations listed in the Advertisement where Contract Documents are on file.

ARTICLE 5 - .PREPARATION AND SUBMISSION OF BIDS

5.1 Bids shall be submitted on the "Form for General Bid " furnished at no cost by the Housing Authority. The forms enclosed in the Project Manual shall not be extracted or used. Additional forms are available at the location listed in the Advertisement.

5.2 All entries on the bid form shall be made by typewriter or in ink. Where so indicated on the bid form, sums shall be expressed in both words and figures. Where there is a discrepancy between the bid sum expressed in words and the bid sum expressed in figures, the words shall control.

5.3 Bid Deposits shall be:

1. at least five percent (5%) of the greatest possible bid amount, **considering all alternates**;
2. made payable to the Newton Housing Authority;
3. conditioned upon faithful performance by the principal of the agreements contained in the bid; and
4. in the form of:
 - (a.) cash,
 - (b.) certified check, treasurer's or cashier's check issued by a responsible bank or trust company, or
 - (c.) a bid bond issued by a surety company licensed to do business in the Commonwealth of Massachusetts.

5.4 Bid deposits of the three (3) lowest responsible and eligible General Bidders shall be retained until the execution and delivery of the Owner/Contractor Agreement.

5.5 The General Bid Form and the bid deposit shall be enclosed in a sealed envelope with the following plainly marked on the outside:

General Bid for:

- Newton Housing Authority Project #WYWR20170825
- Bidder's Name, Business Address, and Phone Number

5.6 Date and time for receipt of bids is set forth in the Advertisement.

5.7 Timely delivery of a bid to the location designated shall be the full responsibility of the Bidder.

ARTICLE 6. ALTERNATES – NOTE: This solicitation for bids requests an Add Alternate

6.1 Each General Bidder shall acknowledge Alternates by listing the individual Alternate number in Section C on the Form for General Bid and enter the dollar amount of addition or subtraction necessitated by each Alternate listed in the corresponding space.

6.2 General Bidders shall enter on the Form for General Bid a single amount for each Alternate the amount for work performed by the General Contractor.

6.3 In the event an Alternate does not involve a change in dollar value, the Bidder shall so indicate by listing the individual Alternate number and acknowledge the Alternate by inserting ..No Change., "No Charge" "N/C" or "0" in the corresponding space provided for the dollar value of that Alternate.

6.4 The Low Bidder will be determined on the basis of the sum of the base bid and the accepted alternates.

ARTICLE 7. WITHDRAWAL OF BIDS

7.1 Before Opening of Bids

Any bid may be withdrawn prior to the time designated for receipt of bids upon written request. Withdrawal of bids must be confirmed over the Bidder's signature by written notice post-marked or sent by facsimile on or before the date and time set for receipt of bids.

Withdrawn bids may be resubmitted up to the time designated for the receipt of bids.

7.2 After Opening of Bids

Bidders may withdraw a bid, without penalty, any time up to the time of Award as defined in paragraph 8.1, and upon demonstrating, to the satisfaction of the Housing Authority, that a bona fide clerical error was made during the preparation of the bid. Failure to conclusively demonstrate a bona fide clerical error may result in forfeiture of the bid deposit.

7.3 Award means both the determination and selection of the lowest, responsible and eligible bidder, by Housing Authority board vote.

7.4 The Housing Authority will award the contract to the lowest responsible and eligible bidder within thirty days, Saturdays, Sundays, and legal holidays excluded after the opening of bids in accordance with M.G.L. c.149 §44A.

7.5 The Housing Authority reserves the right to waive any informality in or to reject any or all Bids if it be in the public interest to do so.

7.6 As used herein, the term ...lowest responsible and eligible bidder.. shall mean the General Bidder whose bid is the lowest of those Bidders demonstrably possessing the skill, ability, and integrity necessary for the faithful performance of the work, and who meets the requirements for Bidders set forth in M.G.L. c.149 §44A-J and is not debarred from bidding under M.G.L. c.149 §44C;and who shall certify that they are able to furnish labor that can work in harmony with all other elements of labor employed or to be employed on the work.

ARTICLE 8.FORMS REQUIRED FOR CONTRACT APPROVAL

8.1 Upon Award, the General Bidder shall complete the following forms to ensure prompt contract validation.

8.2 Submit {3} originals of each of the following:

1. Owner/Contractor Agreement and Form of Corporate Vote.
2. Form of 100% Performance Bond and Form (00.61.13) and Form of 100% Payment Bond (00.61.16) must be submitted by the General Contractor in accordance with the General Conditions. The dates on the bonds must coincide with the contract date, and a current Power-of-Attorney must be attached to each bond.

3. Insurance Certificates for the General Contractor are required and must be submitted in accordance with the General Conditions. General Contractors must indicate on Builders Risk insurance Certificate or installation floater if stored materials are covered.

4. Company Certification of Compliance with EPA Regulation 40 CFR 745 must be submitted before Contract validation.

ARTICLE 9. CONTRACT VALIDATION

9.1 The Notice to Proceed for construction shall not be issued until the Owner/Contractor Agreement has been signed.

END OF 00.21.50
INSTRUCTIONS TO BIDDERS

FORM FOR GENERAL BID

TO THE AWARDING AUTHORITY

A. The undersigned proposes to furnish all labor and materials required for _____ for the
_____ HOUSING AUTHORITY in _____ Massachusetts
in accordance with Contract Documents prepared by _____
For the contract price specified below, subject additions and deductions according to the terms of the specifications

B. This bid includes addenda number(s) _____

C. The proposed contract price is:

Dollars \$

Bid Amount in Words

Bid Amount in Numbers

For Alternate(s)	No. ____	Add \$ _____	Subtract \$ _____
	No. ____	Add \$ _____	Subtract \$ _____
	No. ____	Add \$ _____	Subtract \$ _____

Each Alternate shall be listed separately

D. The undersigned agrees that, if selected as general contractor, we will within five days, Saturdays, Sundays, and legal holidays excluded, after presentation thereof by the awarding authority, execute a contract in accordance with the terms of this bid and furnish a performance bond and also a labor and materials or payment bond, each of a surety company qualified to do business under the laws of the Commonwealth and satisfactory to the awarding authority and each in the sum of the contract price, the premiums for which are to be paid by the general contractor and are included in the contract price, provided, however, that if there is more than 1 surety company, the surety companies shall be jointly and severally liable.

The undersigned hereby certifies that he is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed on the work; that all employees to be employed at the worksite will have successfully completed a course in construction safety and health approved by the United States Occupational Safety and Health Administration that is at least 10 hours in duration at the time the employee begins work and who shall furnish documentation of successful completion of said course with the first certified payroll report for each employee; and that he will comply fully with all laws and regulations applicable to awards made subject to section 44A.

The undersigned further certifies under the penalties of perjury that this bid is in all respects bona fide, fair and made without collusion or fraud with any other person. As used in this subsection the word "person" shall mean natural person, joint venture, partnership, corporation or other business or legal entity. The undersigned further certifies under penalty of perjury that the said undersigned is not presently debarred from doing public construction work in the Commonwealth under the provisions of section twenty-nine F of chapter twenty-nine, or any other applicable debarment provisions of any other chapter of the General Laws or any rule or regulation promulgated thereunder.

Signature 

Date: _____

Name of General Bidder

BY: _____

Signature & Title of person signing bid

Business Address

(City and State)

Note: If the bidder is a corporation, indicate state of incorporation under signature, and affix corporate seal; if a partnership, give full names and residential addresses of partners if different from business addresses.

BIDDER'S REFERENCE FORM

Bidders Name _____ Phone: () _____

LHA/Project Title: _____ Email: _____

The bidder must provide five (5) business references for projects performed & completed within the past five (5) years. Attach additional pages if necessary.

(1) Reference Name: _____ Phone: () _____

Address: _____ Email: _____

Description and date(s) of work: _____

(2) Reference Name: _____ Phone: () _____

Address: _____ Email: _____

Description and date(s) of work: _____

(3) Reference Name: _____ Phone: () _____

Address: _____ Email: _____

Description and date(s) of work: _____

(4) Reference Name: _____ Phone: () _____

Address: _____ Email: _____

Description and date(s) of work: _____

(5) Reference Name: _____ Phone: () _____

Address: _____ Email: _____

Description and date(s) of work: _____

References will be contacted to confirm the bidder's skills, abilities and qualifications to faithfully perform the work as specified.

OWNER-CONTRACTOR AGREEMENT

This agreement made the _____ day of _____ 2017 by and between Newton Housing Authority hereinafter called the "Owner," and _____, hereinafter called the "Contractor."

Witnesseth, that the Owner and the Contractor, for the consideration hereunder named, agree as follows:

Article 1.Scope of Work: The Contractor shall perform all Work required by the Contract Documents for the replacement of windows at 52-54 & 68-70 Wyman Street, Waban, MA as outlined and detailed in Documents for Project #NYWR20170825 prepared by Michael Kim Associates, Architects and Newton Housing Authority.

ARTICLE 2.TIME OF COMPLETION: The Contractor shall commence work under this Contract on the date specified in the written "Notice to Proceed" and shall bring the Work to Substantial Completion within sixty (60) calendar days of said date. Damages for delays in the performance of the Work shall be in accordance with Article 9 of the General Conditions of the Contract.

ARTICLE 3.CONTRACT SUM: The Owner shall pay the Contractor, in current funds, for the performance of the Work, subject to additions and deductions by Change Order, of the Contract Sum of:

-----	dollars	-----
Contract Sum in Words		Contract Sum in Numbers

ARTICLE 4.THE CONTRACT DOCUMENTS: The following, together with this Agreement, form the Contract and all are as fully a part of the contract as if attached to this Agreement or repeated herein: The Bidding Documents, Contract Forms, Conditions of the Contract, and Specifications as enumerated in the solicitation of the work hereunder including any modification made after execution of the Contract. Terms used in this Agreement which are defined in the Conditions of the Contract shall have the meanings designated in those Conditions.

ARTICLE 5.CONTRACT TERMS: The Terms herein have been accepted and their costs are included in the Contract Sum stated in Article 3 of this Agreement.

ARTICLE 6. REAP CERTIFICATION: Pursuant to M.G.L. c.62(c) §49(a), the individual signing this Contract on behalf of the Contractor, hereby certifies, under the penalties of perjury, that to the best of their knowledge and belief the Contractor has complied with all laws of the Commonwealth relating to taxes, reporting of employees and contractors, and withholding and remitting child support.

ARTICLE 7.WORKER DOCUMENTATION CERTIFICATION: In accordance with Executive Order 481 the undersigned further certifies under the penalties of perjury that the Contractor shall not knowingly use undocumented workers in connection with the performance of this contract; that pursuant to federal requirements, the Contractor shall verify the immigration status of all workers assigned to such contractor without engaging in unlawful discrimination; and that it shall not knowingly or recklessly alter, falsify, or accept altered or falsified documents from any such worker(s). The Contractor understands and agrees that breach of any of these terms during the contract period may be regarded as a material breach, subjecting the Contractor to sanctions, including but limited to monetary penalties, withholding of payments, contract suspension or termination.

ARTICLE 8. CONFLICT OF INTEREST: The Contractor covenants, that (1) presently, there is no financial interest and shall not acquire any such interest, direct or indirect, which would conflict in any manner or degree with the performance of services required to be performed under this Agreement or which would violate M.G.L. c.268A, as amended; (2) in the performance of this Contract, no person having any such interest shall be employed by the Contractor or engaged as a subcontractor by the contractor; and (3) no partner or employee of the firm is related by blood or marriage to any Board Member or employee of the Awarding Authority."

In Witness Whereof, the Parties Hereto Have Caused This Instrument to be Executed Under Seal.

¹ CONTRACTOR

² AWARDING AUTHORITY
NEWTON HOUSING AUTHORITY

Street

Name of Housing Authority
82 Lincoln Street, Newton Highlands, MA
02461

Address

By: _____
Signature and Seal

Signature and Seal

Title

Witness _____

Attest:

CERTIFICATE OF CORPORATE VOTE OF AUTHORIZATION

Date: _____ 2017

I hereby certify that a meeting of the Board of Directors of the:

NAME OF CORPORATION

duly called and held at _____ on the ____ day of _____ 2017

at which a quorum was present and acting, it was voted that _____

NAME OF CORPORATE OFFICER

of the _____, be and hereby is authorized to execute and deliver

NAME OF CORPORATION

for and on behalf of the Corporation, a Contract with _____ Housing Authority, for

work to be done at State-Aided Housing Development No. _____ in the City/Town of _____

And to act as principal to execute bonds in connection therewith, which Contract and Bonds were presented to and made part of the records of said meeting.

I further certify that _____ is duly qualified and acting

NAME OF CORPORATE OFFICER

_____ of the Corporation and that said vote has not been repealed,

TIME

rescinded or amended.

A true copy of the record,

ATTEST: _____

(CORPORATE SEAL)

On this ____ day of _____ 20____, before me, the undersigned Notary Public, personally appeared _____, duly designated by the board of directors and proved to me, through satisfactory evidence of identification, which was _____, that s/he is the person whose name is signed on the foregoing documents, and acknowledged to me that s/he signed it voluntarily for its stated purpose and that it was her/his free act and deed.

Notary Public

My Commission Expires:

BOND NO. _____

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS:

That we, _____, as Principal, and _____, as Surety, are held and firmly bound unto the _____ HOUSING AUTHORITY, as Obligee, in the sum of _____ dollars (\$ _____) to be paid to the Obligee, for which payments, well and truly to be made, we bind ourselves, our respective heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the said Principal has made a contract with the Obligee, bearing the date of _____, 2017 for the _____ in _____, Massachusetts.

PROJECT TITLE

NOW, the condition of this obligation is such that if the Principal and all Subcontractors under said contract shall well and truly keep and perform all the undertakings, covenants, agreement, terms and conditions of said contract on its part to be kept and performed during the original term of said contract and any extensions thereof that may be granted by the Obligee, with or without notice to the Surety, and during the life and any guarantee required under the contract, and shall also well and truly keep and perform all the undertakings, covenants, agreements, terms and conditions of any and all duly authorized modifications, alterations changes or additions to said contract that may hereafter be made, notice to the Surety of such modifications, alterations, changes or additions being hereby waived, then this obligation shall become null and void; otherwise, it shall remain in full force and virtue.

IN THE EVENT, that the contract is abandoned by the Principal, or in the event that the Obligee, under the provisions of Article 19 of the General Conditions of said contract terminates the employment of the Principal or the authority of the Principal to continue the work, said Surety hereby further agrees that said Surety shall, if requested in writing by the Obligee, take such action as is necessary to complete said contract.

IN WITNESS WHEREOF, the Principal and Surety have hereunto set their hands and seals this:

_____ Day of _____ 2017.

PRINCIPAL _____

SURETY _____

By: _____

By: _____

SEAL

ATTORNEY-IN FACT

Attest: _____

Attest: _____

The rate for this bond is _____% for the first \$ _____ and _____% for the next \$ _____

The total premium for this bond is \$ _____

BOND NO. _____

PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS:

That we, _____, as Principal, and
_____, as Surety,
are held and firmly bound unto the _____ HOUSING AUTHORITY, as Obligee,
in the sum of _____ dollars (\$ _____)
to be paid to the Obligee, for which payments, well and truly to be made, we bind ourselves, our respective
heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the said Principal has made a contract with the Obligee, bearing the date of _____, 2017
for the _____ in _____, Massachusetts.

PROJECT TITLE

NOW the conditions of this obligation are such that if the Principal and all subcontractors under said contract shall pay for all labor performed or furnished and for all materials used or employed in said contract and in any and all duly authorized modifications, alterations, extensions of time, changes or additions to said contract that may hereafter be made, notice to the Surety of such modifications, alterations, extensions of time, changes or additions being hereby waived, the foregoing to include any other purposes or items set out in, and to be subject to, provisions of M.G.L. c.30 §39A, and M.G.L. c.149 §29, as amended, then this obligation shall become null and void; otherwise it shall remain in full force and virtue.

IN WITNESS WHEREOF, the Principal and Surety have hereunto set their hands and seals this:

_____ Day of _____ 20____

PRINCIPAL _____

SURETY _____

By: _____

By: _____

SEAL

ATTORNEY-IN FACT

Attest: _____

Attest: _____

The rate for this bond is _____% for the first \$ _____ and _____% for the next \$ _____

The total premium for this bond is \$ _____

GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION

Projects \$50,000 – \$150,000

ARTICLE 1

GENERAL PROVISIONS

1.1 BASIC DEFINITIONS

1.1.1 THE CONTRACT DOCUMENTS

The Contract Documents consist of the Owner-Contractor Agreement, Advertisement, Instructions to Bidders, Bidding Documents, Contract Forms, Conditions of the Contract, Specifications, Drawings, and any and all addendum/a issued prior to execution of the Contract, and other documents listed in the Agreement and Modifications issued after execution of the Contract. A Modification is (1) a written amendment to the Contract signed by all parties, (2) a Change Order, (3) a Construction Change Directive or (4) a written order for a minor change in the Work issued by the Owner.

1.1.2 THE CONTRACT

The Contract Documents form the Contract for Construction. The Contract represents the entire and integrated agreement between the parties hereto and supersedes prior negotiations, representations or agreements, either written or oral. The Contract may be amended or modified only by a written Modification.

1.1.3 THE WORK

The term "Work" means the construction and services required by the Contract Documents, whether completed or partially completed, and includes all other labor, materials, equipment, and services provided or to be provided by the Contractor to fulfill the Contractor's obligations. The Work may constitute the whole or a part of the Project.

1.1.4 THE PROJECT

The Project is the total construction of which the Work performed under the Contract Documents may be the whole or a part and which may include construction by the Owner or by separate contractors.

1.1.5 THE DRAWINGS

The Drawings are the graphic and pictorial portions of the Contract Documents, wherever located and whenever issued, showing the design, location and dimensions of the Work, generally including plans, elevations, sections, details, schedules, and diagrams.

1.1.6 THE SPECIFICATIONS

The Specifications are that portion of the Contract Documents consisting of the written requirements for materials, equipment, construction systems, standards, and workmanship for the Work, and performance of related services.

1.2 EXECUTION, CORRELATION, AND INTENT

1.2.1 Execution of the Contract by the Contractor is a representation that the Contractor has visited the site, become familiar with local conditions under which the Work is to be performed and correlated personal observations with requirements of the Contract Documents.

1.2.2 The intent of the Contract Documents is to include all items necessary for the proper execution and completion of the Work by the Contractor. The Contract Documents are complementary, and what is required by one shall be as binding as if required by all. Performance by the Contractor shall be required only to the extent consistent with the Contract Documents and reasonably inferable from them as being necessary to produce the intended results. In case of inconsistent requirements in the Contract Documents, the requirement for the greater quantity or higher quality shall take precedence and shall be the Contract requirement.

1.2.3 Unless otherwise stated in the Contract Documents, words which have well known technical or construction industry meanings are used in the Contract Documents in accordance with such recognized meanings.

1.2.4 Where reference is made to standards or trade association publications, it shall be considered to refer to the latest edition and revision thereof, if any, in effect on the date the Contract Documents were advertised for bid.

1.3 USE OF DRAWINGS, SPECIFICATIONS, AND OTHER DOCUMENTS

The Drawings, Specifications and other documents prepared by the Architect, and copies thereof furnished to the Contractor, are for use solely with respect to this Project. They are not to be used by the Contractor or any Subcontractor, Sub-subcontractor, or material or equipment supplier on other projects or for additions to this Project outside the scope of the Work without the specific written consent of the Owner or the Architect.

ARTICLE 2

OWNER

2.1 DEFINITION

The term "Owner, sometimes also referred to as the "Awarding Authority" or "Authority", means the Newton Housing Authority identified in the Owner-Contractor Agreement.

2.2 INFORMATION AND SERVICES TO BE PROVIDED BY THE OWNER

2.2.1 The Owner will furnish to the Contractor, free of charge, a reasonable number of copies of the Contract Documents for the execution of the Work, including a set for record purposes.

2.3 OWNER'S RIGHT TO STOP THE WORK

2.3.1 If the Contractor fails to correct Work which is not in accordance with the requirements of the Contract Documents or persistently fails to carry out the Work in accordance with the Contract Documents, the Owner by written order signed personally or by its authorized agent, may order the Contractor to stop the Work, or any portion thereof, until the cause for such order has been eliminated.

2.4 OWNER'S RIGHT TO CARRY OUT THE WORK

2.4.1 If the Contractor defaults or neglects to carry out the Work in accordance with the Contract Documents and fails within a seven-day period after receipt of written notice from the Owner to

commence and continue correction of such default or neglect with diligence and promptness, the Owner may, without prejudice to other remedies, hire one or more contractors to correct such deficiencies.

2.4.2 In such case an appropriate Change Order shall be issued deducting from payments then or thereafter due the Contractor the cost of correcting such deficiencies, including compensation for the Architect's additional services and expenses made necessary by such default, neglect, or failure. If payments then or thereafter due the Contractor are not sufficient to cover such amounts, the Contractor shall pay the difference to the Owner.

ARTICLE 3 CONTRACTOR

3.1 DEFINITION

The Contractor, sometimes referred to as the General Contractor, is the person or entity identified as such throughout the Contract Documents as if singular in number. The term Contractor means the Contractor or its authorized representative.

3.2 REVIEW OF CONTRACT DOCUMENTS & FIELD CONDITIONS BY CONTRACTOR

3.2.1 The Contractor shall carefully study and compare the Contract Documents with each other and with information furnished by the Owner and shall at once report to the Architect errors, inconsistencies, or omissions discovered. The Contractor shall not be liable to the Owner or Architect for damage resulting from errors, inconsistencies, or omissions in the Contract Documents unless the Contractor recognized such error, inconsistency, or omission and knowingly failed to notify the Owner and/or the Architect. If the Contractor performs any construction activity knowing it involves a recognized error, inconsistency or omission in the Contract Documents without such notice to the Owner and/or Architect, the Contractor shall assume responsibility for such performance and shall bear the attributable costs for such correction.

3.2.2 The Contractor shall take field measurements and verify field conditions and shall carefully compare such field measurements and conditions and other information known to the Contractor with the Contract Documents before commencing activities. Errors, inconsistencies, or omissions discovered shall be reported to the Owner and Architect at once.

3.2.3 The Contractor shall perform the Work in accordance with the Contract Documents and approved submittals.

3.3 SUPERVISION AND CONSTRUCTION PROCEDURES, COORDINATION, AND CUTTING AND PATCHING

3.3.1 The Contractor shall supervise and direct the Work, using the Contractor's best skill and attention. The Contractor shall be solely responsible for and have control over construction means, methods, techniques, sequences and procedures, and for coordinating all portions of the Work under the Contract.

3.3.2 The Contractor shall be responsible for the proper fitting of all Work and the coordination of the operations of all trades, Subcontractors, or materialmen engaged upon the Work.

3.3.3 All necessary cutting, coring, drilling, grouting, and patching required to fit together the several parts of the Work shall be done by the Contractor and its subcontract agents.

3.3.4 The Contractor shall be responsible to the Owner for acts and omissions of the Contractor's employees, Subcontractors, and their agents and employees, and other persons performing portions of the Work.

3.3.5 The Contractor shall be responsible for inspection of portions of Work already performed under this Contract to determine that such portions are in proper condition to receive subsequent Work.

3.3.7 Unless otherwise directed and required by the Contract Documents, or directed in writing by the Owner, Work shall be done during regular working hours of 8 AM – 4:30 PM, Monday – Friday only. No work shall be done on weekends or Holidays.

3.4 SUPERINTENDENT

3.4.1 The Contractor shall employ a Superintendent and necessary assistants who shall be in attendance at the Project site during performance of the Work. The Superintendent shall represent the Contractor, and communications given to the Superintendent shall be as binding as if given to the Contractor. Important communications shall be confirmed in writing. Other communications shall be similarly confirmed on written request in each case. The Superintendent shall attend each job meeting.

3.4.2 The Superintendent shall be a competent and responsible employee, satisfactory to the Owner, who is regularly employed by the Contractor and is designated by the Contractor as its representative to be in full time attendance at the Project site throughout the construction of the Work. The Superintendent shall be responsible for coordinating all the Work of the Contractor and the Subcontractors. The Superintendent shall be licensed consistent with the Massachusetts Building Code. Proof of license shall be submitted prior to the commencement of work on site.

3.5 LABOR

The Contractor shall enforce strict discipline and good order among the Contractor's employees and other persons carrying out the Work. The Contractor shall not permit employment of unfit persons or persons not skilled in tasks assigned to them, and whenever the Owner shall notify the Contractor, in writing, that any worker is, in its opinion, incompetent, unfaithful, disorderly, or otherwise unsatisfactory, such employee shall be discharged from the Work and shall not again be employed on the Project except with the consent of the Owner.

3.6 MATERIALS AND EQUIPMENT

3.6.1 Unless otherwise provided in the Contract Documents, the Contractor shall provide and pay for materials, equipment, tools, construction equipment and machinery, water, heat, utilities, transportation, and other facilities and services necessary for proper execution and completion of the Work, whether temporary or permanent and whether or not incorporated or to be incorporated in the Work.

3.6.2 Materials and Equipment to be installed as part of the Contract (both or either of which are hereinafter referred to as "Materials") shall be new, unused, of recent manufacture, assembled, and used in accordance with the best construction practices.

3.6.3 "OR EQUAL" SUBMISSIONS/SUBSTITUTIONS

4.6.3.1 Except where a product has been specified as a proprietary material, the words "or equal" are understood to follow the name of any maker, vendor, or product specified to be used in the Contract Documents. To determine if the materials or articles proposed by the Contractor

are equal to those specified, the Owner shall determine whether the materials or articles proposed are at least equal in quality, durability, appearance, strength and design to the material or articles named or described, and will perform at least equally the functions imposed by the design.

3.6.3.2 The Contractor shall be responsible for providing the Owner with any reasonable information and test results that the Owner determines is required for a request for material substitution.

3.7 SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES

3.7.1 Shop Drawings are drawings, diagrams, schedules, and other data specially prepared for the Work by the Contractor or a Subcontractor, Sub-subcontractor, manufacturer, supplier, or distributor to illustrate a portion of the Work.

3.7.2 Product Data are illustrations, standard schedules, performance charts, instructions, brochures, diagrams and other information furnished by the Contractor or its Subcontractors and suppliers to illustrate materials or equipment for some portion of the Work.

3.7.3 Samples are physical examples which illustrate materials, equipment, or workmanship and establish standards by which the Work will be judged.

3.7.4 Shop Drawings, Product Data, Samples, and similar submittals are not Contract Documents. The purpose of their submission is to demonstrate for those portions of the Work for which submittals are required the way the Contractor proposes to conform to the information given and the design concept expressed in the Contract Documents.

3.7.5 The Contractor shall review, approve, and submit to the Owner Shop Drawings, Product Data, Samples and similar submittals required by the Contract Documents with reasonable promptness and in such sequence as to cause no delay in the Work or in the activities of the Owner or of separate contractors. Submittals made by the Contractor which are not required by the Contract Documents may be returned without action.

3.7.6 The Contractor shall prepare and keep current, for the Owner's approval, a schedule of submittals which is coordinated with the Contractor's construction schedule.

3.7.7 The Contractor shall perform no portion of the Work requiring submittal and review of Shop Drawings, Product Data, Samples or similar submittals until the respective submittal has been approved by the Owner. Such Work shall be in accordance with approved submittals.

3.7.8 By approving and submitting Shop Drawings, Product Data, Samples and similar submittals, the Contractor represents that the Contractor has determined and verified materials, field measurements, and field construction criteria related thereto, or will do so, has checked and coordinated the information contained within such submittals with the requirements of the Work and of the Contract Documents.

3.7.9 The Contractor shall not be relieved of responsibility for deviations from requirements of the Contract Documents by the Owner's approval of Shop Drawings, Product Data, Samples or similar submittals unless the Contractor has specifically informed the Owner in writing of

such deviation at the time of submittal. The Contractor shall not be relieved of responsibility for errors or omissions in Shop Drawings, Product Data, Samples, or similar submittals by the Owner or Architect's actions.

3.7.10 The Contractor shall direct specific attention, in writing or on resubmitted Shop Drawings, Product Data, Samples or similar submittals, to revisions other than those requested by the Owner and/or Architect on previous submittals.

3.7.11 Informational submittals upon which the Owner is not expected to take responsive action may be so identified in the Contract Documents.

3.7.12 When professional certification of performance criteria of materials, systems or equipment is required by the Contract Documents, the Owner and/or Architect shall be entitled to rely upon the accuracy and completeness of such calculations and certifications.

3.8 SAMPLES AND TESTS

3.8.1 Materials to be used in the Work may be tested or inspected after reasonable notice by the Owner and may be rejected if they fail the specified tests. Except as otherwise provided in the Contract, all testing of material specifically requested by the Owner and/or Architect will be paid for by the Owner, except that the cost of testing of materials that fail the testing criteria shall be borne by the Contractor. If the Contractor requests permission to use a material that was not specified in the Contract Documents and the Architect requires testing of such material before approving its use, the Contractor shall pay for such testing.

3.8.2 The source of material proposed by the Contractor shall be designated in time to permit all required testing and inspection before the material is needed for incorporation into the Work. The Contractor shall have no claim for delays due to testing if it fails to designate the proposed source or to order the material in time to provide for adequate testing and inspection. Necessary arrangements shall be made to permit the Owner and/or Architect to make factory, shop, or other inspection of materials or equipment ordered for the Work, in process of manufacture or fabrication, or in storage elsewhere than the site of the Work.

3.8.3 The Contractor shall furnish the Owner with samples of the materials it proposes to use in the execution of the work in sufficient time to afford the Owner the opportunity to adequately review and, if necessary, arrange for testing of such materials.

3.9 DELIVERY AND STORAGE OF MATERIALS

3.9.1 Materials and equipment shall be progressively delivered to the site so that there will be neither delay in the progress of the Work nor an undue accumulation of materials that are not to be used within a reasonable time.

3.9.2 Materials stored off-site shall be stored at the expense of the Contractor in a manner that preserves their quality and fitness for the Work. Material shall be placed on wooden platforms or other hard clean surfaces and not on the ground and shall be properly protected.

3.9.3 If the Contractor requests the Owner's inspection of materials stored off-site, the Contractor shall assume the Owner's reasonable costs for travel, room, and meals associated with such inspection.

3.9.4 Materials stored either at the site or at some other location agreed upon in writing shall be located so as to facilitate prompt inspection and may again be inspected prior to their use in the work.

3.9.5 The Contractor shall take charge of and be liable for any loss of or injury to the materials delivered at or in the vicinity of the place where the Work is being done and shall notify the Owner as soon as any such materials are so delivered and allow them to be examined by the Owner.

3.10 WARRANTY

The Contractor warrants to the Owner and Architect that materials and equipment furnished under the Contract will be of good quality and new unless otherwise required or permitted by the Contract Documents, that the Work will be free from defects not inherent in the quality required or permitted, and that the Work will conform with the requirements of the Contract Documents. Work not conforming to these requirements, including substitutions not properly approved and authorized, may be considered defective. If required by the Owner and/or Architect, the Contractor shall furnish satisfactory evidence as to the kind and quality of materials and equipment.

3.11 REJECTION OF DEFECTIVE MATERIALS

The Owner and/or Architect may reject materials if they reasonably determine that such materials do not conform to the Contract Documents. No rejected materials shall be used in the Work to be performed. No extra time shall be allowed for completion of the Work due to the rejection of non-conforming materials.

3.12 REJECTION OF DEFECTIVE WORK

The Owner and/or Architect's inspection of the Work shall not relieve the Contractor of any of its responsibilities to fulfill the Contract obligations, and defective work shall be corrected.

3.13 MATERIALS ATTACHED OR AFFIXED TO THE WORK

Nothing in this Contract shall be construed as vesting in the Contractor any right of property in the materials used after they have been attached or affixed to the Work or the soil; but all such materials shall, upon being so attached or affixed, become the property of the Owner.

3.14 SALES TAX EXEMPTION AND OTHER TAXES

3.14.1 To the extent that materials and supplies are used or incorporated in the performance of this Contract, the Contractor is considered an exempt purchaser under the Massachusetts Sales Act, Chapter 14 of the Acts of 1966.

3.14.2 The Contractor shall be responsible for paying all other taxes and tariffs of any sort, related to the work.

3.15 DOCUMENTS AND SAMPLES AT THE SITE

The Contractor shall maintain at the site for the use and information of the Owner, one record copy of the Drawings, Specifications, Addenda, Change Orders, and other Contract Modifications, in good order and marked currently to record changes and selections made during construction, and in addition approved Shop Drawings, Product Data, Samples, updated construction schedule, and similar required submittals.

3.16 PERMITS, FEES, AND NOTICES

3.16.1 The Contractor shall secure and is responsible for any and all permits. The Contractor shall secure and pay for all licenses, and other fees required for the proper execution of the Work. The Contractor shall coordinate all efforts required to obtain these permits including having the permit issued in the name of the Contractor. The Owner shall be provided a copy of all permits obtained.

3.16.2 The Contractor shall comply with and give notices required by laws, ordinances, rules, regulations, and lawful orders of public authorities bearing on performance of the Work.

3.16.3 It is not the Contractor's responsibility to ascertain that the Contract Documents are in accordance with applicable laws, statutes, ordinances, building codes, and rules and regulations. However, if the Contractor observes that portions of the Contract Documents are at variance therewith, the Contractor shall promptly notify the Architect and Owner in writing, and necessary changes shall be accomplished by appropriate Modification.

3.16.4 If the Contractor performs Work knowing it to be contrary to laws, statutes, ordinances, building codes, and rules and regulations without such notice to the Architect and Owner, the Contractor shall assume full responsibility for such Work and shall bear the attributable costs.

3.17 DEBRIS, CHEMICAL WASTE

3.17.1 The Contractor shall not permit the accumulation of debris, both exterior and interior, and the work area shall at all times be kept satisfactorily clean.

3.17.2 The Contractor shall remove debris from the site of the work and legally dispose of it at any private or public dump that the Contractor may choose. The Contractor shall make all arrangements and obtain any approvals necessary for said disposal from the owners or officials in charge of such dumps and shall bear all cost, including fees resulting from such disposal. Garbage shall be removed daily.

3.17.3 No open fire shall be permitted on site.

3.17.4 Chemical Waste: Chemical waste shall be stored in corrosion resistant containers, removed from the Project site, and disposed of not less frequently than monthly unless directed otherwise. Disposal of chemical waste shall be in accordance with requirements of the U.S. Environmental Protection Agency (EPA) and the Massachusetts Department of Environmental Protection (DEP). Fueling and lubricating of vehicles and equipment shall be conducted in a manner that affords the maximum protection against spills and evaporation. Lubricants to be discarded or burned shall be disposed of in accordance with approved procedures meeting all applicable Federal, State and local regulations. In the event of an oil or hazardous materials spill large enough to violate Federal, State, or applicable local regulations, the Architect shall be notified immediately. The Contractor shall be responsible for immediately cleaning up any oil or hazardous waste spills resulting from its operations. Any costs incurred in cleaning up any such spills shall be borne by the Contractor.

3.18 SITE AND WEATHER PROTECTION

3.18.1 The Contractor shall take precaution during the execution of work involving demolition not to disturb or damage any existing structures, landscaping, walks, roads, or other items scheduled to remain. The Contractor shall restore any damaged items to original condition and as directed by the Owner. The Contractor shall provide and erect acceptable barricades, fences, signs, and other traffic

devices to protect the work from traffic and the public as reasonably necessary and as required by the Massachusetts Building Code.

3.20 SAFETY REQUIREMENTS

3.20.1 The Contractor must comply with all Federal, State, and Local safety laws and regulations of the applicable to work performed under this Contract.

3.20.2 If the Contractor uses or stores toxic or hazardous substances it is subject to M.G.L. c.111F §2, the "Right to Know" law and regulations promulgated by the Department of Public Health, 105 CMR 670, the Department of Environmental Protection, 310 CMR 33, and the Department of Labor and Workforce Development, 441 CMR 21; and must post a Workplace Notice obtainable from the Department of Labor and Workforce Development.

3.20.4 This project is subject to compliance with Public Law 92-596 "Occupational Safety and Health Act of 1970" (OSHA), with respect to all rules and regulations pertaining to construction, U.S. Code Title 29, sections 651 et seq. including Volume 36, numbers 75 and 105, of the Federal Register as amended, and as published by the U.S. Department of Labor.

3.20.5 If this Project requires the containment or removal of asbestos or material containing asbestos, lead or waste containing lead based paint, the Contractor shall ensure that the person or company performing the asbestos or lead related services is licensed pursuant to applicable State laws and regulations. Proof of license shall be submitted prior to Contracts are signed.

3.21 ACCESS TO WORK

The Contractor shall provide the Owner and Architect access to the Work at all times and shall cooperate with the Owner whenever the Owner invites visitors to the site.

ARTICLE 4

ADMINISTRATION OF THE CONTRACT

4.1 ARCHITECT

The Architect is the person or entity licensed to practice architecture or engineering, who is responsible for performing the limited duties assigned to the Architect by the Contract Documents.

4.2 COMMUNICATIONS FACILITATING CONTRACT ADMINISTRATION

Except as otherwise provided in the Contract Documents or when direct communications have been specially authorized, the Owner and Contractor shall directly communicate. Communications by and with Subcontractors and material suppliers shall be through the Contractor. Communications by and with separate contractors shall be through the Owner.

4.3 The Owner shall reject Work which does not conform to the Contract Documents. The Owner shall have authority to require additional inspection or testing of the Work at the Owner's discretion and the Contractor's expense.

4.3.1 The Owner will prepare Change Orders and Construction Change Directives, and may authorize Minor Changes in the Work as deemed necessary.

4.3.2 The Owner with the Architect will conduct inspections to determine the date or dates of Substantial Completion and the date of Final Completion

4.4 PRE-CONSTRUCTION CONFERENCE

Prior to commencement of the Work, the Contractor shall meet in conference with the Owner's representative and the Architect to discuss details of the project and its timeline.

ARTICLE 5

SUBCONTRACTORS

5.1 DEFINITION

A Subcontractor is a person or entity who has a direct contract with the Contractor to perform a portion of the work at the site.

ARTICLE 6

6.1 MUTUAL RESPONSIBILITY

6.2.1 The Contractor shall afford the Owner and separate contractors reasonable opportunity for introduction and storage of their materials and equipment and performance of their activities and shall connect and coordinate the Contractor's construction and operations with theirs as required by the Contract Documents.

6.2.2 If part of the Contractor's Work depends on proper execution or results upon construction or operations by the Owner or a separate contractor, the Contractor shall, prior to proceeding with that portion of the Work, promptly report apparent discrepancies or defects in such other construction that would render it unsuitable for such proper execution and results. Failure of the Contractor to so report shall constitute an acknowledgment that the Owner's or separate contractors' completed or partially completed construction is fit and proper to receive the Contractor's Work, except as to defects not then reasonably discoverable.

6.2.3 The Contractor shall promptly remedy damage caused by the Contractor to completed or partially completed construction or to property of the Owner or separate contractors

ARTICLE 7

CHANGES IN THE WORK

7.1 CHANGES - DEFINITIONS

7.1.1 All changes in the work, including any increase, decrease, or other equitable adjustment in the Contract Sum or in the time for performing the Contract, shall be authorized in the form of one, or a combination of, the following written instruments: Change Order, Construction Change Directive, or a Minor Change in the Work. The term "equitable adjustment" as used in this paragraph shall include all adjustments to the Contract Sum or time to which the Contractor is entitled pursuant to M.G.L. c.30 §§39N and 39O and such equitable adjustment shall be made in accordance with the provisions of this Article.

7.1.2 A Minor Change is a written order binding on the Owner and Contractor issued by the Owner and/or Architect, not involving adjustment in the Contract Sum or extension of the Contract Time and not inconsistent with the intent of the Contract Documents. The Contractor shall carry out such written orders promptly.

9.6 FINAL PAYMENT

9.6.1 Upon completion of the Work, the Contractor shall be entitled to payment of the Contract balance, in accordance with these Contract Documents defined herein.

9.6.2 The acceptance by the Contractor of the last payment due under this Contract shall operate as a release to the Owner from all claims and liability related to this Contract.

9.7 PAYMENT LIABILITIES OF CONTRACTOR

9.7.1 The Contractor shall be responsible to the Owner for all expenses, losses, and damages incurred in consequence of any defect, omission, or mistake of the Contractor or any of its employees, Subcontractors, or suppliers.

9.7.2 The Owner may retain any moneys which would otherwise be payable under this Contract and apply the same, or so much as may be necessary thereto, to the payment of any expenses, losses, or damages incurred by the Owner as a direct result of the Contractor's failure to perform its obligations hereunder.

ARTICLE 10

GUARANTEES AND WARRANTIES

10.1 GENERAL GUARANTY

If at any time during the period of one (1) year from the date of Substantial Completion any part of the Work shall, in the reasonable determination of the Architect or Owner, require replacing or repairing due to the fact that it is broken, defective, or otherwise does not conform to the Contract Documents, the Owner will notify the Contractor to make the required repairs or replacement.

10.1.2 If the Contractor shall neglect to commence such repairs or replacement to the satisfaction of the Owner within ten (10) days from the date of giving or mailing such notice, then the Owner may employ other persons to make the same.

10.1.3 The Contractor agrees, upon demand, to pay to the Owner all amounts which the Owner expends for such repairs or replacements.

10.1.4 During this one year guarantee period any corrective work shall be performed in accordance with the applicable terms of this Contract. For items of work completed after use and occupancy has been taken, the one year guarantee shall commence at the time the Owner accepts such items.

10.1.5 This one year guarantee shall not limit any express guaranty or warranty provided elsewhere in the Contract.

10.2 SPECIAL GUARANTEES AND WARRANTIES

10.2.1 Guarantees and warranties required in the various sections of the Specifications must be delivered to the Owner before final payment to the Contractor may be made, or in the case of guarantees and warranties which originate with a Subcontractor's section of the Work, before final payment for the amount of that subtrade or for the phase of Work to which the guarantee or warranty relates.

10.2.2 The failure to deliver a required guarantee or warranty shall constitute a failure to fully complete the Work in accordance with the Contract Documents.

10.2.3 The Contractor's obligation to correct Work as set forth in these Contract Documents is in addition to, and not in substitution of, such guarantees or warranties as may be required in the various Sections of the Specifications.

ARTICLE 11

MISCELLANEOUS LEGAL REQUIREMENTS

11.1 GENERAL

The Contractor shall stay fully informed of all existing and future state and national laws and municipal ordinances and regulations in any manner affecting those engaged or employed in the work, or the materials used or employed in the work, or in any way affecting the conduct of the Work, and of all such orders and decrees of bodies or tribunals having any jurisdiction or authority over the Contract Work. All provisions of law that apply to this Contract are hereby made a part of this Contract. If any discrepancy or inconsistency is discovered in the Contract Documents in relation to any such law, ordinance, regulation, order or decree, the Contractor shall forthwith report the same to the Owner in writing.

11.1.1 The Contractor shall cause all of its agents and employees to observe and comply with all such existing and future laws, ordinances, regulations, orders and decrees.

11.2 CORPORATE DISCLOSURES

The Contractor, if a foreign corporation, shall comply with M.G.L. c.181 §3 and §5, and M.G.L. c.30 §39L.

11.3 VETERANS PREFERENCE

In the employment of mechanics and apprentices, teamsters, chauffeurs, and laborers in the construction of public works in the Commonwealth, preference shall first be given to citizens of the Commonwealth who have been residents of the Commonwealth for at least six months at the commencement of their employment and who are veterans as defined M.G.L. c.4 §7 (34), and who are qualified to perform the work to which the employment relates; and secondly, to citizens of the Commonwealth generally who have been residents of the Commonwealth for at least six months at the commencement of their employment, and if they cannot be obtained in sufficient numbers, then to citizens of the United States.

11.4 PREVAILING WAGE RATES

The Director of the Department of Labor and Workforce Development has established the Schedule found in Division One of the Specifications, listing the prevailing minimum wage rates that must be paid to all workers employed on the Contract. Such Schedule shall continue to be the minimum rate of wages payable to workers on this Contract throughout the term of the Contract. The Contractor shall not have any claim for extra compensation from the Owner if the actual wages paid to employees on the

7.1.3 A Change Order is a written instrument prepared by the Contractor at the request of the Owner, Contractor or Architect and signed by the Owner and Contractor stating their agreement regarding a change in the work, including a change in the Contract Sum or Contract Time.

7.2 REQUEST FOR A CHANGE IN THE WORK

A change order request shall be in writing and may originate with the Owner, the Architect, or the Contractor. If such a request would cause a change in the Contract Sum, the Contractor shall promptly submit to the Owner its cost and pricing data for such proposed change. Such data shall be accurate, current and complete at the time of submission.

7.3 METHOD FOR DETERMINING AMOUNT OF CHANGE

7.3.1 Changes in the Contract Sum shall be determined by the Owner and calculated as determined by the Owner. On any change in the Contract Sum that involves a credit, the amount of the credit will not include an overhead and profit factor. Change orders will adequately be calculated to compensate the Contractor and Subcontractors for any and all costs directly, indirectly, or consequentially related to, or caused by, such unanticipated change in the work.

7.4 WORK PERFORMED UNDER PROTEST

The Contractor shall perform all work as directed by the Owner, and if the Owner determines that certain work for which the Contractor has requested a change order does not represent a change in the Contract, or if the Contractor and the Owner cannot agree to the amount of compensation for a change order, the Contractor shall perform said work under protest and must follow the notice requirements for such protect provided by law.

7.5 STATUTORY CHANGE ORDER PROVISIONS

The Contractor's attention is directed to the Massachusetts General Laws Chapter 30, §§ 39I, 39J, 39N, 39O and 39P, the provisions of which apply to this Contract.

7.6 DIFFERING SITE CONDITIONS, M.G.L. c.30 §39N

7.6.1 If, during the progress of the Work, the Contractor or the Owner discovers that the actual subsurface or latent physical conditions encountered at the site differ substantially or materially from those shown on the plans or indicated in the Contract Documents, either the Contractor or the Owner may request an appropriate time extension and an equitable adjustment in the Contract Sum applying to work affected by the differing site conditions. A request for such an adjustment shall be in writing and shall be delivered by the party making such claim to the other party as soon as possible after such conditions are discovered.

7.6.2 Upon receipt of such a claim from a Contractor, or upon its own initiative, the Owner shall make an investigation of such physical conditions, and, if they differ substantially or materially from those shown on the plans or indicated in the Contract Documents or from those ordinarily encountered and generally recognized as inherent in work of the character provided for in the plans and Contract Documents and are of such nature as to cause an increase or decrease in the cost of performance of the work or a change in the construction methods required for the performance of the work which results in an increase or decrease in the cost of the work, the Owner shall upon submission by the Contractor of a properly submitted Change Order request, make an equitable adjustment in the Contract Sum and the Contract shall be modified in writing accordingly.

7.6.3 TIMELY DECISION BY OWNER. M.G.L. c.30 §39P

Whenever this Contract requires the Owner or its Architect to make a decision during construction of the Project, on interpretation of the specifications, approval of equipment, material or any other approval, or progress of the work, that decision shall be made promptly and, in any event, no later than five (5) days after receipt of a written request for such decision by the Contractor; but if such decision requires extended investigation and study, the Owner shall provide the Contractor written notice of the reasons why the decision cannot be made within a reasonable time period of the date by which the decision will be made.

7.7 CLAIMS

7.7.1 If the Contractor has any claim or dispute of any nature arising under this Contract, including a claim based on the Owner's failure or refusal to approve a change order request of the Contractor, in full or in part, the Contractor shall submit such claim or dispute to the Owner, in the form of a change order request, for initial review and consideration. Accurate records of the nature and extent of the disputed Work and of the time spent and equipment used on the disputed Work shall be maintained by the superintendent and verified daily by the Owner's designee. Failure of the Contractor to maintain such records shall cause the Contractor to forfeit its claim to additional compensation for such disputed work.

ARTICLE 8

TIME, SCHEDULES, AND COMPLETION

8.1 DEFINITIONS

8.1.1 Unless otherwise provided, Contract Time is the period of time, as extended by approved Change Order, allotted in the Contract Documents for Substantial Completion of the Work.

8.1.2 The date of commencement of the Work is the date established in the Notice to Proceed from the Owner. The commencement date shall not be postponed by the failure to act by the Contractor or by persons or entities for whom the Contractor is responsible.

8.1.3 The date of Substantial Completion is the date certified by the Owner and/or the Architect in accordance with prior provisions stated within these Contract Documents.

8.1.4 The term "day" as used in the Contract Documents shall mean calendar day unless otherwise specifically defined.

8.2. PROGRESS AND COMPLETION

8.2.1 Time limits stated in the Contract Documents are of the essence of the Contract. By executing the Contract the Contractor confirms that the Contract Time is a reasonable period for performing the Work.

8.2.2 The Contractor shall proceed expeditiously with adequate forces and shall achieve Completion within the Contract Time.

8.3 DELAYS AND EXTENSIONS OF TIME

8.3.1 The Contractor shall be entitled to an extension of time for completion of the Work in the event of the following occurrences: 1) acts of God; 2) abnormal weather conditions; 3) labor disputes or 4) acts of delay by neglect on the part of the Owner or Architect.

8.3.2. Except in unusual circumstances, delays caused by suppliers, Subcontractors and sub-subcontractors shall be considered to be within the control of the Contractor.

8.3.3 Should the Contractor require additional time to complete the Work, the Contractor shall document the reasons for such delay and submit a written request for an extension of time at the time the alleged delay occurs.

8.3.4 Failure to notify the Owner of any delay as provided in this Article shall preclude the Contractor from subsequently claiming any damages due to said delay.

8.3.5 CONTRACTOR'S LIABILITY FOR DELAYS

The Contractor shall be liable for, and shall pay, to the Owner, all of the Owner's Project related costs incurred after the time stipulated for Substantial Completion, as extended by Change Order. Such costs shall include: fees paid to the Architect as extra services for inspection services, any tenant relocation or associated expenses, administration of the Contract, at the rate stipulated in the Contract for Architectural Services between the Owner and the Architect; the costs of the Project Representative at the current salary rate; lost rental income based on the average rent collected by the Owner, and/or increased rental subsidies and any other direct expenses. The Owner may retain from moneys otherwise due the Contractor whatever sums accrue to the Owner pursuant to this provision. The Contractor shall not be liable for costs for delay in performance for any period for which an extension of the Contract Time has been granted pursuant to the terms detailed with these Contract Documents.

8.3.6 OWNER DELAYS

8.3.6.1 The Owner may delay the commencement of the Work, or any part thereof, due to unforeseen circumstances or conditions which have a bearing on the Work required under this Contract or for any other reason if it is deemed to be in the best interest of the Owner to do so.

8.3.6.2 The Contractor and the Owner agree that the following Subparagraphs provide the Contractor with the right to request additional compensation for Owner caused delays only in the following two circumstances:

.1 When the Owner provides the Contractor with a written order to suspend or delay the Work, or a portion thereof, for a period of fifteen days or more.

.2 When the Owner or its Architect fails to make a decision within the five (5) day period described in provisions herein.

8.3.7 The Owner may, for its convenience, order the Contractor in writing to suspend, delay, or interrupt all or any part of the Work for such period of time as it may determine appropriate, provided however, that if there is a suspension, delay, or interruption for fifteen days or more, or there is a failure of the Owner to act within the time specified in this Contract, the Owner shall make an adjustment in the Contract Sum for any increase in the cost of performance of this Contract, but shall not include any profit to the Contractor on account of such increase; and provided further, that the Owner shall not make any adjustment in the Contract Sum under this provision for any suspension, delay, interruption, or failure to act to the extent that such is due to any cause for which this Contract provides for an equitable adjustment

of the Contract Sum.

8.3.7.1 The Contractor must submit the amount of a claim to the Owner in writing as soon as practicable after the end of the suspension, delay, interruption, or failure to act and, in any event, not later than the date of final payment under this Contract and except for costs due to a suspension order, the Owner shall not approve any costs in the claim incurred more than twenty days before the Contractor notified the Owner in writing of the act or failure to act involved in the claim.

8.4 CONSTRUCTION AND PAYMENT SCHEDULES

8.4.1 Prior to commencement of the Work the Contractor shall submit a Schedule of Values to the Owner as to the construction schedule showing in detail the proposed progress for the construction of the various parts of the Work, the proposed times for receiving materials required, and the interrelationship between the various construction operations and the percentage of completion and the dollar value of the completed work on the first day of each month for each section of the specifications and the entire Work. Submission of said schedule shall be at the time of the pre-construction meeting.

8.4.2 At the end of each month, or more often if required, the Contractor shall furnish the Owner an updated schedule showing actual progress of the various parts of the Work in comparison with the originally proposed progress and payment schedules. If the Owner raises any objections to progress or payment schedules submitted by the Contractor, the Contractor shall immediately address and resolve such objections to the reasonable satisfaction of the Owner.

8.4.3 If the Contractor submits a construction schedule that anticipates Substantial Completion before the date established in the Owner's Notice to Proceed, the Contractor shall have no claim for additional compensation on account of any delays that prevent Substantial Completion before the date set in said Owner's Notice to Proceed.

8.5 USE AND OCCUPANCY

8.5.1 All units will be occupied during construction. The Owner's representative will coordinate will coordinate all work being done by the Contractor with the tenants occupying the units. Forty-eight (48) hours notice will be provided to tenants prior to any work being performed.

8.6 SUBSTANTIAL COMPLETION

8.6.1 Substantial Completion is the stage in the progress of the Work when, in the opinion of the Owner that the Work is sufficiently complete in accordance with the Contract Documents.

8.6.2 When the Contractor considers that the Work, or a portion thereof which the Owner agrees to accept separately, is substantially complete, the Contractor shall prepare and submit to the Owner a comprehensive list of items to be completed and/or corrected. The Contractor shall proceed promptly to complete and correct all items on the list. Failure to include an item on such list does not alter the responsibility of the Contractor to complete all Work in accordance with the Contract Documents.

8.6.3 Upon receipt of the Contractor's list of items to be completed or corrected, the Owner will promptly make a thorough inspection and prepare a "punch list," setting forth in accurate detail any items on the Contractor's list and additional items that are not acceptable or are incomplete.

8.6.4 If, after receipt of the Contractor's list, the Owner in conjunction with the Architect determines that the Work is not substantially complete, the Owner shall inform the Contractor of those items that must be completed.

8.6.5 When the punch list has been prepared, the Contractor will arrange a meeting with the Owner to identify and explain all punch list items and address questions on the work which must be done before final acceptance.

8.6.6 The Owner may revise the punch list, from time to time, to ensure that all items of the Work are properly completed.

8.6.7 The Owner will determine the date of Substantial Completion, shall establish responsibilities of the Owner and Contractor for the Work environment.

8.6.8 Warranties required by the Contract Documents shall commence on the date of Substantial Completion of the Work as determined by the Owner.

8.7 FINAL COMPLETION

8.7.1 After the Owner has certified that the Work is substantially complete, the Contractor shall immediately proceed to complete all the remaining items of Work as determined by the Owner in conjunction with the Architect, including items authorized by Change Orders, Construction Change Directives, or items disputed by the Contractor.

8.7.2 The Contractor shall complete all the outstanding remaining items of Work as soon as possible without delay.

8.7.3 If the Contractor fails to complete the remaining items of Work within the time period provided by the Owner, the Owner may arrange for other contractors to complete such items and the direct and indirect costs of such completion shall be charged against the balance due the Contractor or, if no such balance remains, the Contractor shall pay the Owner the costs of such completion.

8.7.4 As an alternative to the procedure described in Subparagraph 8.7.3, the Owner may invoke the performance bond of the Contractor and demand that the surety shall complete the remaining items of work in a timely manner.

8.7.5 The Architect will conduct up to two (2) inspections of the Work during and prior to completion of the project. The Contractor shall be responsible for the costs of any additional inspections required to verify successful completion of the project.

ARTICLE 9

PAYMENTS

9.1 CONTRACT SUM

The Contract Sum is stated in the Owner-Contractor Agreement and, including authorized adjustments, is the total amount payable by the Owner to the Contractor for performance of the Work under the Contract Documents.

9.2 SCHEDULE OF VALUES

9.2.1 Before the first Application for Payment, the Contractor shall submit to the Owner a schedule of values allocated to various portions of the Work, prepared in such form and supported by such data to substantiate its accuracy as the Owner and/or Architect may require. This schedule, unless objected to by the Owner and/or Architect, shall be used as a basis for reviewing the Contractor's Applications for Payment.

9.2.2 The schedule of values shall contain a separate item for each Section of the Specifications broken down in such form as the Owner and/or Architect may require. Each item in the schedule of values shall include its proper share of overhead and profit.

9.3 APPLICATIONS FOR PAYMENT

Once each month, on a date established at the beginning of the Work, the Contractor shall deliver to the Owner by hand, email or mail service, an itemized Invoice for Payment, supported by such data substantiating the Contractor's right to payment as the Owner with the Architect may require, and reflecting retainage in the amount of 10% of the value of the total project cost. The form shall show separately:

- .1 The value of labor and materials incorporated in the Work.
- .2 The value, kind, and quantity of each item of material or equipment not incorporated in the Work but delivered and suitably stored at the site, during the current pay period.
- .3 The value, kind, and quantity of each item of material or equipment not incorporated in the Work but suitably stored at some other location agreed upon in writing, during the current pay period.
- .4 All Change Orders approved up to the date of the Application for Payment.
- .5 The amounts approved for payment for each item on previous applications.

9.4 PAYMENT FOR STORED MATERIALS

9.4.1 The Contractor shall include in such Application for Payment only such materials as are incorporated in the Work. Except however, the Contractor may include the value of materials or equipment delivered at the site of the Work (or at some location agreed to in writing) upon delivery to the Owner of:

1. receipted invoices or other acceptable proof of prior payment by the Contractor for such materials;
2. a stored materials insurance binder (see subparagraph that covers the materials for which payment is requested, that names the Owner as an additionally insured party should the stored materials be subjected to any casualty, loss, or theft prior to their inclusion in the Work.

9.4.2 This material(s) or equipment must, in the judgment of the Owner and/or Architect:

1. meet the requirements of the Contract, including prior shop drawing, product data, and sample approval; and
2. be ready for use; and
3. be properly stored by the Contractor and adequately protected until incorporated into the Work.

9.5 PROGRESS PAYMENTS

9.5.1 The Owner shall mark the date of receipt on the Contractor's Invoice for Payment. The Owner will, within seven days after receipt of the Contractor's Invoice for Payment either return the invoice to the Contractor if it is not in proper form or contains computations not arithmetically correct; or request that the Contractor revise said invoice accordingly. Progress payments will be made at the discretion of the Owner and upon the Owner's satisfaction that the Work progress complies with the schedule of values submitted prior to the onset of construction.

Contract exceeds the rates listed on the Schedule. The Contractor shall cause a copy of said Schedule to be kept in a conspicuous place at the Project site during the term of the Contract. (See M.G.L c.149 §26-27H.) If reserve police officers are employed by the Contractor, they shall be paid the prevailing wage of regular police officers. (See M.G.L c.149 §34B).

11.5 VEHICLE AND EQUIPMENT OPERATORS

If the Director of the Department of Labor and Workforce Development has established a Schedule of wage rates to be paid to the operators of trucks, vehicles or equipment for this Project, the Contractor shall be obligated to pay such operators at least the minimum wage rate contained on such Schedule. (See M.G.L. c.149 §26-27H).

11.6 EXECUTIVE ORDERS

The Contractor shall comply with the provisions of M.G.L. c.151B; Executive Order 526, Order regarding Non-Discrimination, Diversity, Equal Opportunity, and Affirmative Action; pertaining to minority and women owned business enterprises; Executive Order 527 establishing the Office of Access and Opportunity and Executive Order 481, prohibiting the use of undocumented workers on state contracts and all regulations promulgated pursuant thereto. The aforementioned law, executive orders, regulations and any amendments are incorporated herein by reference and made a part of this Contract.

11.7 LEAD BASED PAINT NOTIFICATION

The Contractor shall comply with EPA 40 CFR 745 Subpart E "Residential Property Renovation" for pre-1978 residential properties regarding Owner and Tenant notification using the Pre-Renovation Form for unit work and/or the Renovation Notice for Tenants in Common Areas of Multi-family Housing for common/exterior work and the distribution of the EPA pamphlet Renovate Right: Important Lead Hazard Information for Families, Child Care Providers and Schools prior to renovation activities where more than 2 square feet of painted surfaces per room are disturbed for interior activities or greater than 10 square feet of painted surfaces are disturbed for exterior activities. This applies to work areas that are known to contain lead-based paint (greater than or equal to 1.0 mg/cm² lead via XRF, a "positive" result using sodium sulfide, or 0.5% lead via laboratory analysis) and to work areas that do not have data regarding the lead concentration in the paint.

11.8 CONFLICT OF INTEREST.

The Contractor covenants, that (1) presently, there is no financial interest and shall not acquire any such interest, direct or indirect, which would conflict in any manner or degree with the performance of services required to be performed under this Agreement or which would violate M.G.L. c.268A, as amended; (2) in the performance of this Contract, no person having any such interest shall be employed by the Contractor or engaged as a subcontractor by the contractor; and (3) no partner or employee of the firm is related by blood or marriage to any Board Member or employee of the Awarding Authority.

ARTICLE 12

EQUAL EMPLOYMENT OPPORTUNITY REQUIREMENTS

12.1 The Contractor shall not discriminate against any employee or applicant for employment because of race, color, religious creed, national origin, age, handicap, or sex. The aforesaid provision shall include, but not be limited to, the following: employment upgrading, demotion or transfer; recruitment advertising; recruitment layoff; termination; rates of pay or other forms of compensation; conditions or privileges of employment; and selection for apprenticeship.

ARTICLE 13 INSURANCE

13.1 INSURANCE REQUIREMENTS

13.1.1 The Contractor shall take out and maintain insurance coverage as listed in these Contract Documents with respect to the operations as well as the completed operations of this Contract. This insurance shall be provided at the Contractor's expense and shall be in full force and effect for the full term of the Contract.

13.1.2 All policies shall be issued by companies authorized to write that type of insurance under the laws of this Commonwealth of Massachusetts.

13.2 CONTRACTOR'S COMMERCIAL GENERAL LIABILITY

13.2.1 Provide the following minimum coverage with respect to the operations performed by any employee, Subcontractor, or supplier:

Bodily Injury & \$1,000,000. per occurrence

Property Damage \$2,000,000. general aggregate

Products & Completed Operations \$2,000,000. aggregate

Fire Damage \$1,000,000.

Personal & Advertising Injury \$1,000,000. per occurrence

Umbrella coverage \$5,000,000 per occurrence

13.2.2 This policy shall include coverage relating to explosion, collapse, and underground property damage.

13.2.3 This policy shall include contractual liability coverage.

13.2.4 The Contractor shall provide a separate Owner's and Contractor's Protective Liability policy in the name of the Owner at the same limits listed above.

13.2.5 The completed operations coverage shall be maintained for a period of two (2) years after Substantial Completion as defined in these Contract Documents.

13.2.6 In addition to the coverage listed above the Remediation Contractor ("Abatement Contractor") shall provide evidence of specific coverage under its Commercial General Liability policy. This additional coverage shall be purchased and maintained by the Abatement Contractor. The policy shall:

.1 be written on a "true" occurrence basis without any "sunset" clause;

.2 have the pollution exclusion amended to add back coverage for all pollution claims.

.3 include separate products and completed operations coverage, which shall be maintained for (2) years after Substantial Completion, as defined in these Contract Documents.

.4 provide the following limits of insurance:

Bodily Injury & \$1,000,000. per occurrence

Property Damage \$2,000,000. general aggregate

Products & Completed Operations \$2,000,000. aggregate

Fire Damage \$1,000,000.

Personal & Advertising Injury \$1,000,000. per occurrence

Umbrella coverage \$5,000,000 per occurrence

13.3 VEHICLE LIABILITY

Provide the following minimum coverage with respect to the operations of any employee, including coverage for owned, non-owned, and hired vehicles:

Bodily Injury and \$ 1,000,000. each person

Property Damage \$ 1,000,000. each accident

Combined Single Limit of \$1,000,000

13.4 WORKER'S COMPENSATION

Provide the following coverage in accordance with M.G.L. c.149 §34A and c.152 as amended:

Worker's Compensation

Coverage A Provide Statutory Minimum

Employer's Liability \$ 500,000. each accident

Coverage B \$ 500,000. disease per employee

\$ 500,000. disease policy

13.5 PROPERTY COVERAGE

13.5.1 Provide Builder's Risk (Special Perils) coverage against loss or damage by fire and against loss or damage covered by the special perils insurance endorsement on all work included in this contract in an amount equal to at least 80% of Contract Amount.

13.5.2 When work will be completed on existing buildings owned by the Owner, the Contractor shall provide an installation floater, in the full amount of the Contract, for the requirements set forth in Subparagraph 16.5.

13.5.3 This policy and/or installation floater shall indicate if Stored Materials coverage is provided as required by these Documents herein.

13.6.1 The policy or policies shall specifically state that they are for the benefit of and payable to the Owner, the Contractor, and all persons furnishing labor or labor and materials for the Contract Work, as their interests may appear in these Documents. The Builder's Risk (Special Perils) coverage shall include any costs for work performed by the Architect or any consultant as the result of a loss experienced during the life of this contract.

13.7 OWNER AS ADDITIONAL INSURED

The Owner at 82 Lincoln Street, Newton Highlands MA 02461 in addition to the properties located at 52-54 Wyman Street and 68-70 Wyman Street, Waban MA 02468 shall be named and listed as additionally insured on the Contractor's Commercial Liability Policies.

13.8 CERTIFICATES OF INSURANCE, POLICIES

16.8.1 Certificates of insurance, acceptable to the Owner, shall be submitted to the Owner simultaneously with the execution of the Contract. Certificates shall indicate that the contractual liability coverage, and Owner's and Contractor's Protective Liability coverage is in force, as well as the deletions of the XCU exclusions.

13.8.2 The Contractor shall file the original and one certified copy of all policies with the Owner prior to the commencement of any Work.

13.9 CANCELLATION

Cancellation of any insurance required by this contract, whether by the insurer or the insured, shall not be valid unless written notice thereof is given by the party proposing cancellation to the other party and Owner at least thirty days prior to the effective date thereof, which shall be expressed in said notice

ARTICLE 14

INDEMNIFICATION

The Contractor shall take all responsibility for the Work and take all precautions for preventing injuries to persons and property in or about the Work; shall bear all losses resulting from or on account of the amount or character of the Work. The Contractor shall pay or cause payment to be made for all labor performed or furnished and for all materials used or employed in carrying out this Contract. The Contractor shall assume the defense of, and indemnify and save harmless, the Architect and the Owner and its agents from any and all claims relating to: labor performed or furnished and materials used or employed for the Work; inventions, patents and patent rights used in and in doing the Work unless such patent infringement is due to a product or process specified by the Owner; injuries to any person or corporation received or sustained by or from the Contractor and any employees, and Subcontractors and employees, in doing the work, or in consequence of any improper materials, implements or labor used or employed therein; and any act, omission, or neglect of the Contractor and any employees.

ARTICLE 15

PERFORMANCE AND PAYMENT BONDS

15.1 CONTRACTOR BONDS

15.1.1 The Contractor shall provide the Owner with performance and payment (labor and materials) bonds in the form provided by the Owner, executed by a surety licensed by the Commonwealth's Division of Insurance. Each such bond shall be in the amount of 100% of the Contract Sum.

15.1.2 If at any time prior to final payment to the Contractor, the Surety:

- .1 is adjudged bankrupt or has made a general assignment for the benefit of its creditors;
- .2 has liquidated all assets and has made a general assignment for the benefit of its creditors;
- .3 is placed in receivership;
- .4 otherwise petitions a state or federal court for protection from its creditors; or
- .5 allows its license to do business in Massachusetts to lapse or be revoked;

the Contractor shall, within 21 days of any such action listed above, provide the Owner with new performance and payment bonds as described herein within these Contract Documents. Such bonds shall be provided solely at the Contractor's expense.

ARTICLE 16

TERMINATION

16.1 TERMINATION FOR CAUSE

16.1.1 The Owner may terminate this contract for cause if it determines that any of the following circumstances have occurred:

- .1 The Contractor is adjudged bankrupt or has made a general assignment for the benefit of its creditors;
- .2 A receiver has been appointed of the Contractor's property;
- .3 All or a part of the Work has been abandoned;
- .4 The Contractor has sublet or assigned all or any portion of the Work, the Contract, or claims thereunder, without the prior written consent of the Owner, except as provided in the Contract;
- .5 The Owner and/or Architect has determined that the rate of progress required on the project is not being met, or

.6 The Contractor has substantially violated any provisions of this Contract herein. In the event of such termination, the Owner may hold the Contractor and its sureties liable in damages as for a breach of contract, or the Owner may notify the Contractor to discontinue all work, or any part thereof, and the Contractor shall discontinue all work, or any part thereof, as the Owner may designate.

16.1.3 The Owner may complete the work, or any part thereof, and charge the expense of completing the Work or part thereof, to the Contractor.

16.1.4 The Owner may take possession of and use any materials, machinery, implements and tools found upon the site of said Work. The Owner shall not be liable for any depreciation, loss or damage to said materials, machinery, implements or tools during said use and the Contractor shall be solely responsible for their removal from the Project site after the Owner has no further use for them.

16.1.5 The Owner may, at its option, require the surety or sureties to complete the Contract.

16.2 TERMINATION LIABILITIES

16.2.1 All expenses charged under these provisions of the Contract Documents shall be deducted and paid by the Owner out of any moneys then due or to become due the Contractor under this Contract; and in such accounting the Owner shall not be held to obtain the lowest figures, by competitive bid or otherwise, for the completion of the Work or any part thereof.

16.2.2 All sums actually paid by the Owner to complete the Work shall be charged to the Contractor. In case the expenses charged are less than the sum which would have been payable under this Contract if the same had been completed by the Contractor, the Contractor shall be entitled to receive the difference. In case such expenses shall exceed the said sum, the Contractor shall pay the amount of the excess to the Owner.

16.2.3 Expenses incurred under these conditions of Termination shall also include, but not be limited to, costs for Architectural extra services and Project Representative services required, in the opinion of the Owner, to successfully inspect and administer the construction contract through final completion, as described herein.

16.3 TERMINATION - NO FAULT

16.3.1 In the event that this Contract is terminated by the Owner, and termination is not based on a reason listed in earlier paragraphs of this section related to Termination, the Contractor shall be compensated for its costs incurred on the Project, including reasonable costs of demobilization, calculated on a percent completion basis as provided in Article 10, covering the period of time between the last periodic payment and the date of termination.

16.3.2 Payment by the Owner pursuant to Termination shall be considered to fully compensate the Contractor for all claims and expenses and those of any consultants, Subcontractors, and suppliers, directly or indirectly attributable to the termination, including any claims for lost profits.



CHARLES D. BAKER
Governor

KARYN E. DUKAKIS
Lieutenant Governor

THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DEPARTMENT OF LABOR STANDARDS

Prevailing Wage Rates

As determined by the Director under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H

ROSAUN ACOSTA

WILLIAM D. MCKINNEY
Director

Awarding Authority: Newton Housing Authority
Contract Number: WYWR20170825 City/Town: NEWTON
Description of Work: Demolition of existing windows and replacement with lithium glass windows in 52-54 and 68-70 Wyman Street, Waban, MA
Job Location: 52-54 and 68-70 Wyman Street

Information about Prevailing Wage Schedules for Awarding Authorities and Contractors

This wage schedule applies only to the specific project referenced at the top of this page and uniquely identified by the wage request number on all pages of this schedule.

An Awarding Authority must request an updated wage schedule from the Department of Labor Standards ("DLS") if it has not opened bids or selected a contractor within 90 days of the date of issuance of the wage schedule. For CM AT RISK projects (bid pursuant to G.L. c. 149A), the earlier of: (a) the execution date of the GMP Amendment, or (b) the bid for the first construction scope of work must be within 90-days of the wage schedule issuance date.

The wage schedule shall be incorporated in any advertisement or call for bids for the project as required by M.G.L. c. 149, § 27. The wage schedule shall be made a part of the contract awarded for the project. The wage schedule must be posted in a conspicuous place at the work site for the life of the project in accordance with M.G.L. c. 149 § 27. The wages listed on the wage schedule must be paid to employees performing construction work on the project whether they are employed by the prime contractor, a listed sub-bidder, or any sub-contractor.

All apprentices working on the project are required to be registered with the Massachusetts Department of Labor Standards, Division of Apprentice Standards (DLS/DAS). Apprentice must keep his/her apprentice identification card on his/her person during all work hours on the project. An apprentice registered with DAS may be paid the lower apprentice wage rate at the applicable step as provided on the prevailing wage schedule. Any apprentice not registered with DLS/DAS regardless of whether or not they are registered with any other federal, state, local, or private agency must be paid the journeyworker's rate for the trade.

The wage rates will remain in effect for the duration of the project, except in the case of multi-year public construction projects. For construction projects lasting longer than one year, awarding authorities must request an updated wage schedule. Awarding authorities are required to request these updates no later than two weeks before the anniversary of the date the contract was executed by the awarding authority and the general contractor. For multi-year CM AT RISK projects, awarding authority must request an annual update no later than two weeks before the anniversary date, determined as the earlier of: (a) the execution date of the GMP Amendment, or (b) the execution date of the first amendment to permit procurement of construction services. Contractors are required to obtain the wage schedules from awarding authorities, and to pay no less than these rates to covered workers. The annual update requirement is not applicable to 27F "rental of equipment" contracts.

Every contractor or subcontractor which performs construction work on the project is required to submit weekly payroll reports and a Statement of Compliance directly to the awarding authority by mail or email and keep them on file for three years. Each weekly payroll report must contain: the employee's name, address, occupational classification, hours worked, and wages paid. Do not submit weekly payroll reports to DLS. A sample of a payroll reporting form may be obtained at <http://www.mass.gov/dols/pv>.

Contractors with questions about the wage rates or classifications included on the wage schedule have an affirmative obligation to inquire with DLS at (617) 626-6953.

Employees not receiving the prevailing wage rate set forth on the wage schedule may report the violation to the Fair Labor Division of the office of the Attorney General at (617) 727-3465.

Failure of a contractor or subcontractor to pay the prevailing wage rates listed on the wage schedule to all employees who perform construction work on the project is a violation of the law and subjects the contractor or subcontractor to civil and

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Construction						
(2 AXLE) DRIVER-EQUIPMENT TEAMSTERS JOINT COUNCIL NO. 10 ZONE A	12/01/2016	\$33.25	\$10.91	\$10.89	\$0.00	\$55.05
(3 AXLE) DRIVER-EQUIPMENT TEAMSTERS JOINT COUNCIL NO. 10 ZONE A	12/01/2016	\$33.32	\$10.91	\$10.89	\$0.00	\$55.12
(4 & 5 AXLE) DRIVER-EQUIPMENT TEAMSTERS JOINT COUNCIL NO. 10 ZONE A	12/01/2016	\$33.44	\$10.91	\$10.89	\$0.00	\$55.24
ADS/SUBMERSIBLE PILOT PILE DRIVER W CAL 56 (ZONE I)	08/01/2015	\$88.29	\$9.80	\$19.23	\$0.00	\$117.32
For apprentice rates see "Apprentice- PILE DRIVER"						
AIR TRACK OPERATOR LABORERS- ZONE I	06/01/2017	\$37.60	\$7.60	\$14.65	\$0.00	\$59.85
	12/01/2017	\$38.45	\$7.60	\$14.65	\$0.00	\$60.70
	06/01/2018	\$39.40	\$7.60	\$14.65	\$0.00	\$61.65
	12/01/2018	\$40.35	\$7.60	\$14.65	\$0.00	\$62.60
	06/01/2019	\$41.35	\$7.60	\$14.65	\$0.00	\$63.60
	12/01/2019	\$42.35	\$7.60	\$14.65	\$0.00	\$64.60
For apprentice rates see "Apprentice- LABORER"						
ASBESTOS REMOVER- PIPE / MECH. EQUIPT. HEAT & FROST INSULATORS W CAL 6 (BOSTON)	06/01/2017	\$34.90	\$11.50	\$7.10	\$0.00	\$53.50
	12/01/2017	\$35.90	\$11.50	\$7.10	\$0.00	\$54.50
	06/01/2018	\$36.90	\$11.50	\$7.10	\$0.00	\$55.50
	12/01/2018	\$37.90	\$11.50	\$7.10	\$0.00	\$56.50
	06/01/2019	\$38.90	\$11.50	\$7.10	\$0.00	\$57.50
	12/01/2019	\$39.90	\$11.50	\$7.10	\$0.00	\$58.50
	06/01/2020	\$40.90	\$11.50	\$7.10	\$0.00	\$59.50
	12/01/2020	\$41.90	\$11.50	\$7.10	\$0.00	\$60.50
ASPHALT RAKER LABORERS- ZONE I	06/01/2017	\$37.10	\$7.60	\$14.65	\$0.00	\$59.35
	12/01/2017	\$37.95	\$7.60	\$14.65	\$0.00	\$60.20
	06/01/2018	\$38.90	\$7.60	\$14.65	\$0.00	\$61.15
	12/01/2018	\$39.85	\$7.60	\$14.65	\$0.00	\$62.10
	06/01/2019	\$40.85	\$7.60	\$14.65	\$0.00	\$63.10
	12/01/2019	\$41.85	\$7.60	\$14.65	\$0.00	\$64.10
For apprentice rates see "Apprentice- LABORER"						
ASPHALT/CONCRETE CRUSHER PLANT-ON SITE OPERATING ENGINEERS W CAL 4	06/01/2017	\$46.38	\$10.00	\$15.25	\$0.00	\$71.63
	12/01/2017	\$47.38	\$10.00	\$15.25	\$0.00	\$72.63
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
BACKHOE/FRONT-END LOADER OPERATING ENGINEERS LOCAL 4	06/01/2017	\$46.38	\$10.00	\$15.25	\$0.00	\$71.63
	12/01/2017	\$47.38	\$10.00	\$15.25	\$0.00	\$72.63
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
BARCO-TYPE JUMPING TAMPER LABORERS- ZONE I	06/01/2017	\$37.10	\$7.60	\$14.65	\$0.00	\$59.35
	12/01/2017	\$37.95	\$7.60	\$14.65	\$0.00	\$60.20
	06/01/2018	\$38.90	\$7.60	\$14.65	\$0.00	\$61.15
	12/01/2018	\$39.85	\$7.60	\$14.65	\$0.00	\$62.10
	06/01/2019	\$40.85	\$7.60	\$14.65	\$0.00	\$63.10
	12/01/2019	\$41.85	\$7.60	\$14.65	\$0.00	\$64.10
For apprentice rates see "Apprentice- LABORER"						

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
BLOCK PAVER, RAMMER / CURB SETTER LABORERS - ZONE 1	06/01/2017	\$37.60	\$7.60	\$14.65	\$0.00	\$59.85
	12/01/2017	\$38.45	\$7.60	\$14.65	\$0.00	\$60.70
	06/01/2018	\$39.40	\$7.60	\$14.65	\$0.00	\$61.65
	12/01/2018	\$40.35	\$7.60	\$14.65	\$0.00	\$62.60
	06/01/2019	\$41.35	\$7.60	\$14.65	\$0.00	\$63.60
	12/01/2019	\$42.35	\$7.60	\$14.65	\$0.00	\$64.60

For apprentice rates see "Apprentice- LABORER"

BOILER MAKER BOILERMAKERS LOCAL 29	01/01/2017	\$42.92	\$6.97	\$16.21	\$0.00	\$66.10
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Apprentice - BOILERMAKER - Local 29

Effective Date - 01/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	65	\$27.90	\$6.97	\$10.54	\$0.00	\$45.41
2	65	\$27.90	\$6.97	\$10.54	\$0.00	\$45.41
3	70	\$30.04	\$6.97	\$11.35	\$0.00	\$48.36
4	75	\$32.19	\$6.97	\$12.16	\$0.00	\$51.32
5	80	\$34.34	\$6.97	\$12.97	\$0.00	\$54.28
6	85	\$36.48	\$6.97	\$13.78	\$0.00	\$57.23
7	90	\$38.63	\$6.97	\$14.59	\$0.00	\$60.19
8	95	\$40.77	\$6.97	\$15.40	\$0.00	\$63.14

Notes:

Apprentice to Journeyworker Ratio:1:5

BRICK/STONE/ARTIFICIAL MASONRY (INCL. MASONRY WATERPROOFING) BRICKLAYERS LOCAL 3 (NEWTON)	03/01/2017	\$50.76	\$10.75	\$19.22	\$0.00	\$80.73
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Apprentice - BRICK/PLASTER/CEMENT MASON - Local 3 Newton

Effective Date - 03/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$25.38	\$10.75	\$19.22	\$0.00	\$55.35
2	60	\$30.46	\$10.75	\$19.22	\$0.00	\$60.43
3	70	\$35.53	\$10.75	\$19.22	\$0.00	\$65.50
4	80	\$40.61	\$10.75	\$19.22	\$0.00	\$70.58
5	90	\$45.68	\$10.75	\$19.22	\$0.00	\$75.65

Notes:

Apprentice to Journeyworker Ratio:1:5

BULLDOZER/GRADER/SCRAPER OPERATING ENGINEERS LOCAL 4	06/01/2017	\$45.93	\$10.00	\$15.25	\$0.00	\$71.18
	12/01/2017	\$46.92	\$10.00	\$15.25	\$0.00	\$72.17

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
CAISSON & UNDERPINNING BOTTOM MAN <i>LABORERS - FOUNDATION AND MARINE</i>	12/01/2016	\$37.45	\$7.60	\$14.35	\$0.00	\$59.40
For apprentice rates see "Apprentice- LABORER"						
CAISSON & UNDERPINNING LABORER <i>LABORERS - FOUNDATION AND MARINE</i>	12/01/2016	\$36.30	\$7.60	\$14.35	\$0.00	\$58.25
For apprentice rates see "Apprentice- LABORER"						
CAISSON & UNDERPINNING TOP MAN <i>LABORERS - FOUNDATION AND MARINE</i>	12/01/2016	\$36.30	\$7.60	\$14.35	\$0.00	\$58.25
For apprentice rates see "Apprentice- LABORER"						
CARBIDE CORE DRILL OPERATOR <i>LABORERS - ZONE 1</i>	06/01/2017	\$37.10	\$7.60	\$14.65	\$0.00	\$59.35
	12/01/2017	\$37.95	\$7.60	\$14.65	\$0.00	\$60.20
	06/01/2018	\$38.90	\$7.60	\$14.65	\$0.00	\$61.15
	12/01/2018	\$39.85	\$7.60	\$14.65	\$0.00	\$62.10
	06/01/2019	\$40.85	\$7.60	\$14.65	\$0.00	\$63.10
	12/01/2019	\$41.85	\$7.60	\$14.65	\$0.00	\$64.10
For apprentice rates see "Apprentice- LABORER"						
CARPENTER <i>CARPENTERS -ZONE 2 (Eastern Massachusetts)</i>	03/01/2017	\$38.77	\$9.90	\$17.00	\$0.00	\$65.67
	09/01/2017	\$39.78	\$9.90	\$17.00	\$0.00	\$66.68
	03/01/2018	\$40.78	\$9.90	\$17.00	\$0.00	\$67.68
	09/01/2018	\$41.82	\$9.90	\$17.00	\$0.00	\$68.72
	03/01/2019	\$42.85	\$9.90	\$17.00	\$0.00	\$69.75

Classification

**Effective Date Base Wage Health Pension Supplemental
Unemployment Total Rate**

Apprentice - CARPENTER - Zone 2 Eastern MA

Effective Date - 03/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$19.39	\$9.90	\$1.63	\$0.00	\$30.92
2	60	\$23.26	\$9.90	\$1.63	\$0.00	\$34.79
3	70	\$27.14	\$9.90	\$12.11	\$0.00	\$49.15
4	75	\$29.08	\$9.90	\$12.11	\$0.00	\$51.09
5	80	\$31.02	\$9.90	\$13.74	\$0.00	\$54.66
6	80	\$31.02	\$9.90	\$13.74	\$0.00	\$54.66
7	90	\$34.89	\$9.90	\$15.37	\$0.00	\$60.16
8	90	\$34.89	\$9.90	\$15.37	\$0.00	\$60.16

Effective Date - 09/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$19.89	\$9.90	\$1.63	\$0.00	\$31.42
2	60	\$23.87	\$9.90	\$1.63	\$0.00	\$35.40
3	70	\$27.85	\$9.90	\$12.11	\$0.00	\$49.86
4	75	\$29.84	\$9.90	\$12.11	\$0.00	\$51.85
5	80	\$31.82	\$9.90	\$13.74	\$0.00	\$55.46
6	80	\$31.82	\$9.90	\$13.74	\$0.00	\$55.46
7	90	\$35.80	\$9.90	\$15.37	\$0.00	\$61.07
8	90	\$35.80	\$9.90	\$15.37	\$0.00	\$61.07

Notes:

Apprentice to Journeyworker Ratio:1:5

CEMENT MASONRY/PLASTERING	07/01/2017	\$46.30	\$12.20	\$19.41	\$1.30	\$79.21
BRICKLAYERS LOCAL 3 (NEWTON)	01/01/2018	\$46.54	\$12.20	\$19.41	\$1.30	\$79.45
	07/01/2018	\$46.79	\$12.20	\$19.41	\$1.30	\$79.70
	01/01/2019	\$47.03	\$12.20	\$19.41	\$1.30	\$79.94
	07/01/2019	\$47.27	\$12.20	\$19.41	\$1.30	\$80.18
	01/01/2020	\$47.52	\$12.20	\$19.41	\$1.30	\$80.43

Classification

Effective Date Base Wage Health Pension Supplemental
Unemployment Total Rate

Apprentice - CEMENT MASONRY/PLASTERING - Eastern Mass (Newton)

Effective Date - 07/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$23.15	\$12.20	\$12.41	\$0.00	\$47.76
2	60	\$27.78	\$12.20	\$14.41	\$1.30	\$55.69
3	65	\$30.10	\$12.20	\$15.41	\$1.30	\$59.01
4	70	\$32.41	\$12.20	\$16.41	\$1.30	\$62.32
5	75	\$34.73	\$12.20	\$17.41	\$1.30	\$65.64
6	80	\$37.04	\$12.20	\$18.41	\$1.30	\$68.95
7	90	\$41.67	\$12.20	\$19.41	\$1.30	\$74.58

Effective Date - 01/01/2018

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$23.27	\$12.20	\$12.41	\$0.00	\$47.88
2	60	\$27.92	\$12.20	\$14.41	\$1.30	\$55.83
3	65	\$30.25	\$12.20	\$15.41	\$1.30	\$59.16
4	70	\$32.58	\$12.20	\$16.41	\$1.30	\$62.49
5	75	\$34.91	\$12.20	\$17.41	\$1.30	\$65.82
6	80	\$37.23	\$12.20	\$18.41	\$1.30	\$69.14
7	90	\$41.89	\$12.20	\$19.41	\$1.30	\$74.80

Notes:

Steps 3,4 are 500 hrs. All other steps are 1,000 hrs.

Apprentice to Journeyworker Ratio:1:3

CHAIN SAW OPERATOR

LABORERS - ZONE 1

06/01/2017	\$37.10	\$7.60	\$14.65	\$0.00	\$59.35
12/01/2017	\$37.95	\$7.60	\$14.65	\$0.00	\$60.20
06/01/2018	\$38.90	\$7.60	\$14.65	\$0.00	\$61.15
12/01/2018	\$39.85	\$7.60	\$14.65	\$0.00	\$62.10
06/01/2019	\$40.85	\$7.60	\$14.65	\$0.00	\$63.10
12/01/2019	\$41.85	\$7.60	\$14.65	\$0.00	\$64.10

For apprentice rates see "Apprentice- LABORER"

CLAM SHELLS/SLURRY BUCKETS/HEADING MACHINES

OPERATING ENGINEERS LOCAL 4

06/01/2017	\$47.38	\$10.00	\$15.25	\$0.00	\$72.63
12/01/2017	\$48.38	\$10.00	\$15.25	\$0.00	\$73.63

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

COMPRESSOR OPERATOR

OPERATING ENGINEERS LOCAL 4

06/01/2017	\$31.86	\$10.00	\$15.25	\$0.00	\$57.11
12/01/2017	\$32.55	\$10.00	\$15.25	\$0.00	\$57.80

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

DELEADER (BRIDGE)

PAINTERS LOCAL 35 - ZONE 2

01/01/2017	\$51.41	\$7.85	\$16.10	\$0.00	\$75.36
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Classification

Effective Date Base Wage Health Pension Supplemental
Unemployment Total Rate

Apprentice - PAINTER Local 35 - BRIDGES/TANKS

Effective Date - 01/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$25.71	\$7.85	\$0.00	\$0.00	\$33.56
2	55	\$28.28	\$7.85	\$3.66	\$0.00	\$39.79
3	60	\$30.85	\$7.85	\$3.99	\$0.00	\$42.69
4	65	\$33.42	\$7.85	\$4.32	\$0.00	\$45.59
5	70	\$35.99	\$7.85	\$14.11	\$0.00	\$57.95
6	75	\$38.56	\$7.85	\$14.44	\$0.00	\$60.85
7	80	\$41.13	\$7.85	\$14.77	\$0.00	\$63.75
8	90	\$46.27	\$7.85	\$15.44	\$0.00	\$69.56

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

DEMO: ADZEMAN

LABORERS - ZONE 1

06/01/2017	\$37.00	\$7.60	\$14.65	\$0.00	\$59.25
12/01/2017	\$37.85	\$7.60	\$14.65	\$0.00	\$60.10
06/01/2018	\$38.80	\$7.60	\$14.65	\$0.00	\$61.05
12/01/2018	\$39.75	\$7.60	\$14.65	\$0.00	\$62.00
06/01/2019	\$40.75	\$7.60	\$14.65	\$0.00	\$63.00
12/01/2019	\$41.75	\$7.60	\$14.65	\$0.00	\$64.00

For apprentice rates see "Apprentice- LABORER"

DEMO: BACKHOE/LOADER/HAMMER OPERATOR

LABORERS - ZONE 1

06/01/2017	\$38.00	\$7.60	\$14.65	\$0.00	\$60.25
12/01/2017	\$38.85	\$7.60	\$14.65	\$0.00	\$61.10
06/01/2018	\$39.80	\$7.60	\$14.65	\$0.00	\$62.05
12/01/2018	\$40.75	\$7.60	\$14.65	\$0.00	\$63.00
06/01/2019	\$41.75	\$7.60	\$14.65	\$0.00	\$64.00
12/01/2019	\$42.75	\$7.60	\$14.65	\$0.00	\$65.00

For apprentice rates see "Apprentice- LABORER"

DEMO: BURNERS

LABORERS - ZONE 1

06/01/2017	\$37.75	\$7.60	\$14.65	\$0.00	\$60.00
12/01/2017	\$38.60	\$7.60	\$14.65	\$0.00	\$60.85
06/01/2018	\$39.55	\$7.60	\$14.65	\$0.00	\$61.80
12/01/2018	\$40.50	\$7.60	\$14.65	\$0.00	\$62.75
06/01/2019	\$41.50	\$7.60	\$14.65	\$0.00	\$63.75
12/01/2019	\$42.50	\$7.60	\$14.65	\$0.00	\$64.75

For apprentice rates see "Apprentice- LABORER"

DEMO: CONCRETE CUTTER/SAWYER

LABORERS - ZONE 1

06/01/2017	\$38.00	\$7.60	\$14.65	\$0.00	\$60.25
12/01/2017	\$38.85	\$7.60	\$14.65	\$0.00	\$61.10
06/01/2018	\$39.80	\$7.60	\$14.65	\$0.00	\$62.05
12/01/2018	\$40.75	\$7.60	\$14.65	\$0.00	\$63.00
06/01/2019	\$41.75	\$7.60	\$14.65	\$0.00	\$64.00
12/01/2019	\$42.75	\$7.60	\$14.65	\$0.00	\$65.00

For apprentice rates see "Apprentice- LABORER"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
DEMO: JACKHAMMER OPERATOR LABORERS - ZONE 1	06/01/2017	\$37.75	\$7.60	\$14.65	\$0.00	\$60.00
	12/01/2017	\$38.60	\$7.60	\$14.65	\$0.00	\$60.85
	06/01/2018	\$39.55	\$7.60	\$14.65	\$0.00	\$61.80
	12/01/2018	\$40.50	\$7.60	\$14.65	\$0.00	\$62.75
	06/01/2019	\$41.50	\$7.60	\$14.65	\$0.00	\$63.75
	12/01/2019	\$42.50	\$7.60	\$14.65	\$0.00	\$64.75
For apprentice rates see "Apprentice- LABORER"						
DEMO: WRECKING LABORER LABORERS - ZONE 1	06/01/2017	\$37.00	\$7.60	\$14.65	\$0.00	\$59.25
	12/01/2017	\$37.85	\$7.60	\$14.65	\$0.00	\$60.10
	06/01/2018	\$38.80	\$7.60	\$14.65	\$0.00	\$61.05
	12/01/2018	\$39.75	\$7.60	\$14.65	\$0.00	\$62.00
	06/01/2019	\$40.75	\$7.60	\$14.65	\$0.00	\$63.00
	12/01/2019	\$41.75	\$7.60	\$14.65	\$0.00	\$64.00
For apprentice rates see "Apprentice- LABORER"						
DIRECTIONAL DRILL MACHINE OPERATOR OPERATING ENGINEERS LOCAL 4	06/01/2017	\$45.93	\$10.00	\$15.25	\$0.00	\$71.18
	12/01/2017	\$46.92	\$10.00	\$15.25	\$0.00	\$72.17
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
DIVER PILE DRIVER LOCAL 56 (ZONE 1)	08/01/2015	\$58.86	\$9.80	\$19.23	\$0.00	\$87.89
For apprentice rates see "Apprentice- PILE DRIVER"						
DIVER TENDER PILE DRIVER LOCAL 56 (ZONE 1)	08/01/2015	\$42.04	\$9.80	\$19.23	\$0.00	\$71.07
For apprentice rates see "Apprentice- PILE DRIVER"						
DIVER TENDER (EFFLUENT) PILE DRIVER LOCAL 56 (ZONE 1)	08/01/2015	\$63.06	\$9.80	\$19.23	\$0.00	\$92.09
For apprentice rates see "Apprentice- PILE DRIVER"						
DIVER/SLURRY (EFFLUENT) PILE DRIVER LOCAL 56 (ZONE 1)	08/01/2015	\$88.23	\$9.80	\$19.23	\$0.00	\$117.26
For apprentice rates see "Apprentice- PILE DRIVER"						
DRAWBRIDGE OPERATOR (Construction) ELECTRICIANS LOCAL 103	03/01/2017	\$48.33	\$13.00	\$17.45	\$0.00	\$78.78
	09/01/2017	\$49.28	\$13.00	\$17.48	\$0.00	\$79.76
	03/01/2018	\$50.48	\$13.00	\$17.51	\$0.00	\$80.99
	09/01/2018	\$51.67	\$13.00	\$17.55	\$0.00	\$82.22
	03/01/2019	\$52.87	\$13.00	\$17.59	\$0.00	\$83.46
For apprentice rates see "Apprentice- ELECTRICIAN"						
ELECTRICIAN ELECTRICIANS LOCAL 103	03/01/2017	\$48.33	\$13.00	\$17.45	\$0.00	\$78.78
	09/01/2017	\$49.28	\$13.00	\$17.48	\$0.00	\$79.76
	03/01/2018	\$50.48	\$13.00	\$17.51	\$0.00	\$80.99
	09/01/2018	\$51.67	\$13.00	\$17.55	\$0.00	\$82.22
	03/01/2019	\$52.87	\$13.00	\$17.59	\$0.00	\$83.46

Classification

**Effective Date Base Wage Health Pension Supplemental
Unemployment Total Rate**

Apprentice - ELECTRICIAN - Local 103
Effective Date - 03/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$19.33	\$13.00	\$0.58	\$0.00	\$32.91
2	40	\$19.33	\$13.00	\$0.58	\$0.00	\$32.91
3	45	\$21.75	\$13.00	\$13.37	\$0.00	\$48.12
4	45	\$21.75	\$13.00	\$13.37	\$0.00	\$48.12
5	50	\$24.17	\$13.00	\$13.75	\$0.00	\$50.92
6	55	\$26.58	\$13.00	\$14.11	\$0.00	\$53.69
7	60	\$29.00	\$13.00	\$14.48	\$0.00	\$56.48
8	65	\$31.41	\$13.00	\$14.85	\$0.00	\$59.26
9	70	\$33.83	\$13.00	\$15.22	\$0.00	\$62.05
10	75	\$36.25	\$13.00	\$15.60	\$0.00	\$64.85

Effective Date - 09/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$19.71	\$13.00	\$0.59	\$0.00	\$33.30
2	40	\$19.71	\$13.00	\$0.59	\$0.00	\$33.30
3	45	\$22.18	\$13.00	\$13.39	\$0.00	\$48.57
4	45	\$22.18	\$13.00	\$13.39	\$0.00	\$48.57
5	50	\$24.64	\$13.00	\$13.76	\$0.00	\$51.40
6	55	\$27.10	\$13.00	\$14.12	\$0.00	\$54.22
7	60	\$29.57	\$13.00	\$14.50	\$0.00	\$57.07
8	65	\$32.03	\$13.00	\$14.87	\$0.00	\$59.90
9	70	\$34.50	\$13.00	\$15.25	\$0.00	\$62.75
10	75	\$36.96	\$13.00	\$15.62	\$0.00	\$65.58

Notes: :

App Prior 1/1/03; 30/35/40/45/50/55/65/70/75/80

Apprentice to Journeyworker Ratio:2:3***

ELEVATOR CONSTRUCTOR	01/01/2017	\$55.86	\$15.28	\$15.71	\$0.00	\$86.85
<i>ELEVATOR CONSTRUCTORS LOCAL 4</i>						

Classification

Effective Date

Base Wage

Health

Pension

Supplemental
Unemployment

Total Rate

Apprentice - ELEVATOR CONSTRUCTOR - Local 4**Effective Date - 01/01/2017**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$27.93	\$15.28	\$0.00	\$0.00	\$43.21
2	55	\$30.72	\$15.28	\$15.71	\$0.00	\$61.71
3	65	\$36.31	\$15.28	\$15.71	\$0.00	\$67.30
4	70	\$39.10	\$15.28	\$15.71	\$0.00	\$70.09
5	80	\$44.69	\$15.28	\$15.71	\$0.00	\$75.68

Notes:

Steps 1-2 are 6 mos.; Steps 3-5 are 1 year

Apprentice to Journeyworker Ratio:1:1**ELEVATOR CONSTRUCTOR HELPER***ELEVATOR CONSTRUCTORS LOCAL 4*

01/01/2017 \$39.10 \$15.28 \$15.71 \$0.00 \$70.09

For apprentice rates see "Apprentice - ELEVATOR CONSTRUCTOR"

FENCE & GUARD RAIL ERECTOR*LABORERS - ZONE 1*

06/01/2017 \$37.10 \$7.60 \$14.65 \$0.00 \$59.35

12/01/2017 \$37.95 \$7.60 \$14.65 \$0.00 \$60.20

06/01/2018 \$38.90 \$7.60 \$14.65 \$0.00 \$61.15

12/01/2018 \$39.85 \$7.60 \$14.65 \$0.00 \$62.10

06/01/2019 \$40.85 \$7.60 \$14.65 \$0.00 \$63.10

12/01/2019 \$41.85 \$7.60 \$14.65 \$0.00 \$64.10

For apprentice rates see "Apprentice- LABORER"

FIELD ENG.INST.PERSON-BLDG,SITE,HVY/HWY*OPERATING ENGINEERS LOCAL 4*

05/01/2017 \$42.15 \$10.00 \$15.25 \$0.00 \$67.40

11/01/2017 \$42.88 \$10.00 \$15.25 \$0.00 \$68.13

05/01/2018 \$43.59 \$10.00 \$15.25 \$0.00 \$68.84

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

FIELD ENG.PARTY CHIEF-BLDG,SITE,HVY/HWY*OPERATING ENGINEERS LOCAL 4*

05/01/2017 \$43.61 \$10.00 \$15.25 \$0.00 \$68.86

11/01/2017 \$44.34 \$10.00 \$15.25 \$0.00 \$69.59

05/01/2018 \$45.06 \$10.00 \$15.25 \$0.00 \$70.31

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

FIELD ENG.ROD PERSON-BLDG,SITE,HVY/HWY*OPERATING ENGINEERS LOCAL 4*

05/01/2017 \$22.41 \$10.00 \$15.25 \$0.00 \$47.66

11/01/2017 \$22.83 \$10.00 \$15.25 \$0.00 \$48.08

05/01/2018 \$23.26 \$10.00 \$15.25 \$0.00 \$48.51

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

FIRE ALARM INSTALLER*ELECTRICIANS LOCAL 103*

03/01/2017 \$48.33 \$13.00 \$17.45 \$0.00 \$78.78

09/01/2017 \$49.28 \$13.00 \$17.48 \$0.00 \$79.76

03/01/2018 \$50.48 \$13.00 \$17.51 \$0.00 \$80.99

09/01/2018 \$51.67 \$13.00 \$17.55 \$0.00 \$82.22

03/01/2019 \$52.87 \$13.00 \$17.59 \$0.00 \$83.46

For apprentice rates see "Apprentice- ELECTRICIAN"

FIRE ALARM REPAIR / MAINTENANCE*/ COMMISSIONING ELECTRICIANS
LOCAL 103*

03/01/2017 \$36.25 \$13.00 \$15.60 \$0.00 \$64.85

09/01/2017 \$36.96 \$13.00 \$15.62 \$0.00 \$65.58

03/01/2018 \$37.86 \$13.00 \$15.65 \$0.00 \$66.51

09/01/2018 \$38.75 \$13.00 \$15.67 \$0.00 \$67.42

03/01/2019 \$39.65 \$13.00 \$15.70 \$0.00 \$68.35

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
For apprentice rates see "Apprentice- TELECOMMUNICATIONS TECHNICIAN"						
FIREMAN (ASST. ENGINEER) OPERATING ENGINEERS LOCAL 4	06/01/2017	\$38.49	\$10.00	\$15.25	\$0.00	\$63.74
	12/01/2017	\$39.32	\$10.00	\$15.25	\$0.00	\$64.57
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
FLAGGER & SIGNALER LABORERS - ZONE 1	06/01/2017	\$20.50	\$7.60	\$14.65	\$0.00	\$42.75
	12/01/2017	\$21.50	\$7.60	\$14.65	\$0.00	\$43.75
	06/01/2018	\$21.50	\$7.60	\$14.65	\$0.00	\$43.75
	12/01/2018	\$22.50	\$7.60	\$14.65	\$0.00	\$44.75
	06/01/2019	\$22.50	\$7.60	\$14.65	\$0.00	\$44.75
	12/01/2019	\$23.50	\$7.60	\$14.65	\$0.00	\$45.75
For apprentice rates see "Apprentice- LABORER"						
FLOORCOVERER FLOORCOVERERS LOCAL 2168 ZONE 1	03/01/2016	\$42.13	\$9.80	\$17.62	\$0.00	\$69.55

Apprentice - FLOORCOVERER - Local 2168 Zone 1

Effective Date - 03/01/2016

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$21.07	\$9.80	\$1.79	\$0.00	\$32.66
2	55	\$23.17	\$9.80	\$1.79	\$0.00	\$34.76
3	60	\$25.28	\$9.80	\$12.25	\$0.00	\$47.33
4	65	\$27.38	\$9.80	\$12.25	\$0.00	\$49.43
5	70	\$29.49	\$9.80	\$14.04	\$0.00	\$53.33
6	75	\$31.60	\$9.80	\$14.04	\$0.00	\$55.44
7	80	\$33.70	\$9.80	\$15.83	\$0.00	\$59.33
8	85	\$35.81	\$9.80	\$15.83	\$0.00	\$61.44

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

FORK LIFT/CHERRY PICKER OPERATING ENGINEERS LOCAL 4	06/01/2017	\$46.38	\$10.00	\$15.25	\$0.00	\$71.63
	12/01/2017	\$47.38	\$10.00	\$15.25	\$0.00	\$72.63
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
GENERATOR/LIGHTING PLANT/HEATERS OPERATING ENGINEERS LOCAL 4	06/01/2017	\$31.86	\$10.00	\$15.25	\$0.00	\$57.11
	12/01/2017	\$32.55	\$10.00	\$15.25	\$0.00	\$57.80
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
GLAZIER (GLASS PLANK/AIR BARRIER/INTERIOR SYSTEMS) GLAZIERS LOCAL 35 (ZONE 2)	01/01/2017	\$40.91	\$7.85	\$16.10	\$0.00	\$64.86

Classification

Effective Date Base Wage Health Pension Supplemental
Unemployment Total Rate

Apprentice - *GLAZIER - Local 35 Zone 2*

Effective Date - 01/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$20.46	\$7.85	\$0.00	\$0.00	\$28.31
2	55	\$22.50	\$7.85	\$3.66	\$0.00	\$34.01
3	60	\$24.55	\$7.85	\$3.99	\$0.00	\$36.39
4	65	\$26.59	\$7.85	\$4.32	\$0.00	\$38.76
5	70	\$28.64	\$7.85	\$14.11	\$0.00	\$50.60
6	75	\$30.68	\$7.85	\$14.44	\$0.00	\$52.97
7	80	\$32.73	\$7.85	\$14.77	\$0.00	\$55.35
8	90	\$36.82	\$7.85	\$15.44	\$0.00	\$60.11

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

HOISTING ENGINEER/CRANES/GRADALLS	06/01/2017	\$46.38	\$10.00	\$15.25	\$0.00	\$71.63
OPERATING ENGINEERS LOCAL 4	12/01/2017	\$47.38	\$10.00	\$15.25	\$0.00	\$72.63

Classification
Effective Date
Base Wage
Health
Pension
**Supplemental
Unemployment**
Total Rate
Apprentice - OPERATING ENGINEERS - Local 4
Effective Date - 06/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	55	\$25.51	\$10.00	\$0.00	\$0.00	\$35.51
2	60	\$27.83	\$10.00	\$15.25	\$0.00	\$53.08
3	65	\$30.15	\$10.00	\$15.25	\$0.00	\$55.40
4	70	\$32.47	\$10.00	\$15.25	\$0.00	\$57.72
5	75	\$34.79	\$10.00	\$15.25	\$0.00	\$60.04
6	80	\$37.10	\$10.00	\$15.25	\$0.00	\$62.35
7	85	\$39.42	\$10.00	\$15.25	\$0.00	\$64.67
8	90	\$41.74	\$10.00	\$15.25	\$0.00	\$66.99

Effective Date - 12/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	55	\$26.06	\$10.00	\$0.00	\$0.00	\$36.06
2	60	\$28.43	\$10.00	\$15.25	\$0.00	\$53.68
3	65	\$30.80	\$10.00	\$15.25	\$0.00	\$56.05
4	70	\$33.17	\$10.00	\$15.25	\$0.00	\$58.42
5	75	\$35.54	\$10.00	\$15.25	\$0.00	\$60.79
6	80	\$37.90	\$10.00	\$15.25	\$0.00	\$63.15
7	85	\$40.27	\$10.00	\$15.25	\$0.00	\$65.52
8	90	\$42.64	\$10.00	\$15.25	\$0.00	\$67.89

Notes:
Apprentice to Journeyworker Ratio:1:6

HVAC (DUCTWORK) SHEETMETAL WORKERS LOCAL 17 - A	02/01/2017	\$43.72	\$11.45	\$23.07	\$2.35	\$80.59
	08/01/2017	\$43.83	\$11.45	\$24.03	\$2.38	\$81.69
	02/01/2018	\$44.98	\$11.45	\$24.03	\$2.38	\$82.84
For apprentice rates see "Apprentice- SHEET METAL WORKER"						
HVAC (ELECTRICAL CONTROLS) ELECTRICIANS LOCAL 103	03/01/2017	\$48.33	\$13.00	\$17.45	\$0.00	\$78.78
	09/01/2017	\$49.28	\$13.00	\$17.48	\$0.00	\$79.76
	03/01/2018	\$50.48	\$13.00	\$17.51	\$0.00	\$80.99
	09/01/2018	\$51.67	\$13.00	\$17.55	\$0.00	\$82.22
	03/01/2019	\$52.87	\$13.00	\$17.59	\$0.00	\$83.46
For apprentice rates see "Apprentice- ELECTRICIAN"						
HVAC (TESTING AND BALANCING - AIR) SHEETMETAL WORKERS LOCAL 17 - A	02/01/2017	\$43.72	\$11.45	\$23.07	\$2.35	\$80.59
	08/01/2017	\$43.83	\$11.45	\$24.03	\$2.38	\$81.69
	02/01/2018	\$44.98	\$11.45	\$24.03	\$2.38	\$82.84
For apprentice rates see "Apprentice- SHEET METAL WORKER"						
HVAC (TESTING AND BALANCING -WATER) PIPEFITTERS LOCAL 537	03/01/2017	\$51.19	\$9.70	\$18.14	\$0.00	\$79.03
For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"						
HVAC MECHANIC PIPEFITTERS LOCAL 537	03/01/2017	\$51.19	\$9.70	\$18.14	\$0.00	\$79.03

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"						
HYDRAULIC DRILLS	06/01/2017	\$37.60	\$7.60	\$14.65	\$0.00	\$59.85
LABORERS - ZONE 1	12/01/2017	\$38.45	\$7.60	\$14.65	\$0.00	\$60.70
	06/01/2018	\$39.40	\$7.60	\$14.65	\$0.00	\$61.65
	12/01/2018	\$40.35	\$7.60	\$14.65	\$0.00	\$62.60
	06/01/2019	\$41.35	\$7.60	\$14.65	\$0.00	\$63.60
	12/01/2019	\$42.35	\$7.60	\$14.65	\$0.00	\$64.60
For apprentice rates see "Apprentice- LABORER"						
INSULATOR (PIPES & TANKS)	09/01/2016	\$45.09	\$11.75	\$14.20	\$0.00	\$71.04
HEAT & FROST INSULATORS LOCAL 6 (BOSTON)	09/01/2017	\$47.09	\$11.75	\$14.20	\$0.00	\$73.04
	09/01/2018	\$49.34	\$11.75	\$14.20	\$0.00	\$75.29
	09/01/2019	\$51.84	\$11.75	\$14.20	\$0.00	\$77.79

Apprentice - ASBESTOS INSULATOR (Pipes & Tanks) - Local 6 Boston

Effective Date - 09/01/2016

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$22.55	\$11.75	\$10.45	\$0.00	\$44.75
2	60	\$27.05	\$11.75	\$11.20	\$0.00	\$50.00
3	70	\$31.56	\$11.75	\$11.95	\$0.00	\$55.26
4	80	\$36.07	\$11.75	\$12.70	\$0.00	\$60.52

Effective Date - 09/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$23.55	\$11.75	\$10.45	\$0.00	\$45.75
2	60	\$28.25	\$11.75	\$11.20	\$0.00	\$51.20
3	70	\$32.96	\$11.75	\$11.95	\$0.00	\$56.66
4	80	\$37.67	\$11.75	\$12.70	\$0.00	\$62.12

Notes:

Steps are 1 year

Apprentice to Journeyworker Ratio:1:4

IRONWORKER/WELDER	03/16/2017	\$44.65	\$7.80	\$20.85	\$0.00	\$73.30
IRONWORKERS LOCAL 7 (BOSTON AREA)						

Classification

**Effective Date Base Wage Health Pension Supplemental
Unemployment Total Rate**

Apprentice - IRONWORKER - Local 7 Boston

Effective Date - 03/16/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$26.79	\$7.80	\$20.85	\$0.00	\$55.44
2	70	\$31.26	\$7.80	\$20.85	\$0.00	\$59.91
3	75	\$33.49	\$7.80	\$20.85	\$0.00	\$62.14
4	80	\$35.72	\$7.80	\$20.85	\$0.00	\$64.37
5	85	\$37.95	\$7.80	\$20.85	\$0.00	\$66.60
6	90	\$40.19	\$7.80	\$20.85	\$0.00	\$68.84

Notes:

**** Structural 1:6; Ornamental 1:4**

Apprentice to Journeyworker Ratio:**

JACKHAMMER & PAVING BREAKER OPERATOR	06/01/2017	\$37.10	\$7.60	\$14.65	\$0.00	\$59.35
LABORERS - ZONE 1	12/01/2017	\$37.95	\$7.60	\$14.65	\$0.00	\$60.20
	06/01/2018	\$38.90	\$7.60	\$14.65	\$0.00	\$61.15
	12/01/2018	\$39.85	\$7.60	\$14.65	\$0.00	\$62.10
	06/01/2019	\$40.85	\$7.60	\$14.65	\$0.00	\$63.10
	12/01/2019	\$41.85	\$7.60	\$14.65	\$0.00	\$64.10

For apprentice rates see "Apprentice- LABORER"

LABORER	06/01/2017	\$36.85	\$7.60	\$14.65	\$0.00	\$59.10
LABORERS - ZONE 1	12/01/2017	\$37.70	\$7.60	\$14.65	\$0.00	\$59.95
	06/01/2018	\$38.65	\$7.60	\$14.65	\$0.00	\$60.90
	12/01/2018	\$39.60	\$7.60	\$14.65	\$0.00	\$61.85
	06/01/2019	\$40.60	\$7.60	\$14.65	\$0.00	\$62.85
	12/01/2019	\$41.60	\$7.60	\$14.65	\$0.00	\$63.85

Classification

Effective Date

Base Wage

Health

Pension

Supplemental
Unemployment

Total Rate

Apprentice - LABORER - Zone 1

Effective Date - 06/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$22.11	\$7.60	\$14.65	\$0.00	\$44.36
2	70	\$25.80	\$7.60	\$14.65	\$0.00	\$48.05
3	80	\$29.48	\$7.60	\$14.65	\$0.00	\$51.73
4	90	\$33.17	\$7.60	\$14.65	\$0.00	\$55.42

Effective Date - 12/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$22.62	\$7.60	\$14.65	\$0.00	\$44.87
2	70	\$26.39	\$7.60	\$14.65	\$0.00	\$48.64
3	80	\$30.16	\$7.60	\$14.65	\$0.00	\$52.41
4	90	\$33.93	\$7.60	\$14.65	\$0.00	\$56.18

Notes:

Apprentice to Journeyworker Ratio:1:5

LABORER: CARPENTER TENDER

LABORERS - ZONE 1

06/01/2017	\$36.85	\$7.60	\$14.65	\$0.00	\$59.10
12/01/2017	\$37.70	\$7.60	\$14.65	\$0.00	\$59.95
06/01/2018	\$38.65	\$7.60	\$14.65	\$0.00	\$60.90
12/01/2018	\$39.60	\$7.60	\$14.65	\$0.00	\$61.85
06/01/2019	\$40.60	\$7.60	\$14.65	\$0.00	\$62.85
12/01/2019	\$41.60	\$7.60	\$14.65	\$0.00	\$63.85

For apprentice rates see "Apprentice- LABORER"

LABORER: CEMENT FINISHER TENDER

LABORERS - ZONE 1

06/01/2017	\$36.85	\$7.60	\$14.65	\$0.00	\$59.10
12/01/2017	\$37.70	\$7.60	\$14.65	\$0.00	\$59.95
06/01/2018	\$38.65	\$7.60	\$14.65	\$0.00	\$60.90
12/01/2018	\$39.60	\$7.60	\$14.65	\$0.00	\$61.85
06/01/2019	\$40.60	\$7.60	\$14.65	\$0.00	\$62.85
12/01/2019	\$41.60	\$7.60	\$14.65	\$0.00	\$63.85

For apprentice rates see "Apprentice- LABORER"

LABORER: HAZARDOUS WASTE/ASBESTOS REMOVER

LABORERS - ZONE 1

06/01/2017	\$37.00	\$7.60	\$14.65	\$0.00	\$59.25
12/01/2017	\$37.85	\$7.60	\$14.65	\$0.00	\$60.10
06/01/2018	\$38.80	\$7.60	\$14.65	\$0.00	\$61.05
12/01/2018	\$39.75	\$7.60	\$14.65	\$0.00	\$62.00
06/01/2019	\$40.75	\$7.60	\$14.65	\$0.00	\$63.00
12/01/2019	\$41.75	\$7.60	\$14.65	\$0.00	\$64.00

For apprentice rates see "Apprentice- LABORER"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
LABORER: MASON TENDER <i>LABORERS - ZONE 1</i>	06/01/2017	\$37.10	\$7.60	\$14.65	\$0.00	\$59.35
	12/01/2017	\$37.95	\$7.60	\$14.65	\$0.00	\$60.20
	06/01/2018	\$38.90	\$7.60	\$14.65	\$0.00	\$61.15
	12/01/2018	\$39.85	\$7.60	\$14.65	\$0.00	\$62.10
	06/01/2019	\$40.85	\$7.60	\$14.65	\$0.00	\$63.10
	12/01/2019	\$41.85	\$7.60	\$14.65	\$0.00	\$64.10
For apprentice rates see "Apprentice- LABORER"						
LABORER: MULTI-TRADE TENDER <i>LABORERS - ZONE 1</i>	06/01/2017	\$36.85	\$7.60	\$14.65	\$0.00	\$59.10
	12/01/2017	\$37.70	\$7.60	\$14.65	\$0.00	\$59.95
	06/01/2018	\$38.65	\$7.60	\$14.65	\$0.00	\$60.90
	12/01/2018	\$39.60	\$7.60	\$14.65	\$0.00	\$61.85
	06/01/2019	\$40.60	\$7.60	\$14.65	\$0.00	\$62.85
	12/01/2019	\$41.60	\$7.60	\$14.65	\$0.00	\$63.85
For apprentice rates see "Apprentice- LABORER"						
LABORER: TREE REMOVER <i>LABORERS - ZONE 1</i>	06/01/2017	\$36.85	\$7.60	\$14.65	\$0.00	\$59.10
	12/01/2017	\$37.70	\$7.60	\$14.65	\$0.00	\$59.95
	06/01/2018	\$38.65	\$7.60	\$14.65	\$0.00	\$60.90
	12/01/2018	\$39.60	\$7.60	\$14.65	\$0.00	\$61.85
	06/01/2019	\$40.60	\$7.60	\$14.65	\$0.00	\$62.85
	12/01/2019	\$41.60	\$7.60	\$14.65	\$0.00	\$63.85
This classification applies to all tree work associated with the removal of standing trees, and trimming and removal of branches and limbs when the work is not done for a utility company for the purpose of operation, maintenance or repair of utility company equipment. For apprentice rates see "Apprentice- LABORER"						
LASER BEAM OPERATOR <i>LABORERS - ZONE 1</i>	06/01/2017	\$37.10	\$7.60	\$14.65	\$0.00	\$59.35
	12/01/2017	\$37.95	\$7.60	\$14.65	\$0.00	\$60.20
	06/01/2018	\$38.90	\$7.60	\$14.65	\$0.00	\$61.15
	12/01/2018	\$39.85	\$7.60	\$14.65	\$0.00	\$62.10
	06/01/2019	\$40.85	\$7.60	\$14.65	\$0.00	\$63.10
	12/01/2019	\$41.85	\$7.60	\$14.65	\$0.00	\$64.10
For apprentice rates see "Apprentice- LABORER"						
MARBLE & TILE FINISHERS <i>BRICKLAYERS LOCAL 3 - MARBLE & TILE</i>	02/01/2017	\$38.78	\$10.75	\$17.67	\$0.00	\$67.20

Apprentice - MARBLE & TILE FINISHER - Local 3 Marble & Tile

Effective Date - 02/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$19.39	\$10.75	\$17.67	\$0.00	\$47.81
2	60	\$23.27	\$10.75	\$17.67	\$0.00	\$51.69
3	70	\$27.15	\$10.75	\$17.67	\$0.00	\$55.57
4	80	\$31.02	\$10.75	\$17.67	\$0.00	\$59.44
5	90	\$34.90	\$10.75	\$17.67	\$0.00	\$63.32

Notes:

Apprentice to Journeyworker Ratio:1:3

MARBLE MASONS, TILELAYERS & TERRAZZO MECH <i>BRICKLAYERS LOCAL 3 - MARBLE & TILE</i>	02/01/2017	\$50.80	\$10.75	\$19.22	\$0.00	\$80.77
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Classification

Effective Date

Base Wage

Health

Pension

Supplemental
Unemployment

Total Rate

Apprentice - MARBLE-TILE-TERRAZZO MECHANIC - Local 3 Marble & Tile

Effective Date - 02/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$25.40	\$10.75	\$19.22	\$0.00	\$55.37
2	60	\$30.48	\$10.75	\$19.22	\$0.00	\$60.45
3	70	\$35.56	\$10.75	\$19.22	\$0.00	\$65.53
4	80	\$40.64	\$10.75	\$19.22	\$0.00	\$70.61
5	90	\$45.72	\$10.75	\$19.22	\$0.00	\$75.69

Notes:

Apprentice to Journeyworker Ratio:1:5

MECH. SWEEPER OPERATOR (ON CONST. SITES)

OPERATING ENGINEERS LOCAL 4

06/01/2017	\$45.93	\$10.00	\$15.25	\$0.00	\$71.18
12/01/2017	\$46.92	\$10.00	\$15.25	\$0.00	\$72.17

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

MECHANICS MAINTENANCE

OPERATING ENGINEERS LOCAL 4

06/01/2017	\$45.93	\$10.00	\$15.25	\$0.00	\$71.18
12/01/2017	\$46.92	\$10.00	\$15.25	\$0.00	\$72.17

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

MILLWRIGHT (Zone 1)

MILLWRIGHTS LOCAL 1121 - Zone 1

04/01/2017	\$38.62	\$9.90	\$18.50	\$0.00	\$67.02
10/01/2017	\$39.52	\$9.90	\$18.50	\$0.00	\$67.92
04/01/2018	\$40.42	\$9.90	\$18.50	\$0.00	\$68.82
10/01/2018	\$41.32	\$9.90	\$18.50	\$0.00	\$69.72
04/01/2019	\$42.22	\$9.90	\$18.50	\$0.00	\$70.62

Apprentice - MILLWRIGHT - Local 1121 Zone 1

Effective Date - 04/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	55	\$21.24	\$9.90	\$5.31	\$0.00	\$36.45
2	65	\$25.10	\$9.90	\$15.13	\$0.00	\$50.13
3	75	\$28.97	\$9.90	\$16.10	\$0.00	\$54.97
4	85	\$32.83	\$9.90	\$17.06	\$0.00	\$59.79

Effective Date - 10/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	55	\$21.74	\$9.90	\$5.31	\$0.00	\$36.95
2	65	\$25.69	\$9.90	\$15.13	\$0.00	\$50.72
3	75	\$29.64	\$9.90	\$16.10	\$0.00	\$55.64
4	85	\$33.59	\$9.90	\$17.06	\$0.00	\$60.55

Notes:

Steps are 2,000 hours

Apprentice to Journeyworker Ratio:1:5

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
MORTAR MIXER LABORERS - ZONE 1	06/01/2017	\$37.10	\$7.60	\$14.65	\$0.00	\$59.35
	12/01/2017	\$37.95	\$7.60	\$14.65	\$0.00	\$60.20
	06/01/2018	\$38.90	\$7.60	\$14.65	\$0.00	\$61.15
	12/01/2018	\$39.85	\$7.60	\$14.65	\$0.00	\$62.10
	06/01/2019	\$40.85	\$7.60	\$14.65	\$0.00	\$63.10
	12/01/2019	\$41.85	\$7.60	\$14.65	\$0.00	\$64.10
For apprentice rates see "Apprentice- LABORER"						
OILER (OTHER THAN TRUCK CRANES, GRADALLS) OPERATING ENGINEERS LOCAL 4	06/01/2017	\$23.47	\$10.00	\$15.25	\$0.00	\$48.72
	12/01/2017	\$23.99	\$10.00	\$15.25	\$0.00	\$49.24
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
OILER (TRUCK CRANES, GRADALLS) OPERATING ENGINEERS LOCAL 4	06/01/2017	\$27.54	\$10.00	\$15.25	\$0.00	\$52.79
	12/01/2017	\$28.15	\$10.00	\$15.25	\$0.00	\$53.40
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
OTHER POWER DRIVEN EQUIPMENT - CLASS II OPERATING ENGINEERS LOCAL 4	06/01/2017	\$45.93	\$10.00	\$15.25	\$0.00	\$71.18
	12/01/2017	\$46.92	\$10.00	\$15.25	\$0.00	\$72.17
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
PAINTER (BRIDGES/TANKS) PAINTERS LOCAL 35 - ZONE 2	01/01/2017	\$51.41	\$7.85	\$16.10	\$0.00	\$75.36

Apprentice - PAINTER Local 35 - BRIDGES/TANKS

Effective Date - 01/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$25.71	\$7.85	\$0.00	\$0.00	\$33.56
2	55	\$28.28	\$7.85	\$3.66	\$0.00	\$39.79
3	60	\$30.85	\$7.85	\$3.99	\$0.00	\$42.69
4	65	\$33.42	\$7.85	\$4.32	\$0.00	\$45.59
5	70	\$35.99	\$7.85	\$14.11	\$0.00	\$57.95
6	75	\$38.56	\$7.85	\$14.44	\$0.00	\$60.85
7	80	\$41.13	\$7.85	\$14.77	\$0.00	\$63.75
8	90	\$46.27	\$7.85	\$15.44	\$0.00	\$69.56

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

PAINTER (SPRAY OR SANDBLAST, NEW) *	01/01/2017	\$42.31	\$7.85	\$16.10	\$0.00	\$66.26
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* If 30% or more of surfaces to be painted are new construction,
NEW paint rate shall be used. PAINTERS LOCAL 35 - ZONE 2

Classification

Effective Date Base Wage Health Pension Supplemental
Unemployment Total Rate

Apprentice - PAINTER Local 35 Zone 2 - Spray/Sandblast - New

Effective Date - 01/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$21.16	\$7.85	\$0.00	\$0.00	\$29.01
2	55	\$23.27	\$7.85	\$3.66	\$0.00	\$34.78
3	60	\$25.39	\$7.85	\$3.99	\$0.00	\$37.23
4	65	\$27.50	\$7.85	\$4.32	\$0.00	\$39.67
5	70	\$29.62	\$7.85	\$14.11	\$0.00	\$51.58
6	75	\$31.73	\$7.85	\$14.44	\$0.00	\$54.02
7	80	\$33.85	\$7.85	\$14.77	\$0.00	\$56.47
8	90	\$38.08	\$7.85	\$15.44	\$0.00	\$61.37

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

PAINTER (SPRAY OR SANDBLAST, REPAINT)	01/01/2017	\$40.37	\$7.85	\$16.10	\$0.00	\$64.32
PAINTERS LOCAL 35 - ZONE 2						

Apprentice - PAINTER Local 35 Zone 2 - Spray/Sandblast - Repaint

Effective Date - 01/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$20.19	\$7.85	\$0.00	\$0.00	\$28.04
2	55	\$22.20	\$7.85	\$3.66	\$0.00	\$33.71
3	60	\$24.22	\$7.85	\$3.99	\$0.00	\$36.06
4	65	\$26.24	\$7.85	\$4.32	\$0.00	\$38.41
5	70	\$28.26	\$7.85	\$14.11	\$0.00	\$50.22
6	75	\$30.28	\$7.85	\$14.44	\$0.00	\$52.57
7	80	\$32.30	\$7.85	\$14.77	\$0.00	\$54.92
8	90	\$36.33	\$7.85	\$15.44	\$0.00	\$59.62

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

PAINTER (TRAFFIC MARKINGS)	06/01/2017	\$36.85	\$7.60	\$14.65	\$0.00	\$59.10
LABORERS - ZONE 1	12/01/2017	\$37.70	\$7.60	\$14.65	\$0.00	\$59.95
	06/01/2018	\$38.65	\$7.60	\$14.65	\$0.00	\$60.90
	12/01/2018	\$39.60	\$7.60	\$14.65	\$0.00	\$61.85
	06/01/2019	\$40.60	\$7.60	\$14.65	\$0.00	\$62.85
	12/01/2019	\$41.60	\$7.60	\$14.65	\$0.00	\$63.85

For Apprentice rates see "Apprentice- LABORER"

PAINTER / TAPER (BRUSH, NEW) *	01/01/2017	\$40.91	\$7.85	\$16.10	\$0.00	\$64.86
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* If 30% or more of surfaces to be painted are new construction,
NEW paint rate shall be used. PAINTERS LOCAL 35 - ZONE 2

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - PAINTER - Local 35 Zone 2 - BRUSH NEW

Effective Date - 01/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$20.46	\$7.85	\$0.00	\$0.00	\$28.31
2	55	\$22.50	\$7.85	\$3.66	\$0.00	\$34.01
3	60	\$24.55	\$7.85	\$3.99	\$0.00	\$36.39
4	65	\$26.59	\$7.85	\$4.32	\$0.00	\$38.76
5	70	\$28.64	\$7.85	\$14.11	\$0.00	\$50.60
6	75	\$30.68	\$7.85	\$14.44	\$0.00	\$52.97
7	80	\$32.73	\$7.85	\$14.77	\$0.00	\$55.35
8	90	\$36.82	\$7.85	\$15.44	\$0.00	\$60.11

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

PAINTER / TAPER (BRUSH, REPAINT)	01/01/2017	\$38.97	\$7.85	\$16.10	\$0.00	\$62.92
<i>PAINTERS LOCAL 35 - ZONE 2</i>						

Apprentice - PAINTER Local 35 Zone 2 - BRUSH REPAINT

Effective Date - 01/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$19.49	\$7.85	\$0.00	\$0.00	\$27.34
2	55	\$21.43	\$7.85	\$3.66	\$0.00	\$32.94
3	60	\$23.38	\$7.85	\$3.99	\$0.00	\$35.22
4	65	\$25.33	\$7.85	\$4.32	\$0.00	\$37.50
5	70	\$27.28	\$7.85	\$14.11	\$0.00	\$49.24
6	75	\$29.23	\$7.85	\$14.44	\$0.00	\$51.52
7	80	\$31.18	\$7.85	\$14.77	\$0.00	\$53.80
8	90	\$35.07	\$7.85	\$15.44	\$0.00	\$58.36

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

PANEL & PICKUP TRUCKS DRIVER	12/01/2016	\$33.08	\$10.91	\$10.89	\$0.00	\$54.88
<i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE A</i>						

PIER AND DOCK CONSTRUCTOR (UNDERPINNING AND DECK)	08/01/2015	\$42.04	\$9.80	\$19.23	\$0.00	\$71.07
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PILE DRIVER LOCAL 56 (ZONE 1)

For apprentice rates see "Apprentice- PILE DRIVER"

PILE DRIVER	08/01/2015	\$42.04	\$9.80	\$19.23	\$0.00	\$71.07
<i>PILE DRIVER LOCAL 56 (ZONE 1)</i>						

Classification

Effective Date Base Wage Health Pension Supplemental
Unemployment Total RateApprentice - *PILE DRIVER - Local 56 Zone 1*

Effective Date - 08/01/2015

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$21.02	\$9.80	\$19.23	\$0.00	\$50.05
2	60	\$25.22	\$9.80	\$19.23	\$0.00	\$54.25
3	70	\$29.43	\$9.80	\$19.23	\$0.00	\$58.46
4	75	\$31.53	\$9.80	\$19.23	\$0.00	\$60.56
5	80	\$33.63	\$9.80	\$19.23	\$0.00	\$62.66
6	80	\$33.63	\$9.80	\$19.23	\$0.00	\$62.66
7	90	\$37.84	\$9.80	\$19.23	\$0.00	\$66.87
8	90	\$37.84	\$9.80	\$19.23	\$0.00	\$66.87

Notes:

Apprentice to Journeyworker Ratio:1:3

PIPEFITTER & STEAMFITTER
PIPEFITTERS LOCAL 537

03/01/2017 \$51.19 \$9.70 \$18.14 \$0.00 \$79.03

Apprentice - *PIPEFITTER - Local 537*

Effective Date - 03/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$20.48	\$9.70	\$7.50	\$0.00	\$37.68
2	45	\$23.04	\$9.70	\$18.14	\$0.00	\$50.88
3	60	\$30.71	\$9.70	\$18.14	\$0.00	\$58.55
4	70	\$35.83	\$9.70	\$18.14	\$0.00	\$63.67
5	80	\$40.95	\$9.70	\$18.14	\$0.00	\$68.79

Notes:

** 1:3; 3:15; 1:10 thereafter / Steps are 1 yr.

Refrig/AC Mechanic **1:1;1:2;2:4;3:6;4:8;5:10;6:12;7:14;8:17;9:20;10:23(Max)

Apprentice to Journeyworker Ratio:**

PIPELAYER
LABORERS - ZONE 1

06/01/2017	\$37.10	\$7.60	\$14.65	\$0.00	\$59.35
12/01/2017	\$37.95	\$7.60	\$14.65	\$0.00	\$60.20
06/01/2018	\$38.90	\$7.60	\$14.65	\$0.00	\$61.15
12/01/2018	\$39.85	\$7.60	\$14.65	\$0.00	\$62.10
06/01/2019	\$40.85	\$7.60	\$14.65	\$0.00	\$63.10
12/01/2019	\$41.85	\$7.60	\$14.65	\$0.00	\$64.10

For apprentice rates see "Apprentice- LABORER"

PLUMBERS & GASFITTERS
PLUMBERS & GASFITTERS LOCAL 12

03/01/2017 \$52.69 \$11.32 \$15.46 \$0.00 \$79.47

Classification

Effective Date

Base Wage

Health

Pension

Supplemental
Unemployment

Total Rate

Apprentice - PLUMBER/GASFITTER - Local 12

Effective Date - 03/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	35	\$18.44	\$11.32	\$5.74	\$0.00	\$35.50
2	40	\$21.08	\$11.32	\$6.49	\$0.00	\$38.89
3	55	\$28.98	\$11.32	\$8.73	\$0.00	\$49.03
4	65	\$34.25	\$11.32	\$10.23	\$0.00	\$55.80
5	75	\$39.52	\$11.32	\$11.72	\$0.00	\$62.56

Notes:

** 1:2; 2:6; 3:10; 4:14; 5:19/Steps are 1 yr
Step4 with lic\$58.50 Step5 with lic\$65.36

Apprentice to Journeyworker Ratio:**

PNEUMATIC CONTROLS (TEMP.)

PIPEFITTERS LOCAL 537

03/01/2017 \$51.19 \$9.70 \$18.14 \$0.00 \$79.03

For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"

PNEUMATIC DRILL/TOOL OPERATOR

LABORERS - ZONE 1

06/01/2017	\$37.10	\$7.60	\$14.65	\$0.00	\$59.35
12/01/2017	\$37.95	\$7.60	\$14.65	\$0.00	\$60.20
06/01/2018	\$38.90	\$7.60	\$14.65	\$0.00	\$61.15
12/01/2018	\$39.85	\$7.60	\$14.65	\$0.00	\$62.10
06/01/2019	\$40.85	\$7.60	\$14.65	\$0.00	\$63.10
12/01/2019	\$41.85	\$7.60	\$14.65	\$0.00	\$64.10

For apprentice rates see "Apprentice- LABORER"

POWDERMAN & BLASTER

LABORERS - ZONE 1

06/01/2017	\$37.85	\$7.60	\$14.65	\$0.00	\$60.10
12/01/2017	\$38.70	\$7.60	\$14.65	\$0.00	\$60.95
06/01/2018	\$39.65	\$7.60	\$14.65	\$0.00	\$61.90
12/01/2018	\$40.60	\$7.60	\$14.65	\$0.00	\$62.85
06/01/2019	\$41.60	\$7.60	\$14.65	\$0.00	\$63.85
12/01/2019	\$42.60	\$7.60	\$14.65	\$0.00	\$64.85

For apprentice rates see "Apprentice- LABORER"

POWER SHOVEL/DERRICK/TRENCHING MACHINE

OPERATING ENGINEERS LOCAL 4

06/01/2017	\$46.38	\$10.00	\$15.25	\$0.00	\$71.63
12/01/2017	\$47.38	\$10.00	\$15.25	\$0.00	\$72.63

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

PUMP OPERATOR (CONCRETE)

OPERATING ENGINEERS LOCAL 4

06/01/2017	\$46.38	\$10.00	\$15.25	\$0.00	\$71.63
12/01/2017	\$47.38	\$10.00	\$15.25	\$0.00	\$72.63

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

PUMP OPERATOR (DEWATERING, OTHER)

OPERATING ENGINEERS LOCAL 4

06/01/2017	\$31.86	\$10.00	\$15.25	\$0.00	\$57.11
12/01/2017	\$32.55	\$10.00	\$15.25	\$0.00	\$57.80

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

READY MIX CONCRETE DRIVERS after 4/30/10

(Drivers Hired After 4/30/2010) TEAMSTERS LOCAL 25b

07/01/2017 \$28.18 \$8.48 \$9.72 \$0.00 \$46.38

READY-MIX CONCRETE DRIVER

TEAMSTERS LOCAL 25b

07/01/2017 \$29.48 \$8.48 \$9.72 \$0.00 \$47.68

RECLAIMERS

OPERATING ENGINEERS LOCAL 4

06/01/2017	\$45.93	\$10.00	\$15.25	\$0.00	\$71.18
12/01/2017	\$46.92	\$10.00	\$15.25	\$0.00	\$72.17

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
RESIDENTIAL WOOD FRAME (All Other Work) CARPENTERS -ZONE 2 (Residential Wood)	06/01/2016	\$25.32	\$9.80	\$16.82	\$0.00	\$51.94
RESIDENTIAL WOOD FRAME CARPENTER **	04/01/2017	\$26.31	\$7.07	\$7.18	\$0.00	\$40.56
** The Residential Wood Frame Carpenter classification applies only to the construction of new, wood frame residences that do not exceed four stories including the basement. CARPENTERS -ZONE 2 (Residential Wood)	10/01/2017	\$26.93	\$7.07	\$7.18	\$0.00	\$41.18
	04/01/2018	\$27.35	\$7.07	\$7.18	\$0.00	\$41.60
	10/01/2018	\$27.77	\$7.07	\$7.18	\$0.00	\$42.02
	04/01/2019	\$28.20	\$7.07	\$7.18	\$0.00	\$42.45
	10/01/2019	\$28.63	\$7.07	\$7.18	\$0.00	\$42.88

As of 9/1/09 Carpentry work on wood-frame residential WEATHERIZATION projects shall be paid the RESIDENTIAL WOOD FRAME CARPENTER rate.

Apprentice - CARPENTER (Residential Wood Frame) - Zone 2

Effective Date - 04/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$15.79	\$7.07	\$0.00	\$0.00	\$22.86
2	60	\$15.79	\$7.07	\$0.00	\$0.00	\$22.86
3	65	\$17.10	\$7.07	\$7.18	\$0.00	\$31.35
4	70	\$18.42	\$7.07	\$7.18	\$0.00	\$32.67
5	75	\$19.73	\$7.07	\$7.18	\$0.00	\$33.98
6	80	\$21.05	\$7.07	\$7.18	\$0.00	\$35.30
7	85	\$22.36	\$7.07	\$7.18	\$0.00	\$36.61
8	90	\$23.68	\$7.07	\$7.18	\$0.00	\$37.93

Effective Date - 10/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$16.16	\$7.07	\$0.00	\$0.00	\$23.23
2	60	\$16.16	\$7.07	\$0.00	\$0.00	\$23.23
3	65	\$17.50	\$7.07	\$7.18	\$0.00	\$31.75
4	70	\$18.85	\$7.07	\$7.18	\$0.00	\$33.10
5	75	\$20.20	\$7.07	\$7.18	\$0.00	\$34.45
6	80	\$21.54	\$7.07	\$7.18	\$0.00	\$35.79
7	85	\$22.89	\$7.07	\$7.18	\$0.00	\$37.14
8	90	\$24.24	\$7.07	\$7.18	\$0.00	\$38.49

Notes:

Apprentice to Journeyworker Ratio:1:5

RIDE-ON MOTORIZED BUGGY OPERATOR LABORERS - ZONE 1	06/01/2017	\$37.10	\$7.60	\$14.65	\$0.00	\$59.35
	12/01/2017	\$37.95	\$7.60	\$14.65	\$0.00	\$60.20
	06/01/2018	\$38.90	\$7.60	\$14.65	\$0.00	\$61.15
	12/01/2018	\$39.85	\$7.60	\$14.65	\$0.00	\$62.10
	06/01/2019	\$40.85	\$7.60	\$14.65	\$0.00	\$63.10
	12/01/2019	\$41.85	\$7.60	\$14.65	\$0.00	\$64.10

For apprentice rates see "Apprentice- LABORER"

ROLLER/SPREADER/MULCHING MACHINE OPERATING ENGINEERS LOCAL 4	06/01/2017	\$45.93	\$10.00	\$15.25	\$0.00	\$71.18
	12/01/2017	\$46.92	\$10.00	\$15.25	\$0.00	\$72.17

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
ROOFER (Inc.Roofing Waterproofing &Roofing Dampproofg)	02/01/2017	\$41.36	\$11.10	\$13.80	\$0.00	\$66.26
ROOFERS LOCAL 33	08/01/2017	\$42.46	\$11.10	\$13.80	\$0.00	\$67.36
	02/01/2018	\$43.61	\$11.10	\$13.80	\$0.00	\$68.51
	08/01/2018	\$44.71	\$11.10	\$13.80	\$0.00	\$69.61
	02/01/2019	\$45.86	\$11.10	\$13.80	\$0.00	\$70.76

Apprentice - ROOFER - Local 33

Effective Date - 02/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$20.68	\$11.10	\$3.44	\$0.00	\$35.22
2	60	\$24.82	\$11.10	\$13.80	\$0.00	\$49.72
3	65	\$26.88	\$11.10	\$13.80	\$0.00	\$51.78
4	75	\$31.02	\$11.10	\$13.80	\$0.00	\$55.92
5	85	\$35.16	\$11.10	\$13.80	\$0.00	\$60.06

Effective Date - 08/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$21.23	\$11.10	\$3.44	\$0.00	\$35.77
2	60	\$25.48	\$11.10	\$13.80	\$0.00	\$50.38
3	65	\$27.60	\$11.10	\$13.80	\$0.00	\$52.50
4	75	\$31.85	\$11.10	\$13.80	\$0.00	\$56.75
5	85	\$36.09	\$11.10	\$13.80	\$0.00	\$60.99

Notes: ** 1:5, 2:6-10, the 1:10; Reroofing: 1:4, then 1:1
Step 1 is 2000 hrs.; Steps 2-5 are 1000 hrs.
(Hot Pitch Mechanics' receive \$1.00 hr. above ROOFER)

Apprentice to Journeyworker Ratio:**

ROOFER SLATE / TILE / PRECAST CONCRETE	02/01/2017	\$41.61	\$11.10	\$13.80	\$0.00	\$66.51
ROOFERS LOCAL 33	08/01/2017	\$42.71	\$11.10	\$13.80	\$0.00	\$67.61
	02/01/2018	\$43.86	\$11.10	\$13.80	\$0.00	\$68.76
	08/01/2018	\$44.96	\$11.10	\$13.80	\$0.00	\$69.86
	02/01/2019	\$46.11	\$11.10	\$13.80	\$0.00	\$71.01

For apprentice rates see "Apprentice- ROOFER"

SHEETMETAL WORKER	02/01/2017	\$43.72	\$11.45	\$23.07	\$2.35	\$80.59
SHEETMETAL WORKERS LOCAL 17 - A	08/01/2017	\$43.83	\$11.45	\$24.03	\$2.38	\$81.69
	02/01/2018	\$44.98	\$11.45	\$24.03	\$2.38	\$82.84

Classification

Effective Date Base Wage Health Pension Supplemental
Unemployment Total Rate

Apprentice - *SHEET METAL WORKER - Local 17-A*

Effective Date - 02/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$17.49	\$11.45	\$5.24	\$0.00	\$34.18
2	40	\$17.49	\$11.45	\$5.24	\$0.00	\$34.18
3	45	\$19.67	\$11.45	\$10.31	\$1.24	\$42.67
4	45	\$19.67	\$11.45	\$10.31	\$1.24	\$42.67
5	50	\$21.86	\$11.45	\$11.21	\$1.34	\$45.86
6	50	\$21.86	\$11.45	\$11.46	\$1.34	\$46.11
7	60	\$26.23	\$11.45	\$13.02	\$1.52	\$52.22
8	65	\$28.42	\$11.45	\$13.93	\$1.61	\$55.41
9	75	\$32.79	\$11.45	\$15.74	\$1.80	\$61.78
10	85	\$37.16	\$11.45	\$17.05	\$1.97	\$67.63

Effective Date - 08/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$17.53	\$11.45	\$5.61	\$0.00	\$34.59
2	40	\$17.53	\$11.45	\$5.61	\$0.00	\$34.59
3	45	\$19.72	\$11.45	\$10.76	\$1.26	\$43.19
4	45	\$19.72	\$11.45	\$10.76	\$1.26	\$43.19
5	50	\$21.92	\$11.45	\$11.71	\$1.35	\$46.43
6	50	\$21.92	\$11.45	\$11.96	\$1.36	\$46.69
7	60	\$26.30	\$11.45	\$13.61	\$1.54	\$52.90
8	65	\$28.49	\$11.45	\$14.56	\$1.64	\$56.14
9	75	\$32.87	\$11.45	\$16.47	\$1.82	\$62.61
10	85	\$37.26	\$11.45	\$17.87	\$2.00	\$68.58

Notes:

Steps are 6 mos.

Apprentice to Journeyworker Ratio:1:4

SIGN ERECTOR

PAINTERS LOCAL 35 - ZONE 2

06/01/2013 \$25.81 \$7.07 \$7.05 \$0.00 \$39.93

Classification

Effective Date

Base Wage

Health

Pension

Supplemental
Unemployment

Total Rate

Apprentice - SIGN ERECTOR - Local 35 Zone 2

Effective Date - 06/01/2013

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$12.91	\$7.07	\$0.00	\$0.00	\$19.98
2	55	\$14.20	\$7.07	\$2.45	\$0.00	\$23.72
3	60	\$15.49	\$7.07	\$2.45	\$0.00	\$25.01
4	65	\$16.78	\$7.07	\$2.45	\$0.00	\$26.30
5	70	\$18.07	\$7.07	\$7.05	\$0.00	\$32.19
6	75	\$19.36	\$7.07	\$7.05	\$0.00	\$33.48
7	80	\$20.65	\$7.07	\$7.05	\$0.00	\$34.77
8	85	\$21.94	\$7.07	\$7.05	\$0.00	\$36.06
9	90	\$23.23	\$7.07	\$7.05	\$0.00	\$37.35

Notes:

Steps are 4 mos.

Apprentice to Journeyworker Ratio:1:1

SPECIALIZED EARTH MOVING EQUIP < 35 TONS TEAMSTERS JOINT COUNCIL NO. 10 ZONE A	12/01/2016	\$33.54	\$10.91	\$10.89	\$0.00	\$55.34
SPECIALIZED EARTH MOVING EQUIP > 35 TONS TEAMSTERS JOINT COUNCIL NO. 10 ZONE A	12/01/2016	\$33.83	\$10.91	\$10.89	\$0.00	\$55.63
SPRINKLER FITTER SPRINKLER FITTERS LOCAL 550 - (Section A) Zone 1	03/01/2017	\$56.08	\$8.77	\$17.20	\$0.00	\$82.05

Apprentice - SPRINKLER FITTER - Local 550 (Section A) Zone 1

Effective Date - 03/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	35	\$19.63	\$8.52	\$8.70	\$0.00	\$36.85
2	40	\$22.43	\$8.52	\$8.70	\$0.00	\$39.65
3	45	\$25.24	\$8.52	\$8.70	\$0.00	\$42.46
4	50	\$28.04	\$8.52	\$8.70	\$0.00	\$45.26
5	55	\$30.84	\$8.52	\$8.70	\$0.00	\$48.06
6	60	\$33.65	\$8.52	\$10.20	\$0.00	\$52.37
7	65	\$36.45	\$8.52	\$10.20	\$0.00	\$55.17
8	70	\$39.26	\$8.52	\$10.20	\$0.00	\$57.98
9	75	\$42.06	\$8.52	\$10.20	\$0.00	\$60.78
10	80	\$44.86	\$8.52	\$10.20	\$0.00	\$63.58

Notes: Apprentice entered prior 9/30/10:
40/45/50/55/60/65/70/75/80/85
Steps are 850 hours

Apprentice to Journeyworker Ratio:1:3

STEAM BOILER OPERATOR OPERATING ENGINEERS LOCAL 4	06/01/2017	\$45.93	\$10.00	\$15.25	\$0.00	\$71.18
	12/01/2017	\$46.92	\$10.00	\$15.25	\$0.00	\$72.17

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
TAMPERS, SELF-PROPELLED OR TRACTOR DRAWN OPERATING ENGINEERS LOCAL 4	06/01/2017	\$45.93	\$10.00	\$15.25	\$0.00	\$71.18
	12/01/2017	\$46.92	\$10.00	\$15.25	\$0.00	\$72.17
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
TELECOMMUNICATION TECHNICIAN ELECTRICIANS LOCAL 103	03/01/2017	\$36.25	\$13.00	\$15.60	\$0.00	\$64.85
	09/01/2017	\$36.96	\$13.00	\$15.62	\$0.00	\$65.58
	03/01/2018	\$37.86	\$13.00	\$15.65	\$0.00	\$66.51
	09/01/2018	\$38.75	\$13.00	\$15.67	\$0.00	\$67.42
	03/01/2019	\$39.65	\$13.00	\$15.70	\$0.00	\$68.35

Apprentice - TELECOMMUNICATION TECHNICIAN - Local 103

Effective Date - 03/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$14.50	\$13.00	\$0.44	\$0.00	\$27.94
2	40	\$14.50	\$13.00	\$0.44	\$0.00	\$27.94
3	45	\$16.31	\$13.00	\$12.54	\$0.00	\$41.85
4	45	\$16.31	\$13.00	\$12.54	\$0.00	\$41.85
5	50	\$18.13	\$13.00	\$12.81	\$0.00	\$43.94
6	55	\$19.94	\$13.00	\$13.09	\$0.00	\$46.03
7	60	\$21.75	\$13.00	\$13.37	\$0.00	\$48.12
8	65	\$23.56	\$13.00	\$13.65	\$0.00	\$50.21
9	70	\$25.38	\$13.00	\$13.93	\$0.00	\$52.31
10	75	\$27.19	\$13.00	\$14.21	\$0.00	\$54.40

Effective Date - 09/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$14.78	\$13.00	\$0.44	\$0.00	\$28.22
2	40	\$14.78	\$13.00	\$0.44	\$0.00	\$28.22
3	45	\$16.63	\$13.00	\$12.55	\$0.00	\$42.18
4	45	\$16.63	\$13.00	\$12.55	\$0.00	\$42.18
5	50	\$18.48	\$13.00	\$12.82	\$0.00	\$44.30
6	55	\$20.33	\$13.00	\$13.10	\$0.00	\$46.43
7	60	\$22.18	\$13.00	\$13.39	\$0.00	\$48.57
8	65	\$24.02	\$13.00	\$13.66	\$0.00	\$50.68
9	70	\$25.87	\$13.00	\$13.95	\$0.00	\$52.82
10	75	\$27.72	\$13.00	\$14.22	\$0.00	\$54.94

Notes:

Apprentice to Journeyworker Ratio:1:1

TERRAZZO FINISHERS BRICKLAYERS LOCAL 3 - MARBLE & TILE	02/01/2017	\$49.70	\$10.75	\$19.22	\$0.00	\$79.67
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Classification

Effective Date

Base Wage

Health

Pension

Supplemental
Unemployment

Total Rate

Apprentice - TERRAZZO FINISHER - Local 3 Marble & Tile

Effective Date - 02/01/2017

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$24.85	\$10.75	\$19.22	\$0.00	\$54.82
2	60	\$29.82	\$10.75	\$19.22	\$0.00	\$59.79
3	70	\$34.79	\$10.75	\$19.22	\$0.00	\$64.76
4	80	\$39.76	\$10.75	\$19.22	\$0.00	\$69.73
5	90	\$44.73	\$10.75	\$19.22	\$0.00	\$74.70

Notes:

Apprentice to Journeyworker Ratio:1:3

TEST BORING DRILLER LABORERS - FOUNDATION AND MARINE	12/01/2016	\$37.70	\$7.60	\$14.35	\$0.00	\$59.65
For apprentice rates see "Apprentice- LABORER"						
TEST BORING DRILLER HELPER LABORERS - FOUNDATION AND MARINE	12/01/2016	\$36.42	\$7.60	\$14.35	\$0.00	\$58.37
For apprentice rates see "Apprentice- LABORER"						
TEST BORING LABORER LABORERS - FOUNDATION AND MARINE	12/01/2016	\$36.30	\$7.60	\$14.35	\$0.00	\$58.25
For apprentice rates see "Apprentice- LABORER"						
TRACTORS/PORTABLE STEAM GENERATORS OPERATING ENGINEERS LOCAL 4	06/01/2017	\$45.93	\$10.00	\$15.25	\$0.00	\$71.18
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
	12/01/2017	\$46.92	\$10.00	\$15.25	\$0.00	\$72.17
TRAILERS FOR EARTH MOVING EQUIPMENT TEAMSTERS JOINT COUNCIL NO. 10 ZONE A	12/01/2016	\$34.12	\$10.91	\$10.89	\$0.00	\$55.92
TUNNEL WORK - COMPRESSED AIR LABORERS (COMPRESSED AIR)	12/01/2016	\$48.58	\$7.60	\$14.75	\$0.00	\$70.93
For apprentice rates see "Apprentice- LABORER"						
TUNNEL WORK - COMPRESSED AIR (HAZ. WASTE) LABORERS (COMPRESSED AIR)	12/01/2016	\$50.58	\$7.60	\$14.75	\$0.00	\$72.93
For apprentice rates see "Apprentice- LABORER"						
TUNNEL WORK - FREE AIR LABORERS (FREE AIR TUNNEL)	12/01/2016	\$40.65	\$7.60	\$14.75	\$0.00	\$63.00
For apprentice rates see "Apprentice- LABORER"						
TUNNEL WORK - FREE AIR (HAZ. WASTE) LABORERS (FREE AIR TUNNEL)	12/01/2016	\$42.65	\$7.60	\$14.75	\$0.00	\$65.00
For apprentice rates see "Apprentice- LABORER"						
VAC-HAUL TEAMSTERS JOINT COUNCIL NO. 10 ZONE A	12/01/2016	\$33.54	\$10.91	\$10.89	\$0.00	\$55.34
WAGON DRILL OPERATOR LABORERS - ZONE 1	06/01/2017	\$37.60	\$7.60	\$14.15	\$0.00	\$59.35
For apprentice rates see "Apprentice- LABORER"						
	12/01/2017	\$38.45	\$7.60	\$14.15	\$0.00	\$60.20
	06/01/2018	\$39.40	\$7.60	\$14.15	\$0.00	\$61.15
	12/01/2018	\$40.35	\$7.60	\$14.15	\$0.00	\$62.10
	06/01/2019	\$41.35	\$7.60	\$14.15	\$0.00	\$63.10
	12/01/2019	\$42.35	\$7.60	\$14.15	\$0.00	\$64.10

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
WASTE WATER PUMP OPERATOR <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2017	\$46.38	\$10.00	\$15.25	\$0.00	\$71.63
	12/01/2017	\$47.38	\$10.00	\$15.25	\$0.00	\$72.63
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
WATER METER INSTALLER <i>PLUMBERS & GASFITTERS LOCAL 12</i>	03/01/2017	\$52.69	\$11.32	\$15.46	\$0.00	\$79.47
For apprentice rates see "Apprentice- PLUMBER/PIPEFITTER" or "PLUMBER/GASFITTER"						

Additional Apprentice Information:

Minimum wage rates for apprentices employed on public works projects are listed above as a percentage of the pre-determined hourly wage rate established by the Commissioner under the provisions of the M.G.L. c. 149, ss. 26-27D. Apprentice ratios are established by the Division of Apprenticeship Training pursuant to M.G.L. c. 23, ss. 11E-11L.

All apprentices must be registered with the Division of Apprenticeship Training in accordance with M.G.L. c. 23, ss. 11E-11L.

All steps are six months (1000 hours.)

Ratios are expressed in allowable number of apprentices to journeymen or fraction thereof, unless otherwise specified.

** Multiple ratios are listed in the comment field.

*** APP to JM; 1:1, 2:2, 2:3, 3:4, 4:4, 4:5, 4:6, 5:7, 6:7, 6:8, 6:9, 7:10, 8:10, 8:11, 8:12, 9:13, 10:13, 10:14, etc.

**** APP to JM; 1:1, 1:2, 2:3, 2:4, 3:5, 4:6, 4:7, 5:8, 6:9, 6:10, 7:11, 8:12, 8:13, 9:14, 10:15, 10:16, etc.

Christine Long

From: "MA Prevailing Wage" <MAPrevailingWage@massmail.state.ma.us>
Date: Thursday, July 27, 2017 4:50PM
To: <clong@newtonhousing.org>
Attach: 20170727-079.pdf
Subject: Prevailing wage schedule for Wage Request number :20170727-079 and 20170825-079

To view and print Weekly Payroll & Statement of Compliance Forms, click on www.mass.gov/dols/pw.

PLEASE NOTE: The attached Prevailing Wage Schedule is valid for **90 days**. An Awarding Authority should re-request an up to date Prevailing Wage Schedule if it has NOT opened bids or selected a contractor within 90 days of the issuance date of the attached prevailing wage schedule.

***For MULTI-YEAR projects bid on or after 8/8/08, Awarding Authorities must request an Annual Update to this Prevailing Wage Schedule each year for the duration of the project, no later than two weeks before the anniversary date of the execution of the general contract. Annual updates are not required for projects that last LESS THAN ONE YEAR.**

***For CM AT RISK projects (bid pursuant to GL c.149A), Awarding Authorities must request a Prevailing Wage Schedule NOT sooner than 90-days before the earlier of: (a) the execution date of the GMP Amendment, or (b) the bid for the first construction scope of work.**

***For MULTI-YEAR CM AT RISK projects, Awarding Authorities must request an Annual Update to this Prevailing Wage Schedule each year for the duration of the project, no later than two weeks before the anniversary date, which is the earlier of: (a) the execution date of the GMP Amendment, or (b) the execution date of the first amendment to procure construction scopes of work.**

Apprentice wages (expressed as dollar figures) and the required benefits are listed on the Prevailing Wage Schedule. For further details, please see opinion letter PW-2010-03-03.16.10 (dated March 18, 2010) at www.mass.gov/dols/pw.

Request Prevailing Wage Rates online at: www.mass.gov/dols/pw.

THIS IS A SYSTEM-GENERATED EMAIL. PLEASE DO NOT REPLY TO THIS EMAIL. TO CONTACT DLS REGARDING PREVAILING WAGE MATIERS, CALL 617-626-6953.

APPROVAL/DENIAL COMMENTS

This e-mail message, including any attachments, is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure, or distribution is strictly prohibited and may be the subject of legal action. If you are not the intended recipient, please contact the sender by reply e-mail and destroy all copies of the original message. Thank you.

7/28/2017

General Decision Number: MA170001 07/21/2017 MA1

Superseded General Decision Number: MA20160001

State: Massachusetts

Construction Type: Building

Counties: Barnstable, Bristol, Dukes, Essex, Middlesex, Nantucket, Norfolk and Suffolk Counties in Massachusetts.

BUILDING CONSTRUCTION PROJECTS (does not include single family homes and apartments up to and including 4 stories)

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.20 for calendar year 2017 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.20 (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2017. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/06/2017
1	01/13/2017
2	02/03/2017
3	03/03/2017
4	03/10/2017
5	03/17/2017
6	04/14/2017
7	05/05/2017
8	05/12/2017
9	05/26/2017
10	06/02/2017
11	06/09/2017
12	06/16/2017
13	07/07/2017
14	07/21/2017

ASBE0006-001 09/01/2016

	Rates	Fringes
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Insulator/asbestos worker

Includes the application of all insulating materials, protective coverings, coatings, and finishes to all types of mechanical systems

(ZONE A).....	\$ 45.09	26.35
(ZONE B).....	\$ 40.58	26.35

ZONES:

ZONE A

BARNSTABLE COUNTY (Brewster, Chatham, Dennis, Eastham,

Harwich, Orleans, Provincetown, Truro, Wellfleet, Yarmouth)
BRISTOL COUNTY (Easton), MIDDLESEX COUNTY, and NORFOLK
COUNTY (Avon, Braintree, Brookline, Canton, Cohasset,
Dedham, Dover, Foxborough, Holbrook, Medfield, Medway,
Millis, Milton, Needham, Norfolk, Norwood, Quincy,
Randolph, Sharon, Stoughton, Walpole, Wellesley, Westwood,
Weymouth)

ZONE B

BARNSTABLE COUNTY (Barnstable, Bourne, Falmouth, Mashpee,
Sandwich), BRISTOL COUNTY (All cities except Easton), and
NORFOLK COUNTY (Bellingham, Franklin, Plainville)

* ASBE0006-002 06/01/2017

BARNSTABLE (Brewster, Chatham, Dennis, Eastham, Harwich,
Orleans, Provincetown, Truro, Wellfleet and Yarmouth); BRISTOL
(Easton); ESSEX; MIDDLESEX; NORFOLK (Avon, Braintree,
Brookline, Canton, Cohasset, Dedham, Dover, Foxboro, Holbrook,
Hull, Medfield, Medway, Millis, Milton, Needham, Norfolk,
Norwood, Quincy, Randolph, Sharon Stoughton, Walpole,
Wellesley, Westwood, and Weymouth) AND SUFFOLK COUNTIES

	Rates	Fringes
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HAZARDOUS MATERIAL HANDLER

(Includes preparation,
wetting, stripping, removal,
scrapping, vacuuming,
bagging and disposing of all
insulation materials from
mechanical systems whether
they contain asbestos or not)....\$ 34.45

19.40

ASBE0006-010 09/01/2016

BARNSTABLE (Barnstable, Bourne, Falmouth, Mashpee and
Sandwich); BRISTOL (Acushnet, Attleboro city, Berkeley,
Dartmouth, Dighton, Fairhaven, Fall river City, Freetown,
Marion, Mansfield, New Bedford City, North Attleboro, Norton,
Raynham, Rehoboth, Seekonk, Somerset, Swansea, Taunton City and
Westport); DUKES; NANTUCKET; NORFOLK (Bellingham, Franklin,
Plainville, and Wrentham); PLYMOUTH (Lakeville, Mattapoisett,
Middleboro, Rochester and Wareham)

	Rates	Fringes
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Insulator/asbestos worker
(Includes the application of
all insulating materials,
protective coverings,
coatings and finishes to all
types of mechanical systems.)....\$ 40.58

26.35

BOIL0029-001 01/01/2017

	Rates	Fringes
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BOILERMAKER.....\$ 42.42

24.92

BRMA0001-008 03/01/2017

FOXBORO CHAPTER

BRISTOL (Attleboro, Berkley, Dighton, Mansfield, North
Attleboro, Norton, Raynham, Rehoboth, Seekonk, Taunton) AND
NORFOLK (Bellingham, Canton, Dedham, Foxboro, Franklin,
Norfolk, Norwood, Plainville, Sharon, Walpole, Westwood,
Dorchester) COUNTIES

Rates	Fringes
<p>1. Income Tax</p> <p>2. Corporation Tax</p> <p>3. Stamp Duty</p> <p>4. Capital Gains Tax</p> <p>5. Gift Tax</p> <p>6. Succession Tax</p> <p>7. Land Tax</p> <p>8. Excise Duty</p> <p>9. Value Added Tax</p> <p>10. Income Tax</p> <p>11. Corporation Tax</p> <p>12. Stamp Duty</p> <p>13. Capital Gains Tax</p> <p>14. Gift Tax</p> <p>15. Succession Tax</p> <p>16. Land Tax</p> <p>17. Excise Duty</p> <p>18. Value Added Tax</p>	<p>1. Income Tax</p> <p>2. Corporation Tax</p> <p>3. Stamp Duty</p> <p>4. Capital Gains Tax</p> <p>5. Gift Tax</p> <p>6. Succession Tax</p> <p>7. Land Tax</p> <p>8. Excise Duty</p> <p>9. Value Added Tax</p> <p>10. Income Tax</p> <p>11. Corporation Tax</p> <p>12. Stamp Duty</p> <p>13. Capital Gains Tax</p> <p>14. Gift Tax</p> <p>15. Succession Tax</p> <p>16. Land Tax</p> <p>17. Excise Duty</p> <p>18. Value Added Tax</p>

Bricklayer, Cement Mason,
Plasterer.....\$ 48.66 29.47

BRMA0001-009 03/01/2017

LOWELL CHAPTER

MIDDLESEX (Acton, Asby, Ayer, Bedford, Billerica, Boxboro, Carlisle, Chemsford, Dracut, Dunstable, Ft. Denvers, Groton, Littleton, Lowell, North Acton, Pepperell, Shirley, South Acton, Tewksbury, Townsend, Tyngsboro, West Acton, Westford, Wilmington)

Rates	Fringes
<p>1. Basic rate (20%) applies to:</p> <ul style="list-style-type: none"> • Income (including dividends) • Capital gains (including chargeable gains) 	<p>1. Basic rate (10%) applies to:</p> <ul style="list-style-type: none"> • Income (including dividends) • Capital gains (including chargeable gains)
<p>2. Higher rate (40%) applies to:</p> <ul style="list-style-type: none"> • Income (including dividends) • Capital gains (including chargeable gains) 	<p>2. Higher rate (20%) applies to:</p> <ul style="list-style-type: none"> • Income (including dividends) • Capital gains (including chargeable gains)
<p>3. Additional rate (45%) applies to:</p> <ul style="list-style-type: none"> • Income (including dividends) • Capital gains (including chargeable gains) 	<p>3. Additional rate (25%) applies to:</p> <ul style="list-style-type: none"> • Income (including dividends) • Capital gains (including chargeable gains)

Bricklayer and plasterer.....	\$ 48.66	29.47
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BRMA0001-010 03/01/2017

LOWELL CHAPTER

MIDDLESEX (Ashland, Framingham, Holliston, Hopkinton, Hudson,
Maynard, Natick, Sherborn, Stow); and NORFOLK (Medfield,
Needham Heights, Millis)

Rates	Fringes
<p>1. Basic rate (20%) applies to the first £12,500 of taxable profits.</p> <p>2. Higher rate (25%) applies to taxable profits in excess of £12,500.</p>	<p>1. Basic rate (10%) applies to the first £12,500 of taxable profits.</p> <p>2. Higher rate (25%) applies to taxable profits in excess of £12,500.</p>

BRICKLAYER.....	\$ 48.66	29.47
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BRMA0003-001 04/01/2017

Rates	Fringes
<p>1. Basic rate 10% on profits</p> <p>2. Dividend rate 7.5% on dividends</p> <p>3. Interest rate 2.5% on interest</p> <p>4. Capital gains rate 10% on capital gains</p>	<p>1. Basic rate 10% on profits</p> <p>2. Dividend rate 7.5% on dividends</p> <p>3. Interest rate 2.5% on interest</p> <p>4. Capital gains rate 10% on capital gains</p>

Marble & Tile Finisher.....	\$ 37.16	28.14
Marble, Tile & Terrazzo		
Workers.....	\$ 50.80	30.29
TERRAZZO FINISHER.....	\$ 49.70	30.12

BRMA0003-003 03/01/2017

BOSTON CHAPTER

MIDDLESEX (Arlington, Cambridge, Everett, Malden, Medford, Melrose, Somerville); NORFOLK (Brookline, Milton); and SUFFOLK

Rates	Fringes
<p>1. Basic rate – 12.5% (2017/18)</p> <p>2. Reduced rate – 5% (2017/18)</p> <p>3. Small business rate – 10% (2017/18)</p> <p>4. Charitable rate – 0% (2017/18)</p> <p>5. Domestic rates – 10% (2017/18)</p> <p>6. Non-domestic rates – 10% (2017/18)</p> <p>7. Business rates – 10% (2017/18)</p> <p>8. Local authority rates – 10% (2017/18)</p> <p>9. Healthcare rates – 10% (2017/18)</p> <p>10. Education rates – 10% (2017/18)</p> <p>11. Police rates – 10% (2017/18)</p> <p>12. Fire rates – 10% (2017/18)</p> <p>13. Waste rates – 10% (2017/18)</p> <p>14. Water rates – 10% (2017/18)</p> <p>15. Other rates – 10% (2017/18)</p>	<p>1. Basic rate – 12.5% (2017/18)</p> <p>2. Reduced rate – 5% (2017/18)</p> <p>3. Small business rate – 10% (2017/18)</p> <p>4. Charitable rate – 0% (2017/18)</p> <p>5. Domestic rates – 10% (2017/18)</p> <p>6. Non-domestic rates – 10% (2017/18)</p> <p>7. Business rates – 10% (2017/18)</p> <p>8. Local authority rates – 10% (2017/18)</p> <p>9. Healthcare rates – 10% (2017/18)</p> <p>10. Education rates – 10% (2017/18)</p> <p>11. Police rates – 10% (2017/18)</p> <p>12. Fire rates – 10% (2017/18)</p> <p>13. Waste rates – 10% (2017/18)</p> <p>14. Water rates – 10% (2017/18)</p> <p>15. Other rates – 10% (2017/18)</p>

BRICKLAYER.....	\$ 50.76	30.34
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BRMA0003-006 03/01/2017

LYNN CHAPTER

ESSEX (Amesbury, Andover, Beverly, Boxford, Danvers, Essex, Georgetown, Gloucester, Groveland, Hamilton, Haverhill, Ipswich, Lawrence, Lynn, Lynnfield, Manchester, Marblehead,

Merrimac, Methuen, Middleton, Nahant, Newbury, Newburyport, North Andover, Peabody, Rockport, Rowley, Salisbury, Salem, Saugus, Swampscott, Topsfield Wakefield, Wenham, West Newbury); and MIDDLESEX (Reading, North Reading, Wakefield)

	Rates	Fringes
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Bricklayer, cement mason and plasterer.....	\$ 50.76	30.34
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BRMA0003-007 03/01/2017

WALTHAM CHAPTER

MIDDLESEX (Belmont, Burlington, Concord, Lexington, Lincoln, Stoneham, Sudbury, Waltham, Watertown, Wayland, Weston, Winchester, Woburn)

	Rates	Fringes
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Bricklayer and plasterer.....	\$ 50.76	30.34
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BRMA0003-008 03/01/2017

NEWTON CHAPTER

MIDDLESEX (Newton) and NORFOLK (Dover, Needham, Wellesley)

	Rates	Fringes
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Bricklayer, cement mason and plasterer.....	\$ 50.76	30.34
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BRMA0003-009 03/01/2017

NEW BEDFORD

BARNSTABLE; BRISTOL (Acushnet, Dartmouth, Fairhaven, Fall River, Freetown, New Bedford, Somerset, Swansea, Westport); DUKES; and NANTUCKET COUNTIES

	Rates	Fringes
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Bricklayer, cement mason and plasterer.....	\$ 50.76	30.34
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BRMA0003-010 03/01/2017

QUINCY CHAPTER

NORFOLK COUNTY (Avon, Braintree, Cohasset, Holbrook, Quincy, Randolph, Soughton, Weymouth)

	Rates	Fringes
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Bricklayer, cement mason and plasterer.....	\$ 50.76	30.34
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CARP0026-001 09/01/2016

BRISTOL (Attleborough, North Attleborough); ESSEX; MIDDLESEX (Except Belmont, Cambridge, Everett, Malden, Medford, Somerville); AND NORFOLK (Bellingham, Canton, Foxboro, Franklin, Medfield, Medway, Millis, Needham, Norfolk, Norwood,

Plainville, Sharon, Walpole, Wellesley, Westwood, Wrentham)

	Rates	Fringes
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ARPENTER.....	\$ 37.80	27.40
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CARP0033-001 09/01/2016

MIDDLESEX (Belmont, Cambridge, Everett, Malden, Medford, Somerville); NORFOLK (Brookline, Dedham, Milton); and SUFFOLK

	Rates	Fringes
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CARPENTER.....	\$ 44.73	27.85
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CARP0056-011 08/01/2015

SUFFOLK (All of County); and those areas of BARNSTABLE, BRISTOL, ESSEX, MIDDLESEX & NORFOLK COUNTIES situated inside Boston Beltway (I-495) and North of Cape Cod Canal. ALL of DUKES AND NANTUCKET COUNTIES

	Rates	Fringes
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PILEDRIVERMAN.....	\$ 42.04	29.73
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CARP0056-012 08/01/2015

The areas of BARNSTABLE, BRISTOL, and NORFOLK COUNTIES situated OUTSIDE Boston Beltway (I-495) and South of Cape Cod Canal

	Rates	Fringes
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PILEDRIVERMAN.....	\$ 42.04	29.73
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CARP0056-013 08/01/2015

Those areas of ESSEX and MIDDLESEX COUNTIES situated OUTSIDE Boston Beltway (I-495)

	Rates	Fringes
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PILEDRIVERMAN.....	\$ 42.04	29.73
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CARP0424-003 09/01/2016

NORFOLK COUNTY (Braintree, Cohasset, Scituate, Weymouth, Quincy)

	Rates	Fringes
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CARPENTER.....	\$ 37.80	27.40
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CARP0624-005 09/01/2016

DUKES; NANTUCKET

	Rates	Fringes
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CARPENTER.....	\$ 44.73	27.85
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 CARP0624-007 09/01/2016

BARNSTABLE; BRISTOL (Except Attleboro & North Attleboro); AND
 NORFOLK (Avon, Holbrook, Randolph, Stoughton) COUNTIES

	Rates	Fringes
CARPENTER.....	\$ 37.80	27.40

 CARP1121-001 04/01/2017

	Rates	Fringes
MILLWRIGHT.....	\$ 38.62	29.50

 CARP2168-001 09/01/2016

MIDDLESEX (Belmont, Cambridge, Everett, Malden, Medford,
 Somerville); NORFOLK (Brookline, Dedham, Milton); and SUFFOLK

	Rates	Fringes
FLOOR LAYER: Carpet.....	\$ 42.65	28.32

 CARP2168-004 09/01/2016

BRISTOL; ESSEX; MIDDLESEX (Except Belmont, Cambridge, Everett,
 Malden, Medford, Somerville); Remainder of Norfolk County

	Rates	Fringes
FLOOR LAYER: Carpet.....	\$ 42.65	28.32

 CARP2168-005 09/01/2016

BARNSTABALE; DUKES; AND NANTUCKET

	Rates	Fringes
FLOOR LAYER: Carpet.....	\$ 42.65	28.32

 ELEC0096-001 06/01/2017

MIDDLESEX (Ashby, Ashland, Ayer, Ft. Devens, Groton, Hopkinton,
 Hudson, Marlboro, Pepperell, Shirley, Stow, Townsend)

	Rates	Fringes
ELECTRICIAN.....	\$ 41.97	11%+19.91
Teledata System Installer.....	\$ 26.16	22.49

 ELEC0099-001 06/01/2017

BRISTOL (Attleboro, North Attleboro, Seekonk)

	Rates	Fringes
ELECTRICIAN.....	\$ 38.08	57.24%
Teledata System Installer.....	\$ 28.56	13.1%+13.76

ELEC0103-001 03/01/2017

ESSEX; MIDDLESEX (Excluding Ashby, Ashland, Ayer, Ft. Devens, Groton, Hopkinton, Hudson, Marlboro, Pepperell, Shirley, Stow, Townsend); NORFOLK (Excluding Avon, Holbrook, Plainville, Randolph, Stoughton) SUFFOLK

	Rates	Fringes
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Teledata System Installer.....	\$ 36.25	29.14
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ELEC0103-002 03/01/2017

ESSEX (Amesbury, Andover, Boxford, Georgetown, Groveland, Haverhill, Lawrence, Merrimac, Methuen, Newbury, Newburyport, North Andover, Rowley, Salisbury, West Newbury); MIDDLESEX (Bedford, Billerica, Boxboro, Burlington, Carlisle, Chelmsford, Dracut, Dunstable, Littleton, Lowell, North Reading, Tewksbury, Tyngsboro, Westford, Wilmington)

	Rates	Fringes
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ELECTRICIAN.....	\$ 48.33	31.17
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ELEC0103-004 03/01/2017

ESSEX (Beverly, Danvers, Essex, Gloucester, Hamilton, Ipswich, Manchester, Marblehead, Middleton, Peabody, Rockport, Salem, Topsfield, Wenham)

	Rates	Fringes
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ELECTRICIAN.....	\$ 48.33	31.17
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ELEC0103-005 03/01/2017

ESSEX (Lynn, Lynnfield, Nahant, Saugus, Swampscott); MIDDLESEX (Acton, Arlington, Belmont, Cambridge, Concord, Everett, Framingham, Holliston, Lexington, Lincoln, Malden, Maynard, Medford, Melrose, Natick, Newton, Reading, Sherborn, Somerville, Stoneham, Sudbury, Wakefield, Waltham, Watertown, Wayland, Weston, Winchester, Woburn); NORFOLK (Bellingham, Braintree, Brookline, Canton, Cohasset, Dedham, Dover, Foxboro, Franklin, Medfield, Medway, Millis, Milton, Needham, Norfolk, Norwood, Quincy, Sharon, Walpole, Wellesley, Westwood, Weymouth, Wrentham); PLYMOUTH (Hingham and Hull); SUFFOLK

	Rates	Fringes
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ELECTRICIAN.....	\$ 48.33	31.17
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ELEC0104-001 08/28/2016

	Rates	Fringes
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Line Construction:

Cableman.....	\$ 44.35	24.66+A
Equipment Operator.....	\$ 37.70	21.58+A
Groundman.....	\$ 24.39	9.96+A
Lineman.....	\$ 44.35	24.66+A

A. PAID HOLIDAYS: New Year's Day; Memorial Day; Independence Day; Labor Day; Thanksgiving Day; Christmas Day and Columbus Day, provided the employee has been employed 5 working days prior to any one of the listed holidays.

ELEC0223-005 09/01/2016

BARNSTABLE; BRISTOL (Except Attleboro, North Attleboro, Seekonk); DUKES; NANTUCKET AND NORFOLK (Avon, Halbrook, Plainville, Randolph, Stoughton)

	Rates	Fringes
ELECTRICIAN.....	\$ 39.21	27.75%+10.60

ELEC0223-006 09/01/2016

BARNSTABLE; BRISTOL (Except Attleboro, North Attleboro, Seekonk); DUKES; NANTUCKET AND NORFOLK (Avon, Halbrook, Plainville, Randolph, Stoughton)

	Rates	Fringes
Teledata System Installer.....	\$ 33.33	27.75%+10.35

ELEV0004-001 01/01/2017

	Rates	Fringes
ELEVATOR MECHANIC.....	\$ 55.86	31.585+a+b

FOOTNOTE FOR ELEVATOR MECHANICS:

a. Vacation: 6%/under 5 years based on regular hourly rate for all hours worked. 8%/over 5 years based on regular hourly rate for all hours worked.

b. PAID HOLIDAYS: New Year's Day; Memorial Day; Independence Day; Labor Day; Veterans' Day; Thanksgiving Day; the Friday after Thanksgiving Day; and Christmas Day.

ENGI0004-001 06/01/2017

	Rates	Fringes
Power equipment operators:		
Group 1.....	\$ 46.38	26.15+A
Group 2.....	\$ 45.93	26.15+A
Group 3.....	\$ 31.86	26.15+A
Group 4.....	\$ 38.49	26.15+A
Group 5.....	\$ 23.47	26.15+A
Group 6.....	\$ 27.54	26.15+A

FOOTNOTE FOR POWER EQUIPMENT OPERATORS:

A. PAID HOLIDAYS: New Year's Day, Washington's Birthday, Labor Day, Memorial Day, Independence Day, Patriot's Day, Columbus Day, Veteran's Day, Thanksgiving Day, Christmas Day

HOURLY PREMIUM FOR BOOM LENGTHS (Including Jib):
Over 150 ft. +2.12

Over 185 ft. +3.72
 Over 210 ft. +5.23
 Over 250 ft. +7.92
 Over 295 ft. +10.97
 Over 350 ft. +12.76

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

Group 1: Crane; shovel; truck crane; cherry picker; dragline; trench hoe; backhoe; three drum machine; derrick; pile driver; elevator tower; hoist; gradall; shovel dozer; front end loader; fork lift; sugar; boring machine; rotary drill; post hole hammer; post hole digger; pumpcrete machine; asphalt plant (on site); concrete batching and/or mixing plant (on site); crusher plant (on site); paving concrete mixer; timber jack

Group 2: Sonic or vibratory hammer; grader; scraper; tandem scraper; concrete pump; bulldozer; tractor; york rake; mulching machine; portable steam boiler; portable steam generator; roller; spreader; tamper (self propelled or tractor drawn); asphalt paver; mechanic - maintenance; paving screed machine; stationary steam boiler; paving concrete finishing machine; cal truck; ballast regulator; switch tamper; rail anchor machine; tire truck

Group 3: Pumps (1-3 grouped); compressor; welding machine (1-3 grouped); generator; concrete vibrator; heater (power driven 1- 5); well point system (operating); syphon-pulsometer; concrete mixer; valves controlling permanent plant air or steam; conveyor; Jackson type tamper; single diaphragm pump; lighting plant

Group 4: Assistant engineer (fireman)

Group 5: Oiler (other than truck cranes and gradalls)

Group 6: Oiler (on truck cranes and gradalls) stant engineer (on truck crane and gradall)

 IRON0007-006 03/16/2016

AREA 1: BRISTOL (Easton); ESSEX (Beverly, Gloucester, Lynn, Lynnfield, Manchester, Marblehead, Nahant, Rockport, Salem, Saugus, Swampscott); MIDDLESEX (Arlington, Bedford, Belmont, Burlington, Cambridge, Carlisle, Concord, Dunstable, Everett, Framingham, Lexington, Lincoln, Malden, Maynard, Medford, Melrose, Natick, Newton, Reading, Sherborn, Somerville, Stoneham, Sudbury, Wakefield, Waltham, Watertown, Wayland, Weston, Winchester, Woburn); NORFOLK (Except Medway); SUFFOLK

AREA 2: ESSEX (Amesbury, Andover, Boxford, Danvers, Essex, Georgetown, Hamilton, Haverhill, Ipswich, Lawrence, Merrimac, Methuen, Newbury, Newburyport, North Andover, Rowley, Salisbury, Topsfield, Wenham, West Newbury); MIDDLESEX (Action, Billerica, Chelmsford, Dracut, Groton, Groveland, Littleton, Lowell, Middleton, North Reading, Pepperell, Tewksbury, Tyngsboro, Westford, Wilmington)

	Rates	Fringes
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Ironworkers:

AREA 1.....	\$ 42.89	29.89
AREA 2.....	\$ 38.48	29.89

 IRON0007-010 03/16/2016

MIDDLESEX (Ashby, Ashland, Ayer, Boxboro, Holliston, Hopkinton,

Hudson, Marlboro, Shirley, Stow, Townsend); NORFOLK (Medway)

	Rates	Fringes
IRONWORKER.....	\$ 42.89	29.89

IRON0037-005 03/16/2017

BARNSTABLE; BRISTOL (Acushnet, Attleboro, Berkley, Dartmouth, Dighton, Fairhaven, Fall River, Freetown, Mansfield, New Bedford, North Attleboro, Norton, Raynham, Rehoboth, Seekonk, Somerset, Swansea, Taunton, Westport); DUKES; NANTUCKET; NORFOLK (Billingham, Franklin, Plainville, Wrentham)

	Rates	Fringes
IRONWORKER.....	\$ 34.89	26.02

LABO0014-001 06/01/2016

	Rates	Fringes
Plasterer tender BARNSTABLE, BRISTOL, DUKES, ESSEX, NANTUCKET, MIDDLESEX (with the exception of Arlington, Belmont, Burlington, Cambridge, Everett, Malden, Medford, Melrose, Reading, Somerville, Stoneham, Wakefield, Winchester, Winthrop and Woburn); NORFOLK (with the exception of Brookline Dedham and Milton) COUNTIES.	\$ 31.65	21.30
SUFFOLK COUNTY (Boston, Chelsea, Revere, Winthrop, Deer Island, Nut Island); MIDDLESEX COUNTY (Arlington, Belmont, Burlington, Cambridge, Everett, Malden, Medford, Melrose, Reading, Somerville, Stoneham, Wakefield, Winchester, Winthrop and Woburn only); NORFOLK COUNTY (Brookline, Dedham, and Milton only)....	\$ 35.85	22.45

LABO0022-009 06/01/2016

SUFFOLK COUNTY (Boston, Chelsea, Revere, Winthrop, Deer & Nut Islands); MIDDLESEX COUNTY (Arlington, Belmont, Burlington, Cambridge, Everett, Malden, Medford, Melrose, Reading, Somerville, Stoneham, Wakefield, Winchester, Winthrop, and Woburn only); NORFOLK COUNTY (Brookline, Dedham, and Milton only)

	Rates	Fringes
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Laborers:

Group 1.....	\$ 35.85	22.45
Group 2.....	\$ 36.10	22.45
Group 3.....	\$ 36.60	22.45
Group 4.....	\$ 36.85	22.45
Group 5.....	\$ 36.60	22.45
Group 6.....	\$ 37.85	22.45
Group 7.....	\$ 20.50	22.45

LABORERS CLASSIFICATIONS

GROUP 1: Laborers; Carpenter Tenders

GROUP 2: Jackhammer operator; pavement breaker; asphalt raker carbide core drilling machine; chain saw operator; pipelayer; barco type jumping tampers; laser beam; concrete pump; mason tender; motorized mortar mixer; ride-on motorized buggy; fence and beam rail erector

GROUP 3: Air track, block paver; rammer; curb setter, hydraulic and similar self-powered drills

GROUP 4: Blaster; powderman

GROUP 5: Pre-cast floor and roof plank erector

GROUP 6: Asbestos removal laborers/haz-mat laborers

GROUP 7: Flaggers

LAB00022-010 06/01/2016

Counties of BARNSTABLE; BRISTOL; DUKES; ESSEX; NANTUCKET; MIDDLESEX (with the exception of Arlington, Belmont, Burlington, Cambridge, Everett, Malden, Medford, Melrose, Reading, Somerville, Stoneham, Waketield, Winchester, Winthrop and Woburn); NORFOLK (with the exception of Brookline, Dedham and Milton)

	Rates	Fringes
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Laborers:

Group 1.....	\$ 31.65	21.30
Group 2.....	\$ 31.90	21.30
Group 3.....	\$ 32.40	21.30
Group 4.....	\$ 32.65	21.30
Group 5.....	\$ 32.40	21.30
Group 6.....	\$ 33.65	21.30

LABORERS CLASSIFICATIONS

GROUP 1: Laborers; Carpenter Tenders

GROUP 2: Jackhammer operator; pavement breaker; asphalt raker carbide core drilling machine; chain saw operator; pipelayer; barco type jumping tampers; laser beam; concrete pump; mason tender; motorized mortar mixer; ride-on motorized buggy; fence and beam rail erector

GROUP 3: Air track, block paver; hammer; curb setter, hydraulic and similar self-powered drills

GROUP 4: Blaster; powderman

GROUP 5: Pre-cast floor and roof plank erector

GROUP 6: Asbestos removal laborers/haz-mat laborers

LAB01421-004 07/01/2016

BARNSTABLE, BRISTOL, DUKES, ESSEX, MIDDLESEX, NANTUCKET NORFOLK
AND SUFFOLK COUNTIES

	Rates	Fringes
Laborers: (Wrecking)		
Group 1.....	\$ 36.00	22.45
Group 2.....	\$ 36.75	22.45
Group 3.....	\$ 37.00	22.45
Group 4.....	\$ 32.00	22.45
Group 5.....	\$ 35.10	22.45
Group 6.....	\$ 36.00	22.45

Group 1: Adzeman, Wrecking Laborer.

Group 2: Burners, Jackhammers.

Group 3: Small Backhoes, Loaders on tracks, Bobcat Type
Loaders, Hydraulic "Brock" Type Hammer Operators, Concrete
Cutting Saws.

Group 4: Yardman (Salvage Yard Only).

Group 5: Yardman, Burners, Sawyers.

Group 6: Asbestos, Lead Paint, Toxic and Hazardous Waste.

PAIN0011-007 06/01/2016

BARNSTABLE, BRISTOL, DUKES, AND NANTUCKET COUNTIES

	Rates	Fringes
GLAZIER.....	\$ 35.58	20.15+A

FOOTNOTE:

A. PAID HOLIDAY: LABOR DAY (provided employee has worked any
part of the week prior to Labor Day and any part of the
week after Labor Day)

PAIN0035-004 01/01/2015

BARNSTABLE; BRISTOL; ESSEX; NANTUCKET; DUKES; COUNTIES;
REMAINDER OF NORFOLK; MIDDLESEX AND SUFFOLK COUNTIES

	Rates	Fringes
Painters:		
NEW CONSTRUCTION:		
Brush, Taper.....	\$ 36.26	25.95
Spray, Sandblast.....	\$ 37.66	25.95
REPAINT:		
Brush, Taper.....	\$ 34.32	25.95
Spray, Sandblast.....	\$ 35.72	25.95

PAIN0035-013 01/01/2015

MIDDLESEX (Cambridge, Everett, Malden, Medford, Somerville)
SUFFOLK COUNTY (Boston, Chelsea) NORFOLK COUNTY (Brookline)

	Rates	Fringes
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Painters:

NEW CONSTRUCTION:

Brush, Taper.....	\$ 42.05	25.95
Spray, Sandblast.....	\$ 43.45	25.95

REPAINT:

Brush, Taper.....	\$ 40.11	25.95
Spray, Sandblast.....	\$ 41.51	25.95

PAIN0035-020 01/01/2015

ESSEX; MIDDLESEX; NORFOLK; SUFFOLK

	Rates	Fringes
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GLAZIER.....	\$ 36.26	25.95
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PLAS0534-001 01/01/2017

ESSEX; MIDDLESEX; NORFOLK AND SUFFOLK COUNTY

	Rates	Fringes
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CEMENT MASON/CONCRETE FINISHER...	\$ 40.00	33.91
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PLAS0534-004 01/01/2017

MIDDLESEX; NORFOLK AND SUFFOLK COUNTIES

	Rates	Fringes
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PLASTERER.....	\$ 40.00	33.91
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PLUM0004-001 03/01/2017MIDDLESEX (Ashby, Ayer-West of Greenville branch of Boston and
Maine Railroad, Ft. Devens, Groton, Shirley, Townsend)

	Rates	Fringes
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Plumbers and Pipefitters.....	\$ 42.81	25.51
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PLUM0012-005 03/01/2017ESSEX (Ames, Andover, Beverly, Boxford, Byfield, Danvers,
Essex, Georgetown, Gloucester, Groveland, Hamilton, Haverhill,
Ipswich, Lawrence, Manchester, Marblehead, Merrimac, Methuen,
Middleton, Newbury, Newburyport, North Andover, Peabody,
Rockport, Rowley, Salem, Salisbury, Topsfield, Wenham, West
Newbury)

	Rates	Fringes
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PLUMBER.....	\$ 48.36	28.38
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PLUM0012-007 03/01/2017ESSEX (Lynn, Lynnfield, Nahant, Saugus, and Swampscott);
MIDDLESEX (Acton, Arlington, Ashford, Ayer-except west of
Greenville Branch of Boston & Maine Rail Road, Bedford,

Belmont, Billerica, Boxboro, Burlington, Cambridge, Carlisle, Chelmsford, Concord, Dracut, Dunstable, Everett, Framingham, Hudson, Holliston, Hopkinton, Lexington, Lincoln, Littleton, Lowell, Malden, Marlboro, Maynard, Medford, Melrose, Natick, Newton, North Reading, Pepperell, Reading, Sherborn, Somerville, Stoneham, Stow, Sudbury, Tewksbury, Tyngsboro, Wakefield, Watham, Watertown, Wayland, Westford, Wilmington, Winchester and Woburn), NORFOLK (Bellingham, Braintree, Brookline, Canton, Cohasset, Dedham, Dover, Foxboro, Franklin, Medford, Medway, Millis, Milton, Needham, Norfolk, Norwood, Plainville, Quincy, Sharon, Walpole, Wellesley, Westwood, Weymouth and Wrentham); PLYMOUTH (Hingham, Hull, Scituate); SUFFOLK; WORCESTER (Hopedale and Southboro)

	Rates	Fringes
PLUMBER.....	\$ 52.44	28.38

PLUM0051-004 09/01/2016

BARNSTABLE; BRISTOL; DUKES; NANTUCKET; AND NORFOLK (Avon, Holbrook, Randolph, Stoughton) COUNTIES

	Rates	Fringes
Plumbers and Pipefitters.....	\$ 38.38	28.20

PLUM0537-005 09/01/2016

ESSEX (Ames, Andover, Beverly, Boxford, Byfield, Danvers, Essex, Georgetown, Gloucester, Groveland, Hamilton, Haverhill, Ipswich, Lawrence, Lynn, Lynnfield, Manchester, Marblehead, Merrimac, Methuen, Middleton, Nahant, Newbury, Newburyport, North Andover, Peabody, Rockport, Rowley, Salem, Salisbury, Saugus, Swampscott, Topsfield, Wenham, West Newbury); MIDDLESEX (Acton, Arlington, Ashford, Ayer-except west of Greenville Branch of Boston & Maine Rail Road, Bedford, Belmont, Billerica, Boxboro, Burlington, Cambridge, Carlisle, Chelmsford, Concord, Dracut, Dunstable, Everett, Framingham, Hudson, Holliston, Hopkinton, Lexington, Lincoln, Littleton, Lowell, Malden, Marlboro, Maynard, Medford, Melrose, Natick, Newton, North Reading, Pepperell, Reading, Sherborn, Somerville, Stoneham, Stow, Sudbury, Tewksbury, Tyngsboro, Wakefield, Watham, Watertown, Wayland, Westford, Wilmington, Winchester and Woburn), NORFOLK (Bellingham, Braintree, Brookline, Canton, Cohasset, Dedham, Dover, Foxboro, Franklin, Medford, Medway, Millis, Milton, Needham, Norfolk, Norwood, Plainville, Quincy, Sharon, Walpole, Wellesley, Westwood, Weymouth and Wrentham); PLYMOUTH (Hingham, Hull, Scituate); SUFFOLK; WORCESTER (Hopedale and Southboro)

	Rates	Fringes
PIPEFITTER.....	\$ 50.19	29.76

ROOF0033-001 02/01/2017

	Rates	Fringes
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Roofers:

All Tear-off and/or
removal of any types of

roofing and all spudding,
sweeping, vacuuming and/or
cleanup of any and all
areas of any type where a
roof is to be relaid.....\$ 41.36 25.17

SFMA0550-001 03/01/2017

BRISTOL (Portion within 35 mile radius from Boston City Hall;
ESSEX; MIDDLESEX (Except Ashby, Townsend, and portions of
Pepperell and Shirley beyond 35 mile radius from Boston City
Hall); NORFOLK; PLYMOUTH (Portion within 35 mile radius of
Boston City Hall); SUFFOLK

	Rates	Fringes
SPRINKLER FITTER.....	\$ 56.08	26.78+a

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.

SFMA0550-002 03/01/2017

BRISTOL (Seekonk, Swansea, and Somerset)

	Rates	Fringes
SPRINKLER FITTER.....	\$ 50.47	26.78+a

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.

SFMA0669-001 04/01/2017

BARNSTABLE; BRISTOL (Beyond 35 mile radius of Boston City
Hall); DUKES; MIDDLESEX (Ashby, Townsend, portions of Pepperell
and Shirley beyond 35 mile radius of Boston City Hall);
NANTUCKET; PLYMOUTH (Beyond 35 mile radius of Boston City Hall)

	Rates	Fringes
SPRINKLER FITTER.....	\$ 40.26	15.84

SHEE0017-003 10/01/2015

BRISTOL (Attleboro, Berkley, Easton, Mansfield, North
Attleboro, Norton, Raynham, Taunton); ESSEX; MIDDLESEX;
NORFOLK; PLYMOUTH (except except Marion, Mattapoisett,
Rochester, Wareham); SUFFOLK

	Rates	Fringes
Sheet metal worker.....	\$ 35.60	30.05

SHEE0017-007 10/01/2015

BARNSTABLE; BRISTOL (Acushnet, Assonet, Dartmouth, Dighton, Fairhaven, Fall River, Freetown, New Bedford, Rehoboth, Seekonk, Somerset, Swansea, Westport); DUKES; AND NANTUCKET

	Rates	Fringes
Sheet metal worker.....	\$ 35.60	30.05

TEAM0379-001 08/01/2016

	Rates	Fringes
Truck drivers:		
Group 1.....	\$ 31.98	21.96+A+B
Group 2.....	\$ 32.15	21.96+A+B
Group 3.....	\$ 32.22	21.96+A+B
Group 4.....	\$ 32.34	21.96+A+B
Group 5.....	\$ 32.44	21.96+A+B
Group 6.....	\$ 32.73	21.96+A+B
Group 7.....	\$ 33.02	21.96+A+B

POWER TRUCKS \$.25 DIFFERENTIAL BY AXLE

TUNNEL WORK (UNDERGROUND ONLY) \$.40 DIFFERENTIAL BY AXLE

HAZARDOUS MATERIALS (IN HOT ZONE ONLY) \$2.00 PREMIUM

TRUCK DRIVERS CLASSIFICATIONS

Group 1: Station wagons; panel trucks; and pickup trucks

Group 2: Two axle equipment; & forklift operator

Group 3: Three axle equipment and tireman

Group 4: Four and Five Axle equipment

Group 5: Specialized earth moving equipment under 35 tons other than conventional type trucks; low bed; vachual; mechanics, paving restoration equipment

Group 6: Specialized earth moving equipment over 35 tons

Group 7: Trailers for earth moving equipment (double hookup)

FOOTNOTES:

A. PAID HOLIDAYS: New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Patriot's Day, Columbus Day, Veteran's Day, Thanksgiving Day and Christmas Day

B. PAID VACATION: Employees with 4 months to 1 year of service receive 1/2 day's pay per month; 1 week vacation for 1 - 5 years of service; 2 weeks vacation for 5 - 10 years of service; and 3 weeks vacation for more than 10 years of service

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

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 clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and

non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator

(See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

DIVISION 1

GENERAL ADMINISTRATIVE REQUIREMENTS

1.01 GENERAL SCOPE OF THE WORK

A. The work consists of the following:

1. Complete removal of all existing metal windows at 52-54 and 68-70 Wyman Street, Waban, MA and installation of new vinyl clad windows as detailed on the architectural drawings and notes included in project documents. Installation shall include but is not limited to ensuring that replacement windows are measured and fitted correctly, proper insulation is applied to each window opening, flashing and urethane sealant are used to guarantee a complete weather seal is provided to each unit. Asbestos remediation (caulking) is included in the scope of work for the project. All windows must be final cleaned upon completion of project by professional cleaners.

2. Sections incorporated into these documents include Alternates, Asbestos, Carpentry, Painting and Vinyl Window specifications. Sections regarding any incidental associated work such as patching, painting or repairing of areas with carpentry work resulting from windows being removed is the sole responsibility of the Contractor and is part of this Contract. These sections do not imply a larger scope of work other than that being incidental to the replacement of windows and remediation of asbestos thereof.

3. Contractor is responsible for disposal of all materials to an appropriate off-site waste and recycle facility. Contractor will be responsible for daily clean-up of site to ensure that no hazard to public safety occurs. Contractor shall comply with all applicable local, State and Federal regulations pertaining to asbestos remediation to ensure public and workmen safety.

1.02 Time of Completion

The Work shall commence at the time stated in the Owner's Notice To Proceed and shall be completed within sixty (60) consecutive calendar days thereafter.

1.03 SELECTION CRITEREA

A. In addition to any provisions of the General Conditions, the Contractor shall be selected based on the sum of the lowest base bid and alternate upon demonstrating that the bidder meets all requirements regarding the following criteria:

1. Bidders who demonstrate a thorough understanding of the project scope, clarity and detail of information, shall be considered as highly desirable.

2. Those bidders who provide proof of at least 5 consecutive years of window replacement experience as well as proof that the service they provide is of the best practices and highest quality with the industry.

3. References as to customer satisfaction with previous work performed and the number of change orders involved with projects as well as the speed at which both work and change orders were accomplished will have a significant impact on the outcome of the bid submitted.

SECTION 013100 PROJECT MANAGEMENT AND COORDINATION

31.1 GENERAL PROVISIONS

The Conditions of the Contract and other Sections of Division I, General Requirements apply to this section.

31.2 RELATED SECTIONS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.
- B. Related Specification Sections include the following:
 - 1. Alternates
 - 2. Asbestos Remediation
 - 3. Finish Carpentry
 - 4. Painting
 - 5. Vinyl Windows

31.3 PROJECT MANAGEMENT

- A. The Contractor's attention is directed to Article 3 of the General Conditions.
- B. Project Superintendent.
 - (1.) The Contractor shall employ a Superintendent and necessary assistants who shall be in attendance at the Project site during performance of the Work. The Superintendent shall represent the Contractor, and communications given to the Superintendent shall be as binding as if given to the Contractor. Important communications shall be confirmed in writing. Other communications shall be similarly confirmed on written request in each case.
 - (2.) The Superintendent shall be a competent and responsible employee, satisfactory to the Owner, who is regularly employed by the Contractor and is designated by the Contractor as its representative to be in full time attendance at the Project site throughout the construction of the Work.
 - (3.) The Superintendent shall be responsible for coordinating all the Work of the Contractor and the Subcontractors. The Superintendent shall be licensed consistent with the Massachusetts Building Code.
 - (4.) The Superintendent's resume shall be submitted to the Owner prior to commencement of construction and must demonstrate to the Owner's reasonable satisfaction that the Superintendent has performed the same duties on previous construction projects similar to the Project
 - (5.) The Superintendent shall attend each job meeting.
- C. The Contractor must supply to the Owner the home telephone number of a responsible person who may be contacted during non-work-hours for emergencies on the Project.

D. Project Meetings

- (1.) Prior to commencement of the Work, the Contractor shall meet in conference with representatives of the Owner and Architect to discuss and develop mutual understandings relative to administration of the quality assurance program, safety program, labor provisions, the schedule of work, and other Contract procedures.
- (2.) The Architect will attend job meetings and perform site visits according to the Contract with Newton Housing Authority in an endeavor to guard the Owner against defects and deficiencies in the Work.

31.4 COORDINATION

A. All dwelling units will be occupied during construction. The Contractor shall take all necessary precautions to ensure the public safety and convenience of the occupants during construction.

- B. The Contractor is responsible for the security of partially completed work until the project is accepted by the Owner.

31.5 LABOR

- A. The Contractor shall enforce strict discipline and good order among the Contractor's employees and other persons carrying out the Work. The Contractor shall not permit employment of unfit persons or persons not skilled in tasks assigned to them, and whenever the Owner shall notify the Contractor, in writing, that any worker is, in its opinion, incompetent, unfaithful, disorderly, or otherwise unsatisfactory, such employee shall be discharged from the Work and shall not again be employed on the Project except with the consent of the Owner.
- B. Workers shall refrain from smoking while performing work inside dwelling units, including basement areas. The Contractor shall remove from the project workers who consistently violate this provision.

31.6 SHUTDOWN OF SERVICES

- A. The Contractor's attention is especially called to the fact that the continuous operation of services for this housing development is mandatory. If the development is to be left without heat, hot water, domestic water, electricity, gas, sanitary facilities, or any other services for more than an eight hour period, the Contractor shall submit a letter to the Owner and obtain written approval from the Owner before proceeding.
- B. If the Owner will not allow this shutdown, but wants instead a temporary means of supplying said services, the Contractor shall supply all labor, materials or whatever may be required to supply said temporary services at no extra cost to the Owner and in accordance with the state and local regulations on health and safety.

31.7 COORDINATION

- A. The Contractor shall submit for approval to the Owner a detailed operational plan showing the sequence of operations prior to commencement of any work at the site. The Owner must approve any changes to this operational plan.
- B. The work must be completed in a continuous uninterrupted operation. The Contractor must use sufficient personnel and adequate equipment to complete all the necessary work requirements within a minimum period of time.

- C. Unless specifically authorized by the Owner, in writing, the work must be conducted between the hours of 8:00 a.m. and 4:30 p.m. on Monday through Friday. No work is to be done on holidays, Saturdays, or Sundays other than for emergencies.
- D. There shall be no storage of materials, tools, and/or equipment within any of the occupied dwelling units. Any storage within unoccupied dwelling units or other space controlled by the Owner must be authorized by the Owner, in writing.
- E. Only materials and/or equipment intended and necessary for immediate use shall be brought into the dwelling units. At the end of each work day and at the completion of each phase of work, equipment and leftover or unused materials shall be removed from each dwelling unit.
- F. Whenever work is to be done inside occupied units the Contractor's superintendent and an Owner's representative shall conduct a pre-work inspection of each unit to make note of existing conditions in the unit. Special attention should be paid to areas where new work will meet existing conditions.

31.8 OWNER'S COOPERATION

- A. The Owner shall assist the Contractor to perform the Work in accordance with the approved operational plan by removing obstructions that may be in the Contractor's way, upon proper notice from the Contractor.
- B. The Owner may provide a Resident Coordinator to act as liaison with residents and to assist the Contractor in fulfilling the following:
 - (1.) Notifying all residents two (2) weeks before any work is scheduled in their apartments.
 - (2.) Notifying each resident in writing forty-eight (48) hours before work is scheduled in his or her particular apartment.
 - (3.) Obtaining signed permission to enter the apartment, if the resident will not be at home.
 - (4.) Obtain from the Owner the keys for any vacant apartment(s) or any apartment(s) where the resident is not at home. The Resident Coordinator will be responsible for the safekeeping of such keys and shall return them at the end of the workday to the Owner.
 - (5.) Notify the Owner of any resident who refuses to cooperate with the proposed operational plan.

END OF SECTION 01.31.00

SECTION 01.33.00 SUBMITTALS - SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES

1. RELATED DOCUMENTS

A. This Section supplements all relative sections found within the General Conditions of the Contract for Construction.

2. GENERAL PROCEDURES FOR SUBMITTALS

- A. **Timeliness** - The Contractor shall transmit each submittal to the Authority sufficiently in advance of performing related Work or other applicable activities so that the installation is not delayed by processing times, including disapproval and resubmittal (if required), coordination with other submittals, testing, purchasing, fabrication, delivery, and similar sequenced activities. No extension of time will be authorized because of the Contractor's failure to transmit submittals to the Architect in advance of the Work.
- B. **Sequence** - The Contractor shall transmit each submittal in a sequence which will not result in the Authority's approval having to be later modified or rescinded by reason of subsequent submittals which should have been processed earlier or concurrently for coordination.
- C. **Contractor's Review and Approval** - Only submittals received from and bearing the stamp of approval of the Contractor will be considered for review by the Authority. Submittals shall be accompanied by a transmittal notice stating name of Project, date of submittal, "To" (Contractor, Subcontractor, Installer, Manufacturer, Supplier), Specification Section, or Drawing No. to which the submittal refers, purpose (first submittal, resubmittal), description, remarks, distribution record, and signature of transmitter.
- D. **Authority's Action** - The Authority will review the Contractor's submittals and return them with one of the following actions recorded thereon by appropriate markings:
 - (1) **Final Unrestricted Release**: When marked "Approved" the Work covered by the submittal may proceed provided it complies with the requirements of the Contract Documents.
 - (2) **Final-But-Restricted Release**: When marked "Approved as Noted", the Work may proceed provided it complies with the Authority's notations or corrections on the submittal and complies with the requirements of the Contract Documents. Acceptance of the Work will depend on these compliances.
 - (3) **Returned for Resubmittal**: When marked "Revise and Resubmit" or "Disapproved" the Work covered by the submittal (such as purchasing, fabrication, delivery, or other activity) should not proceed. The submittal should be revised or a new submittal resubmitted without delay, in accordance with the Authority's notations stating the reasons for returning the submittal.
- E. **Processing** - All costs for printing, preparing, packaging, submitting, resubmitting, and mailing, or delivering submittals required by this contract shall be included in the Contract Sum.

3. OR EQUALS

- A. Definition -Whenever a specification section names one or more brands for a given item, and the Contractor wishes to submit, for consideration, another brand, the submission shall be considered an "or-equal" or a "material substitution". For the purposes of this Contract, the terms "or-equal" and "material substitution" shall be considered synonymous.
- B. In no case may an item be furnished on the Work other than the item named or described unless the Authority provides written approval that it shall consider the item equal to the Item so named or described, as provided by M.G.L. c.30 §39M.
- C. The equality of items offered as "equal" to items named or described shall be proved to the satisfaction of the Architect at the expense of the Contractor submitting the substitution in accordance with the process described in Section 01.25.00 of these specifications.

4. SUBMISSION OF PRODUCT DATA

- A. The Contractor shall submit 3 copies of Product Data to the Authority. All such data shall be specific and identification of material or equipment submitted shall be clearly marked in ink. Data of general nature will not be accepted.
- B. Product Data shall be accompanied by a transmittal notice. The Contractor's stamp of approval shall appear on the printed information itself in a location which will not impair legibility.
- C. Product Data returned by the Architect as "Disapproved" shall be resubmitted in 3 copies until the Authority's approval is obtained.
- D. When the Product Data are acceptable, the Authority will stamp them "Approved" or "Approved as Corrected", retain 2 copies, and return 1 copy to the Contractor. The Contractor shall provide and distribute additional copies as may be required to complete the Work.
- E. The Contractor shall maintain one full set of approved. original, Product Data at the site.

5. SUBMISSION OF SAMPLES

- A. Unless otherwise specified in the individual section, the Contractor shall submit two specimens of each sample.
- B. A transmittal notice with the Contractors stamp of approval shall be included with all sample submittals.
- C. Samples shall be of adequate size to permit proper evaluation of materials. Where variations in color or in other characteristics are to be expected, samples shall show the maximum range of variation. Materials exceeding the variation of approved samples will not be approved on the Work.
- D. Samples of items of interior finishes shall be submitted all at once to permit a coordinated selection of colors and finishes.
- E. Samples that can be conveniently mailed shall be sent directly to the Authority, accompanied by a transmittal notice. All transmittals shall be stamped with the Contractor's approval stamp of the material submitted.
- F. If a sample is rejected by the Authority, a new sample shall be resubmitted in the specified manner. This procedure shall be repeated until the Authority approves the sample

- G. Samples will not be returned unless return is requested at the time of submission. The right is reserved to require submission of samples whether or not particular mention is made in the specifications, at no additional cost to the Owner.

END OF SECTION 01.33.00

SUBMITTALS

SECTION 01.23.00 ALTERNATES

1.01 SCOPE OF THE WORK

- A. This Section lists the Alternates which appear in the Contract Documents. Consult the individual sections of the detailed requirements of each Alternate.
- B. Bid prices for each Alternate shall include overhead, profit, and all other expenses incidental to the Work under each Alternate.
- C. The Contractor and Subcontractors shall be responsible for examining the scope of each Alternate generally defined herein and for recognizing modifications to the Work caused by the Alternates and including the cost thereof in the bid price.
- D. The Contractor's alternate amount shall include the net change in cost to perform all of the work described in the Alternate.

1.02 ALTERNATE NO. 1

The following alternate is provided as an upgrade option to be provided by bidders in the event that such upgrade fits the budget of the Authority for replacement windows. Harvey Tribute windows contain the following features as listed below:

A. Harvey Tribute (double glazed) or equal

Description of features:

- low profile locks
- Contoured sash and glazing bead provide a sleek, design similar to wood window
- Streamlined bottom sash with optional integral or applied lift handles
- enhanced Window Screen (VIEWS) half screen

Performance

- Standard ENERGY STAR® glazing surpasses ENERGY STAR qualifications with Double Low-E/Argon and warm edge spacer system
- Anti-theft ventilation limit latches for security while ventilating
- Dual action low profile sash lock with integrated tilt/wash feature eliminates the need for separate tilt latches

High Performance Glazing Option

- Two panes of glass utilize Low-E coating

**END OF ALTERNATES
01.23.00**

SECTION 02.28.20
ASBESTOS REMEDIATION

PART 1 - GENERAL

1.01 GENERAL PROVISIONS

- A. General Conditions, Supplementary Conditions and applicable parts of Division 1 form a part of this specification and the Contractor shall consult them in detail for instructions.
- B. Examine all Specifications and Drawings for requirements therein affecting the work of this trade.

1.02 DESCRIPTION OF WORK

- A. The work includes the complete removal and disposal of all ACM as indicated in Part 3 of this Section. The General Contractor must retain the services of a Massachusetts licensed asbestos abatement contractor to perform the required services.
- B. The Contractor shall provide a lump sum bid for all required services included in Part 3.

1.03 RELATED WORK UNDER OTHER SECTIONS

- A. Selective Demolition

1.04 POTENTIAL ASBESTOS HAZARD & DEBRIS

- A. Where in the performance of the work, workers, supervisory personnel, subcontractors or consultants may encounter, disturb or otherwise function in the immediate vicinity or any identified ACM, take appropriate continuous measures as necessary to protect all building occupants from any potential hazard of exposure to airborne asbestos. Such measures shall include the procedures and methods described herein and compliance with regulations of applicable federal, state and local agencies.
- B. If the Contractor fails to comply with the requirements of the specifications, the Authority's representative may present a written stop of work order. The Contractor must immediately and automatically stop all work until authorized in writing by the Authority's representative to commence work. All costs related to delay shall be borne by the Contractor.

1.05 DEFINITIONS

- A. Abatement: Procedures to control fiber release. Includes encapsulation, enclosure and removal.
- B. Air Monitoring: The process of measuring the fiber content of a specific volume of air in a stated period of time.
- C. Area Monitoring: Sampling of asbestos fiber concentrations within the asbestos control area and outside the asbestos control area, which is representative of the airborne concentrations of asbestos fibers, which may reach the breathing zone.
- D. Asbestos: The name given to a number of naturally occurring hydrated mineral silicates that possess a unique crystalline structure are incombustible and are separable into fibers. Asbestos includes Chrysotile, Crocidolite, Amosite, Anthophyllite and Actinolite.

- E. ACM: Any material containing more than 1% or greater of by weight of asbestos of any type or mixture of types. State laws may vary in their definition of asbestos containing material.
- F. Critical Barrier: A solid, asbestos impermeable partition erected so as to constitute a work area closure; the outer perimeter of an asbestos work area, usually erected across corridors or other open spaces to complete containment.
- G. Enclosure: All herein specified procedures necessary to complete enclosure of all ACM behind airtight, impermeable, permanent barriers.
- H. Friable Asbestos Material: Material that contains more than one percent asbestos by weight and that can be crumbled, pulverized or reduced to powder by hand pressure when dry.
HEPA filter: A high efficiency Particulate Absolute (HEPA) filter capable of trapping and retaining 99.97% of asbestos fibers greater than 0.3 microns in length.
- I. Project Monitor: A Project Monitor certified in the Commonwealth of Massachusetts to perform air monitoring.
- J. Removal: All herein specified procedures necessary to strip all ACM from the designated areas and to dispose of these materials at an acceptable site.
- K. Respirator: A device designed to protect the wearer from the inhalation of harmful atmospheres.
- L. Visible Emissions: Any emissions containing particulate asbestos material that are visually detectable without the aid of instruments. This does not include condensed uncombined water vapor.
- M. Wet Cleaning: The process of eliminating asbestos contamination from buildings surfaces and objects by using cloths, mops or other cleaning tools which have been dampened with water, and by afterwards disposing of these cleaning tools as asbestos contaminated waste.
- N. Work Area: Any area indicated within the Specifications or any drawings as asbestos abatement areas or as areas containing friable asbestos material.

1.06 CONTRACTOR'S USE OF THE EXISTING BUILDINGS

- A. Keep existing driveways and entrances serving the premises clear and available to the Authority and residents at all times. Do not use these areas for parking or storage of materials unless authorized in writing by the Authority.
- B. Smoking or open fires will not be permitted within the buildings enclosures or on the premises.

1.07 ADMINISTRATIVE AND SUPERVISORY PERSONNEL

- A. Provide a full time Supervisor with all appropriate state licenses who is experienced in administration and supervision of asbestos abatement projects including work practices, protective measures for buildings and personnel, disposal procedures, etc. This person is the Competent Person as required by 29 CFR 1926 or the Contractor and is the Contractor's representative responsible for compliance with all applicable federal, state and local regulations, particularly those relating to asbestos. This person shall have completed a course at an EPA Training Center or equivalent certificate course in asbestos abatement procedures, have had a minimum of two years of on the job training and meet all additional requirements set forth in 29 CFR 1926 for a Competent Person.
- B. The site supervisor must be certified by the State of Massachusetts.

1.08 SUBMITTALS

- A. No work shall commence until the Contractor has provided complete submittals to the Authority not less than 10 working days prior to the commencement of the work. The submittals shall include the following:
1. Submit all licenses and certification required.
 2. Submit written evidence that the landfill to be used for disposal of asbestos is approved for disposal by the EPA.
 3. Secure necessary permits in conjunction with asbestos removal, hauling and disposition and provide timely notification as may be required by local, federal, state, and regional authorities. Notify the Department of Environmental Protection (DEP) and the Massachusetts Department of Labor and Standards (DLS) and provide copies of the notification.
 4. Notify the local municipal Fire, Police and Health Departments of proposed asbestos as pertains to the scope of work involved. Provide the Authority of copies of same as proof of notification.
 5. The Contractor shall provide a plan submittal for managing the waste including all collection, storage, disposal and decontamination practices/waste disposal.
 6. Submit medical examinations for all employees in accordance with 29CFR 1926.1101 (m). All employees hired by the Asbestos Contractor after the start of work shall have medical examinations in accordance with this paragraph before being allowed to commence with work.
 7. Provide MSDS for all products used on this Project.

1.09 PERMIT AND COMPLIANCE

- A The Contractor shall assume full responsibility and liability for compliance with all applicable local, State and Federal laws, rules and regulations pertaining to Work practices, protection of Workers, authorized visitors to the site, persons, and property adjacent to the Work.
- B. The Contractor must maintain current certificates of training, licenses or registrations pursuant to OSHA, MA DEP, AND EPA regulations for all Work related to this Project, including the removal, handling, storing, transporting and disposal of asbestos waste materials.

1.10 SAFETY COMPLIANCE

A Comply with laws, ordinances, rules and regulations of local, State, Federal and regional authorities regarding handling, storing, transporting and disposal of asbestos waste materials.

B Comply with the applicable requirements of the current issue of 29 CFR 1926.1101 and 40 CFR 61, Subparts A and B. Submit matters of interpretation of standards to the appropriate administrative agency for resolution before starting project work.

1.11 PERSONNEL PROTECTION

A. Prior to commencement of work, workers shall be instructed in and shall be knowledgeable of the following: hazards of asbestos exposure; proper use and fitting of respirators, use of showers (if applicable), entry and exit from the work areas and all aspects of work procedures and protective measures.

B All abatement workers shall receive training and shall be accredited as required by 40 CFR 763.90(g). Training and accreditation shall be provided in accordance with 40 CFR 763, Appendix C to Subpart E. Training shall also be provided to meet the requirements of OSHA Regulations contained in 29 CFR 1926.

- C. Maintain complete and accurate records of employee's medical examinations, during employment and make records of the required medical examinations available for inspection and copying to the Assistant Secretary of OSHA, the Director of the National Institute for Occupation Safety and Health (NIOSH), authorized representatives of either of them and an employee's physician upon the request of the employee or former employee.
- D. Provide goggles to personnel engaged in asbestos operations when the use of a full-face respirator is not required. Provide personnel exposed to concentrations of asbestos fibers with fire retardant disposable protective whole body clothing, head coverings, gloves and foot coverings. Make sleeves secure at the wrists and make foot coverings secure at the ankles by the use of tape. Contractor shall require and monitor the use of complete protective clothing. A competent person designated by the Asbestos Contractor in accordance with 29 CFR 1926.1101 shall periodically examine protective clothing worn by employees in the work area for rips or tears.
- E. Provide all persons with personally issued and marked respiratory equipment approved by NIOSH and OSHA. The appropriate respiratory protection shall be selected according to the most recent Massachusetts' regulations.
- F. Select respirators from those approved by the Mine Safety and Health Administration (MSHA), Department of Labor or the National Institute for Occupational Safety and Health (NIOSH), Department of Health and Human Services. All personnel wearing negative pressure respirators shall have respirator fit tests within the last six months and signed statements certifying such which shall be made available upon request of the Authority.

1.12 REPORTING

A Maintain on site a daily log documenting the dates and time of the following items in addition to other significant events:

- 1. Minutes of meetings: purpose, attendees and brief discussion
- 2. Visitations: authorized and unauthorized
- 3. Personnel: by name, entering and leaving the work area
- 4. Special or unusual events

B Documentation with confirmation signature of the Project Monitor of the following:

- 1. Inspection of work area preparation prior to start of removal and daily thereafter.
- 2. Removal of any polyethylene barriers.
- 3. Removal of waste materials from work area and transport and disposal at approved site.
- 4. Decontamination of equipment.
- 5. Waste Shipment Records. No final payment will be approved until all above documents have been submitted.

PART 2 - PRODUCTS

2.01 MATERIALS

A. Plastic Sheet: 6 mil minimum thickness unless otherwise specified, in sizes to minimize the frequency of joints.

B. Tape: Capable of sealing joints of adjacent sheets of plastic and for attachment of plastic sheet to finished or unfinished surfaces of dissimilar materials and capable of adhering under dry and wet conditions, including use of amended water. Provide tape, which minimizes damage to surface finishes. The Contractor shall repair any damage caused by Work performed.

C. Cleaning Materials: Use materials recommended by manufacturer of surface to be cleaned. Use cleaning materials only on surfaces recommended by the cleaning material manufacturer.

D. Fire Stop Foam: Use combination fire stop foam and fire stop sealant equivalent to Dow Corning Fire Stop Foam and Dow Corning Fire Stop Sealant at all wall openings found above the ceiling system. Material should be applied in accordance with manufacturer's recommendations.

E. Encapsulant (Wetting Agent): 50% polyoxyethylene ether and 50% polyoxyethylene ester, or equivalent, and mixed with water to provide a concentration of one ounce surfactant to 5 gallons of water.

F. Impermeable Containers: Suitable to receive and retain any asbestos containing or contaminated materials until disposal at an approved site. Containers must be both air and watertight.

G. Provide metal or fiber drums with tightly fitting lids and double thickness 6 mil plastic bags capable of being sealed, and sized to fit within the drums.

2.02 EQUIPMENT

A. Supply the required number of asbestos air filtration units to the site in accordance with these specifications.

EXECUTION:

3.01 SCOPE OF WORK

Specific Notes:

1. It is the Asbestos Contractor's responsibility to inspect the site and confirm conditions and quantities prior to the submission of his/her bid package. It is also the Asbestos Contractor's responsibility to submit his/her means and methods of removal of all windows to the Authority prior to work commencing.
2. Contractor is responsible for removing and properly disposing of windows including, but not limited to, screens, windows, panels, glass, frames, sash, casings, sills, shims, fasteners, anchors, sealant, flashing, etc. Caulking was found to contain 5% asbestos.

3.02 JOB CONDITIONS

- A. Do not commence asbestos abatement work until:
1. Arrangements have been made for disposal of waste at an acceptable site.
 2. Arrangements have been made for containing and disposal of wastewater resulting from wet stripping or filtering through a 5 micron filter.
- B. All materials resulting from abatement work, except as specified otherwise, shall become the property of the Asbestos Contractor and shall be disposed of as specified herein.

3.03 INSPECTION AND PREPARATION

- A. Examine the areas under which asbestos will be abated and notify the Authority in writing of conditions detrimental to the proper and timely completion of the work.
- B. All materials resulting from demolition work except as specified otherwise shall become the property of the Contractor and shall be disposed of as specified herein.
- C. Pre-clean all areas prior to setting up containment and remove all visible ACBM debris.

3.04 WORK PROCEDURE

- A. Perform asbestos related work in accordance with 29CFR 1926.1101 and as specified herein. Use wet removal procedures. Personnel shall wear and utilize protective clothing and equipment as specified herein. Personnel of other trades not engaged in the removal and demolition of asbestos shall not be exposed at any time to airborne concentrations of asbestos unless all the personnel protection provisions of this specification are complied with by the trade personnel.

3.05 FINAL CLEAN UP OF WORK AREA

- A. Contractor shall employ experienced workers or professional cleaners for final cleaning. Remove all dust, dirt, stains, labels, fingerprints and other foreign materials from exposed to view interior and exterior finished surfaces. Polish surfaces so designated.

END OF SECTION

SECTION 06.20.00 - FINISH CARPENTRY

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 SUMMARY

- A. This Section includes the following:

- 1. Interior trim.

- B. Related Sections include the following:

- 1. Division 9 Section "Painting" for priming and backpriming of finish carpentry.

1.3 DEFINITIONS

- A. Inspection agencies, and the abbreviations used to reference them, include the following:

- 1. NELMA - Northeastern Lumber Manufacturers Association.
- 2. NHLA - National Hardwood Lumber Association.
- 3. NLGA - National Lumber Grades Authority.
- 4. WCLIB - West Coast Lumber Inspection Bureau.
- 5. WWPA - Western Wood Products Association.

1.4 SUBMITTALS

- A. Product Data: For each type of process and factory-fabricated product. Include construction details, material descriptions, dimensions of individual components and profiles, textures, and colors.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Protect materials against weather and contact with damp or wet surfaces. Provide for air circulation within and around stacks and under temporary coverings.
- B. Deliver interior finish carpentry only when environmental conditions meet requirements specified for installation areas. If finish carpentry must be stored in other than installation areas, store only where environmental conditions meet requirements specified for installation areas.

1.6 PROJECT CONDITIONS

- A. Environmental Limitations:** Do not deliver or install interior finish carpentry until building is enclosed and weatherproof, wet work in space is completed and nominally dry.

PART 2 - PRODUCTS

2.1 MATERIALS, GENERAL

- A. Lumber:** DOC PS 20 and applicable grading rules of inspection agencies certified by the American Lumber Standards' Committee Board of Review.
 - 1. Factory mark each piece of lumber with grade stamp of inspection agency indicating grade, species, moisture content at time of surfacing, and mill.**

2.2 INTERIOR TRIM

- A. Lumber Trim for Opaque Finish (Painted):** Finished lumber (S4S), solid lumber, of one of the following species and grades:
 - 1. Grade Premium or 2 Common eastern white pine; NELMA or NLGA.**
 - 2. Grade Premium or 2 Common Idaho white, lodgepole, ponderosa, or sugar pine; NLGA or WWPA.**

2.3 MISCELLANEOUS MATERIALS

- A. Fasteners for Interior Finish Carpentry:** Nails, screws, and other anchoring devices of type, size, material, and finish required for application indicated to provide secure attachment, concealed where possible.

2.4 FABRICATION

- A. Wood Moisture Content:** Comply with requirements of specified inspection agencies and with manufacturer's written recommendations for moisture content of finish carpentry at relative humidity conditions existing during time of fabrication and in installation areas.
- B. Back out or kerf backs of the following members, except members with ends exposed in finished work:**
 - 1. Interior trim, except shoe and crown molds. PART 3 -**

EXECUTION

3.1 EXAMINATION

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

3.2 PREPARATION

- A. Clean substrates of projections and substances detrimental to application.
- B. Before installing finish carpentry, condition materials to average prevailing humidity in installation areas for a minimum of 24 hours.

3.3 INSTALLATION, GENERAL

- A. Do not use materials that are unsound, warped, improperly treated or finished, inadequately seasoned, or too small to fabricate with proper jointing arrangements.
- B. Install finish carpentry level, plumb, true, and aligned with adjacent materials. Use concealed shims where necessary for alignment.
 - 1. Scribe and cut finish carpentry to fit adjoining work. Refinish and seal cuts as recommended by manufacturer.
 - 2. Countersink fasteners, fill surface flush, and sand where face fastening is unavoidable.
 - 3. Install to tolerance of 1/8 inch in 96 inches for level and plumb. Install adjoining finish carpentry with 1/32-inch maximum offset for flush installation and 1/16-inch maximum offset for reveal installation.
 - 4. Coordinate finish carpentry with materials and systems in or adjacent to it. Provide cutouts for mechanical and electrical items that penetrate finish carpentry.

3.4 TRIM INSTALLATION

- A. Install with minimum number of joints practical, using full-length pieces from maximum lengths of lumber available. Do not use pieces less than 24 inches long, except where necessary. Stagger joints in adjacent and related standing and running trim. Cope at returns and miter at corners to produce tight-fitting joints with full-surface contact throughout length of joint. Use scarf joints for end-to-end joints. Plane backs of casings to provide uniform thickness across joints, where necessary for alignment.
 - 1. Match color and grain pattern across joints.
 - 2. Install trim after gypsum board joint finishing operations are completed.
 - 3. Drill pilot holes in hardwood before fastening to prevent splitting. Fasten to prevent movement or warping. Countersink fastener heads on exposed carpentry work and fill holes.

3.5 ADJUSTING

- A. Replace finish carpentry that is damaged or does not comply with requirements. Finish carpentry may be repaired or refinished if work complies with requirements and shows no evidence of repair or refinishing. Adjust joinery for uniform appearance.

3.6 CLEANING

- A. Clean finish carpentry on exposed and semiexposed surfaces. Touch up factory-applied finishes to restore damaged or soiled areas.

END OF SECTION 06.20.00

**SECTION 09 90 00
PAINTING**

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and General Provisions of Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 SCOPE OF WORK: The work under this Section includes the furnishing of all labor, material, equipment, appliances, and tools to perform the work indicated on the Drawings or specified herein. The work shall include, but not be limited to, the following:

- A. Paint all walls and ceiling as indicated on drawings. Spot prime repaired areas and apply one coat to entire wall.
- B. If color or finish is not designated, the Owner will select from standard colors or finishes available.
- C. Painting is not required on pre-finished items, finished metal surfaces, concealed surfaces operating parts, or labels.
 - 1. Labels: Do not paint over Underwriter's Laboratories, Factory Mutual or other code-required labels, or equipment name, identification, performance rating, or nomenclature plates.

1.3 RELATED SECTIONS: The following listed work is included under other Sections:

- A. Section 06 20 00 Finish Carpentry

1.4 SUBMITTALS

- A. Product Data: Submit manufacturer's technical information, label analysis, and application instructions for each paint material proposed for use.

1.5 QUALITY ASSURANCE

- A. **SINGLE SOURCE RESPONSIBILITY:** Provide primers and undercoat paint produced by the same manufacturer as the finish coats.
- B. **COORDINATION OF WORK:** Review Sections in which primers are provided to ensure compatibility of the total systems for various substrates.
- C. **MATERIAL QUALITY:** Provide the manufacturer's best quality trade sale type paint material of the various types specified. Paint material containers not displaying manufacturer's product identification will not be acceptable. Proprietary names used to designate colors or materials are not intended to imply that products named are required or to exclude of equal products of other manufacturers.

1.6 DELIVERYANDSTORAGE

- A. Deliver materials to the job site in manufacturer's original, unopened packages and containers bearing manufacturer's name and label with trade name and manufacturer's instructions.
- B. Store materials not in use in tightly covered containers in a well ventilated area at a minimum ambient temperature of 45 deg. F. (7 deg. C.). Protect from freezing. Keep storage area neat and orderly. Remove oily rags and waste daily.

1.7 PROJECT CONDITIONS: Do not apply paint in snow, rain, fog, or mist, or when the relative humidity exceeds 85 percent, or at temperatures less than 5 degrees F. (3 degrees C.) above the dew point, or to damp or wet surfaces.

1.8 Raw linseed oil, turpentine, benzene, gloss oil, or coal oil shall not be used in any of the materials for painting work.

PART 2 - PRODUCTS

- A. Pratt and Lambert, Inc.
- B. Sherwin-Williams
- C. Benjamin Moore

<u>Surface</u>	<u>Type & Luster</u>	<u>No of Coats</u>	<u>Product</u>	<u>Dry Mill Thicknesses (Per Coat)</u>
B. Interior Gypsum Board	Acrylic Latex		100% Acrylic Multi-Purpose Primer	
	Satin	1	"Interior Latex Wall Paint	1.50

PART 3 - EXECUTION

- 3.1** Examine substrates and conditions under which painting will be performed for compliance with requirements. Do not begin application until unsatisfactory conditions have been corrected.
 - 3.2** **PREPARATION:** Remove hardware and hardware accessories, plates, machined surfaces, lighting fixtures, and items in place that are not to be painted, or provide protection prior to surface preparation and painting. Remove items if necessary for complete painting of the items and adjacent surfaces. Following completion of painting, reinstall items removed using workmen skilled in the trades involved.
 - A.** Clean surfaces before applying paint or surface treatments. Schedule cleaning and painting so dust and other contaminants will not fall on wet, newly painted surfaces.
 - B.** Provide protection for adjacent surfaces as necessary to prevent paint from coming into contact with adjacent materials not scheduled for painting.
 - 3.3** **SURFACE PREPARATION:** Clean and prepare surfaces to be painted in accordance with manufacturer's instructions for each particular substrate condition.
 - 3.4** **MATERIALS PREPARATION:** Mix and prepare paint in accordance with manufacturer's directions.
 - A.** Stir material before application to produce a mixture of uniform density; stir as required during application. Do not stir surface film into material. Remove film and, if necessary, strain before using.
 - B.** Use only thinners approved by manufacturer, and only within recommended limits.
 - 3.5** **APPLICATION:** Apply paint in accordance with manufacturer's directions. Use applicators and techniques best suited for substrate and type of material being applied. Do not paint over dirt, rust, scale, grease, moisture, scuffed surfaces, or conditions detrimental to formation of a durable paint film.
-
- 3.12** **CLEANING**
 - A.** At the end of each work day, remove empty cans, rags, rubbish, and other discarded paint materials from the site.
 - B.** Upon completion of painting, clean glass and paint-spattered surfaces. Remove spattered paint by washing, scraping, or other proper methods, using care not to scratch or damage adjacent finished surfaces.
 - C.** Protect work of other trades, whether to be painted or not, against damage from painting. Correct damage by cleaning, repairing or replacing, and repainting, as acceptable to the Authority.

END OF SECTION 09 90 00

SECTION
08.56.00 VINYL
WINDOWS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Vinyl Replacement Windows.

1.2 RELATED SECTIONS

- A. Section 06.20.00: Finish Carpentry.

1.3 REFERENCES

- A. ANSI/AAMA/NWDA 101/1.S.2; 97 and current A-440-05 – Voluntary Specification for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors with revisions contained in "reprinting" of 12/99.
- B. MMA 101no2- Combined Voluntary Specifications for Pile Weather strip and Replaceable Fenestration Weather seals.
- C. MMA 902 - Voluntary Specification for Sash Balances.
- D. ASTM E 283 - Standard Test Method for Determining the Rate of Air Leakage Through Exterior Windows, Curtain Walls and Doors Under Specified Pressure Differences Across the Specimen.
- E. ASTM E 330 - Standard Test Method for Structural Performance of Exterior Windows, Curtain Walls and Doors by Uniform Static Air Pressure Difference.
- F. ASTM E 547 - Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors and Curtain Walls by Cyclic Static Air Pressure Difference.
- G. ASTM E 1886 - Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials.
- H. ASTM E 1996 - Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors and Impact Protective Systems Impacted by Windborne Debris in Hurricanes.
- I. ASTM E 2190 - Standard Specification for the Classification of the Durability of Sealed Insulating Glass Units.
- J. ASTM F 588 - Standard Test Methods for Measuring the Forced Entry Resistance of Window Assemblies, Excluding Glazing Impact.
- K. NFRC 100/200- Procedure for Determining Fenestration Product U-Factors and Solar Heat Gain.

1.4 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Submit the following documents for each type of window.
 - 1. Manufacturer's technical data, product descriptions and installation guides.
 - 2. Elevation for each style window specified indicating its size, glazing type, muntin type and design.
 - 3. Manufacturer's head, jamb and sill details for each window type specified.
- C. Selection Samples: For each finish product specified, a complete set of Color chips representing manufacturer's full range of available Colors.
- D. Verification Samples: Provide operating units of each style window specified.
 - 1. Verification samples may be operating scaled-down mock-ups of actual-size units.
 - 2. Operating hardware such as balances, sash locks and weather-stripping.
 - 3. Verification samples will be returned to manufacturer's representative at project closeout.
- E. Test Reports: Submit certified independent testing agency reports indicating window units meet or exceed specified performance requirements.

1.5 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Minimum ten (10) years producing vinyl (PVC) windows.
- B. Installer Qualifications: Utilize an installer having demonstrated experience on projects of similar size.
- C. Source Limitations: Obtain window units from one manufacturer through a single source.
- D. Provide window units independently tested and found to be in compliance with ANSI/AAMA/NWDA 101/1.S.2-97 and current A440-05 performance standards listed above.
- E. Code Compliance: Provide windows that are labeled in compliance with the jurisdiction having authority over the project.
- F. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
 - 1. Finish areas designated by Authority.
 - 2. Do not proceed with remaining work until workmanship and color are approved by Authority.
 - 3. Refinish mock-up area as required to produce acceptable work.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Deliver windows to project site in undamaged condition; handle windows to prevent damage to components and to finishes.
- B. Store products in manufacturer's unopened packaging, out of direct sunlight or high temperature locations, until ready for installation.

1.7 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

1.8 WARRANTY

- A. Submit manufacturer's standard warranty against defects in workmanship and materials.
 - 1. Limited Lifetime Limited Transferable warranty on extruded solid vinyl member and component parts. Insulated glass is warranted against material obstruction of transparency resulting from film formation or dust collection on the interior glass surfaces for a period of twenty (20) years. Consult warranty for complete details.
 - 2. The warranty period for commercial project work such as apartments housing authorities and other buildings not used by individual homeowners is 10 years, covering all vinyl, glass and component parts. Consult warranty for complete details.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Harvey Building Products, which is located at: 1400 Main St.; Waltham, MA ; Toll Free Tel: 800-598-5400; Tel: 781-398-7800; Fax: 781-398-7749; Email: [request info \(architects@harveybp.com\)](mailto:request info (architects@harveybp.com)); Web: www.harveybp.com

Acceptable Product: **Harvey Slimline**

Acceptable Add Alternate Product: **Harvey Tribute** (double glazed)

- B. Acceptable alternates: Silverline by Andersen, Simonton 5500 series, or equal.
- C. Substitutions must be submitted to NHA two weeks prior to bid opening

2.2 WINDOWS

- A. Construction:
 - 1. Color: TBD and approved by the owner during submittal's review.
 - 2. Glazing Insulated glass units. Complies with ASTM E 2190. Thermal Performance Minimum Requirements: Energy Star Version 6, Northern region criteria. Tempered Glass: ASTM C1048. – Per plans and applicable local building codes.
 - 3. Weather Stripping: In compliance with **AAMA** 701.2.
 - 4. Screens: Extruded aluminum full screen with 18 x 16 charcoal finished fiberglass mesh.

2.3 WINDOW ACCESSORIES

- A. Mullions:
 - 1. Common Jamb: Windows are contained within single frame and separated by a common mull post.

2.4 HARDWARE

- A. Window Opening Control Device (WOCD):
 - 1. Limit the window's net clear opening to 4" or less when the sash is opened and have a release function allowing the window to fully open.
 - 2. Location & Units: Per plans & window schedule.
 - 3. Quantity: 2 per Double-Hung, 1 per Sliding window, 1 per Casement window.

4. Window manufacturer to supply WOCD for field installation by window installer/GC.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify rough opening size is of sufficient size to receive window unit and complies with manufacturer's requirements for opening clearances.
- B. Verify that sill plate is level.
- C. Notify Authority of unacceptable conditions before proceeding with installation.

3.2 INSTALLATION

- A. Install window unit in accordance with manufacturer's printed instructions.
- B. Apply Polyurethane Caulk sealant around perimeter of window unit to completely fill any gaps between the window unit and the surfaces of the existing Masonry Opening.
- C. Install window unit level and plumb. Center window unit in opening and secure window unit by nailing through nail fin and screw through jambs as indicated in manufacturer's instructions.
- D. Insulate between window frame and rough opening with insulation.
- E. Flash window in accordance with AAMA's Standard Practice recommendations for Masonry Opening.

3.3 ADJUSTING

- A. Adjust units for smooth operation without binding or racking.
- B. Adjust sash locks and screens for smooth operation.

3.4 CLEANING

- A. Clean soiled surfaces and glass prior to substantial completion.

3.5 PROTECTION

- A. Protect window unit from damage until substantial completion. Repairer replace damaged units.

END OF SECTION

1)

2) Contractor shall be responsible for checking and coordinating all

3) in any case of conflict between the drawings and the project

5) Work not indicated on a part of the drawings but reasonably implied to

6) All work shall comply with applicable codes as well as local laws and

7) General contractor shall coordinate locations of overhead pile bays

8) The structural design of the building is based on the full interaction of all

9) Contractor shall not scale drawings. Contractor shall request all

10) Means and methods of construction as well as compliance with NEHA

- All items that are to be temporarily removed and reinstalled are to be

1) **Protect a**

entrances shall be maintained clear, clean and safe. Provide overhead

3) Contractor shall not obstruct traffic on adjacent public roadways as well

2) The area of exterior/interior finish affected by the demolition work should

1) All dimensions V

2) Contractor shall provide all overhead protection at all building entrances

3) Contractor shall provide all temporary barricades to prevent pedestrians

4) Remo one window and advise with architect regarding sub-surface

Use backer rod and sealant to fill the gap. Where necessary, use finish

AD 0 COVER SHEET

A12 ELEVATIONS BUILDING 2

A1.4 WINDOW TYPES

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NHA Job No. WYWR20170825

WVman Str

NIJ/AT

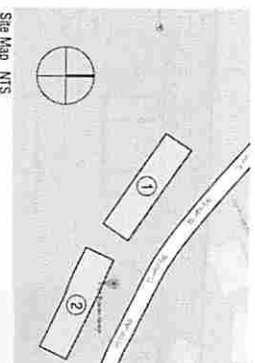
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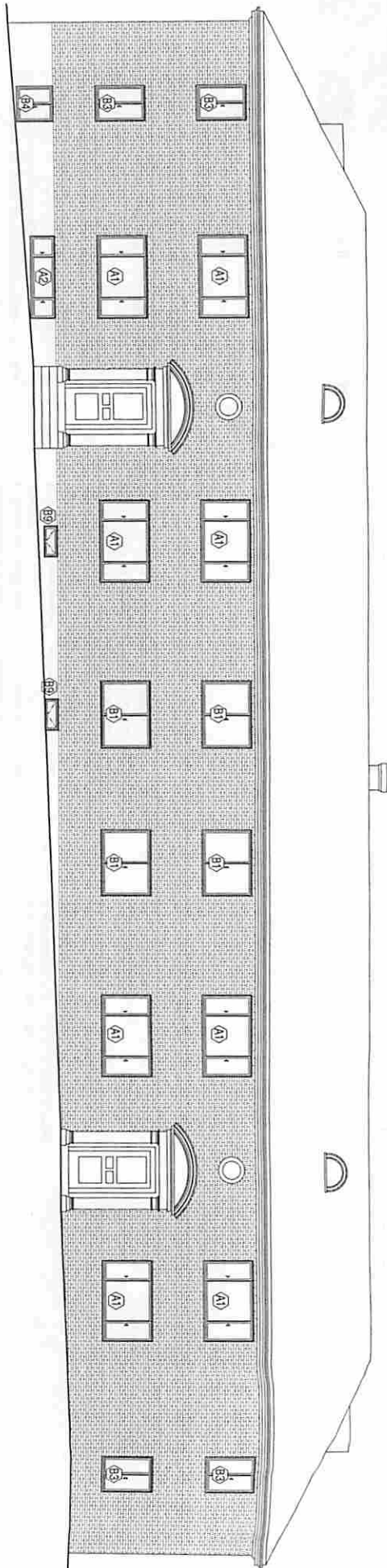
MICHAEL

1 Holden Street, Suite 3

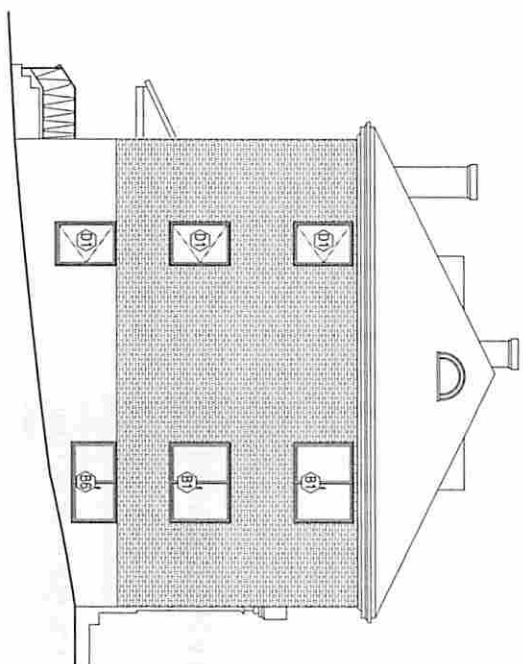
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REVISIONS	#	DATE	DESCRIPTION

A0.0





1 FRONT ELEVATION
 $1/4" = 1'-0"$



2 LEFT ELEVATION
 $1/4" = 1'-0"$

NEWTON HOUSING AUTHORITY

NHA Job No.

WYWR20170825



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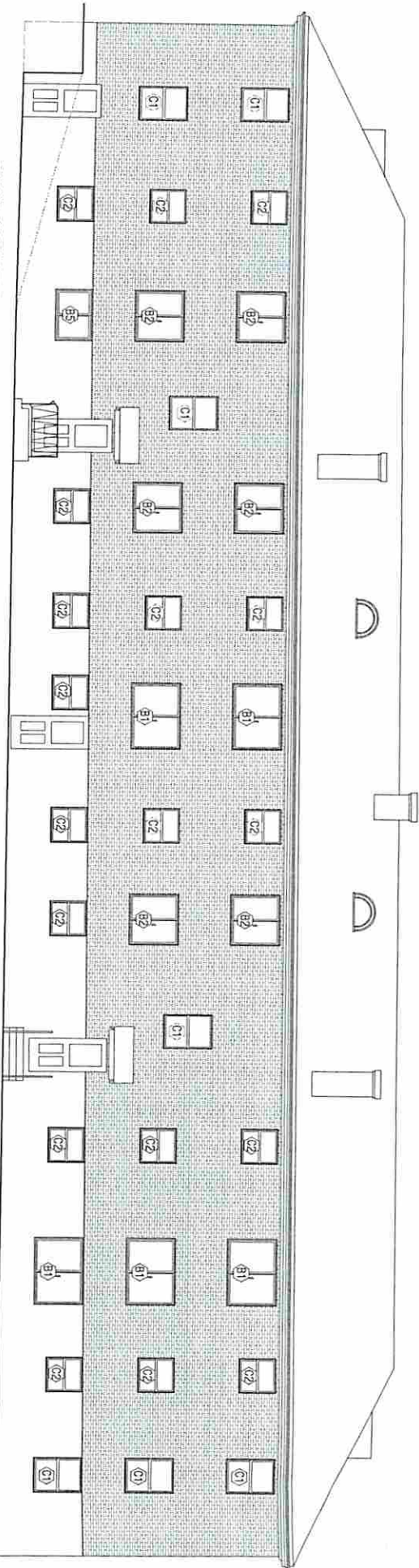
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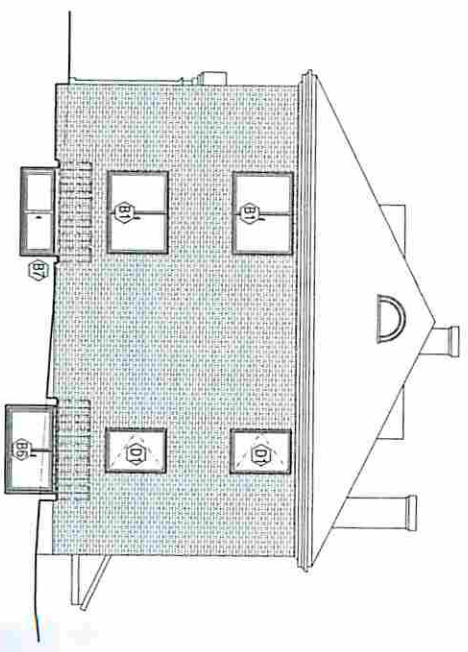
ELEVATIONS BUILDING 1

BID SET

A1.0



1 REAR ELEVATION
1/4" = 1'-0"



2 RIGHT ELEVATION
1/4" = 1'-0"

NEWTON HOUSING AUTHORITY
NHA Job No.
WYWR20170825



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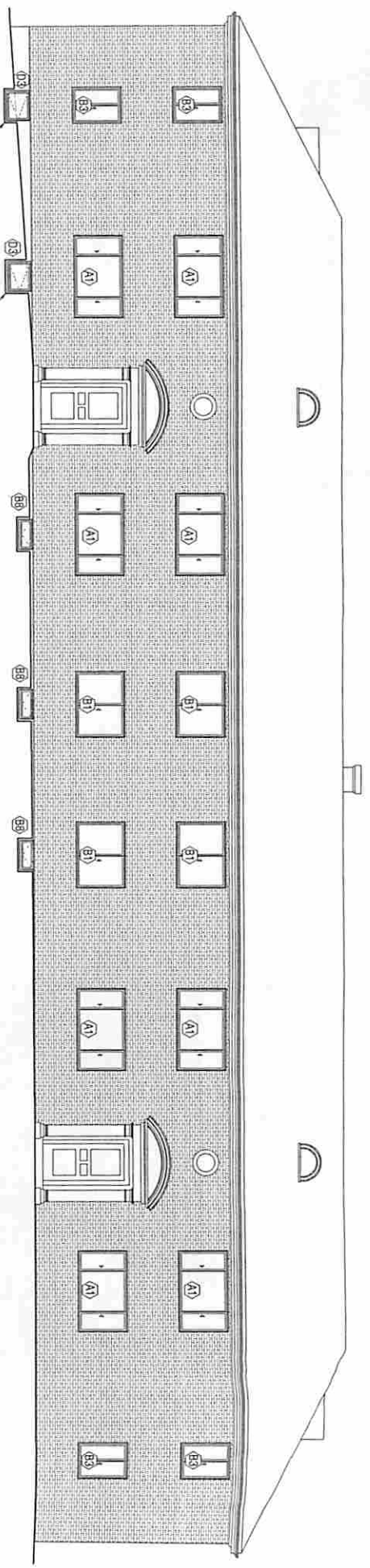
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ELEVATIONS BUILDING 1
BID SET

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1/4" = 1'-0"

FRONT ELEVATION

ADJUST WINDOW WELL SIZE AS NECESSARY TO ENSURE FULL FUNCTIONALITY OF THE WINDOW

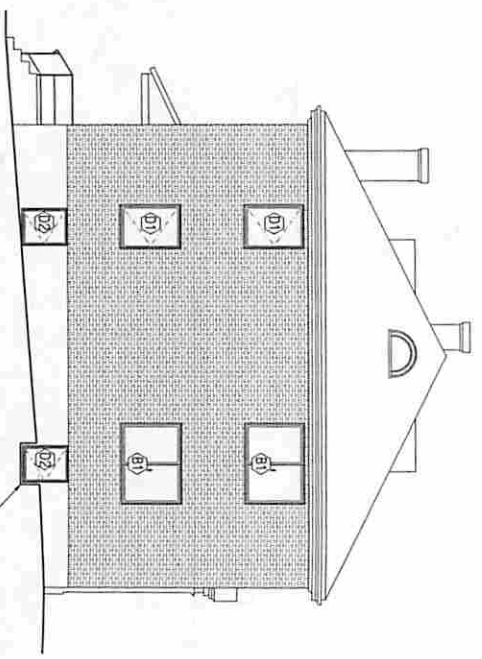
ADJUST WINDOW WELL SIZE AS NECESSARY TO ENSURE FULL FUNCTIONALITY OF THE WINDOW



2
1/4" = 1'-0"

LEFT ELEVATION

ADJUST WINDOW WELL SIZE AS NECESSARY TO ENSURE FULL FUNCTIONALITY OF THE WINDOW



NEWTON HOUSING AUTHORITY

NHA Job No.

WYWR20170825



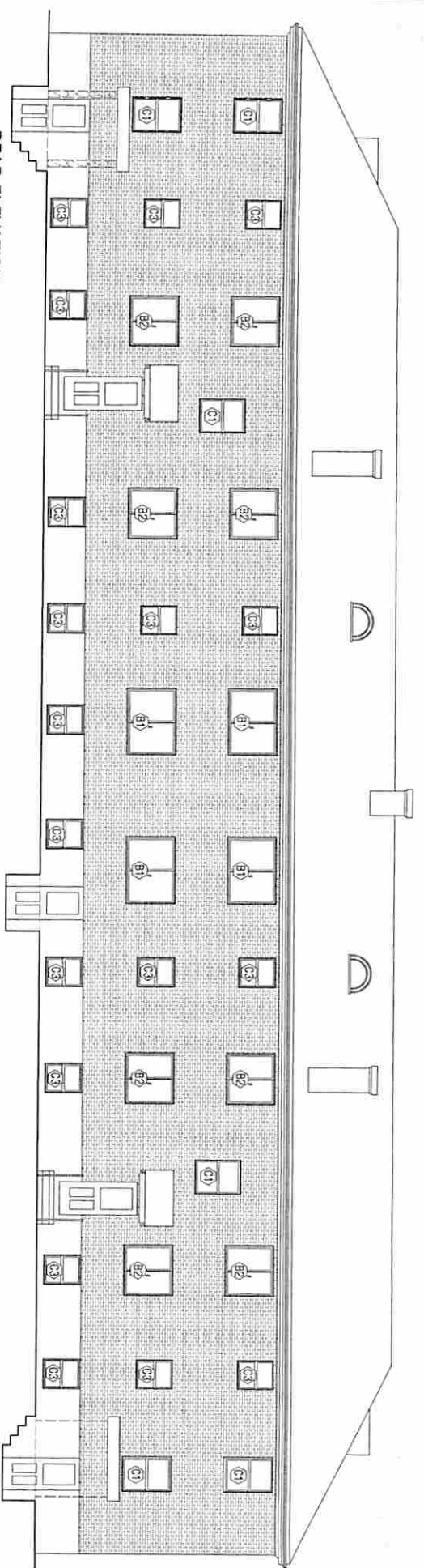
Michael Kim | DESIGNER
150 Salem Street, Boston, MA 02114
Tel: 617.294.1925
m.kim@kimkim.com

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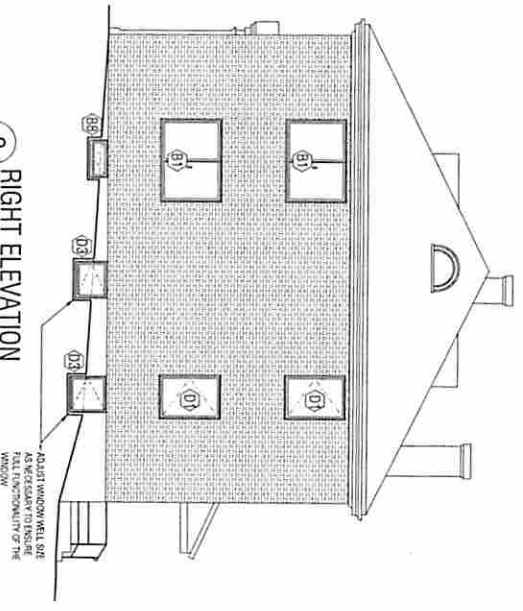
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ELEVATIONS BUILDING 2
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A1.2

1 REAR ELEVATION
1/4" = 1'-0"



2 RIGHT ELEVATION
1/4" = 1'-0"



NEWTON HOUSING AUTHORITY
NHA Job No.
WYWR20170825



Michael Kim | Architect
1 Hedge Street 2d, Boston, MA 02144 | 617.798.6925
mike@kimandkim.com | www.kimandkim.com

#	DATE	DESCRIPTION

Date Issued August 29, 2017
Drawing Scale AS NOTED
ELEVATIONS BUILDING 2
BID SET

A1.3

WINDOW SCHEDULE

TAG:	MANUFACTURER:	TYPE:	MASONRY OPENING (W x H):	QTY:	NOTES:
A1	HARVEY	SLIDING AND FIXED	7'-1 1/2" x 4'-3"	16	CHILDPROOF
A2	HARVEY	SLIDING AND FIXED	7'-1 1/2" x 2'-1 1/2"	1	
B1	HARVEY	SLIDING	5'-9" x 4'-3"	25	EGRESS, CHILDPROOF
B2	HARVEY	SLIDING	4'-5" x 4'-3"	14	CHILDPROOF
B3	HARVEY	SLIDING	3'-1" x 4'-3"	8	CHILDPROOF
B4	HARVEY	SLIDING	3'-1" x 3'-2"	1	
B5	HARVEY	SLIDING	4'-5" x 3'-2"	1	
B6	HARVEY	SLIDING	5'-9 1/2" x 3'-2"	2	EGRESS
B7	HARVEY	SLIDING	5'-10" x 2'-2 1/2"	1	EGRESS
B8	HARVEY	HOPPER	2'-7" x 1'-3"	4	
B9	HARVEY	HOPPER	2'-9 1/2" x 1'-2"	2	
C1	HARVEY	DOUBLE HUNG	3'-1" x 4'-3"	13	CHILDPROOF
C2	HARVEY	DOUBLE HUNG	3'-9 1/2" x 3'-2"	18	CHILDPROOF
C3	HARVEY	DOUBLE HUNG	2'-7" x 3'-2"	18	CHILDPROOF
D1	HARVEY	CASEMENT	3'-1" x 4'-3"	9	EGRESS, CHILDPROOF
D2	HARVEY	CASEMENT	2'-7" x 3'-2"	2	EGRESS
D3	HARVEY	CASEMENT	2'-7" x 2'-2 1/2"	4	EGRESS

NOTES:
 - All windows marked "CHILDPROOF" to be equipped with child proof hardware
 - All windows marked "EGRESS" to be equipped with child proof hardware that can be overridden in case of emergency
 - All windows marked "EGRESS" to provide a min. 24" high, min. 20" wide, min. 5.7 sq. ft. clear area emergency escape and rescue opening located not more than 44" high from the floor. In locations where full compliance with current code requirements is not possible, maintain largest clear opening possible (conforms to IEBC Alterations Level 2).
 - Color of vinyl window frames TBD and approved by the owner during submittal review process

IMPORTANT:

- All dimensions indicated are Masonry Opening sizes.
- Contractor responsible for verifying in field all window measurements and counts.
- All bathroom windows to have tempered glass
- All stairwell windows to have tempered glass



NEWTON HOUSING AUTHORITY
 NHA Job No.
 WYWR20170825



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 pmk@kimassociates.com 617.222.8295

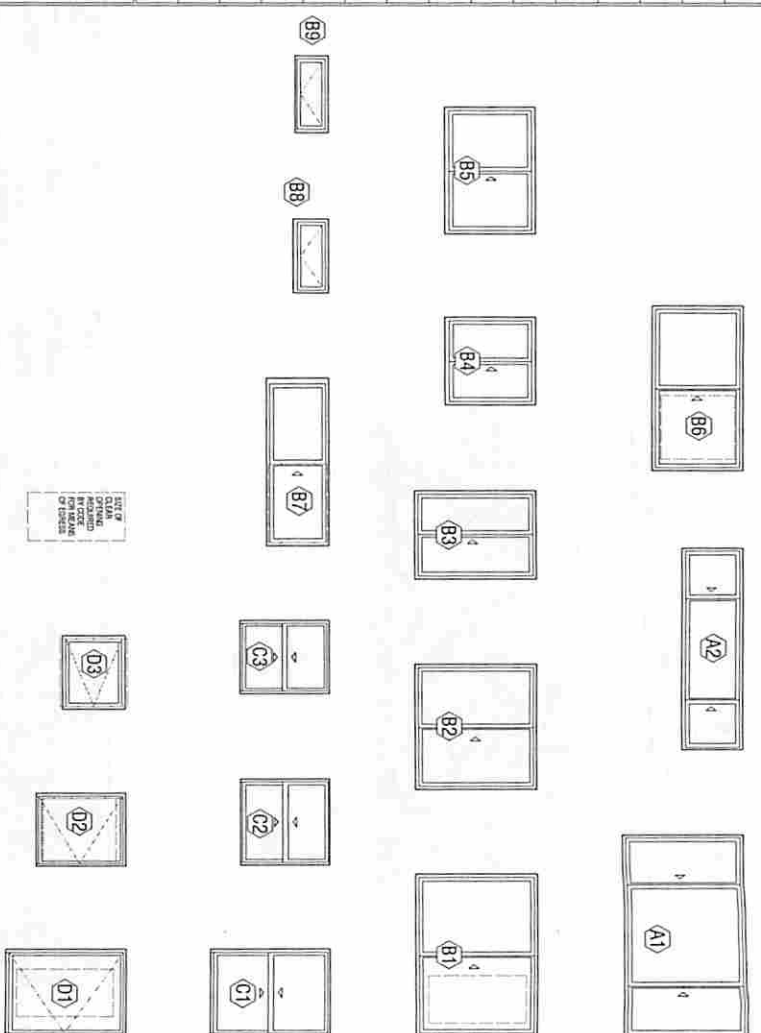
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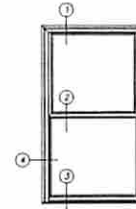
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WINDOW TYPES
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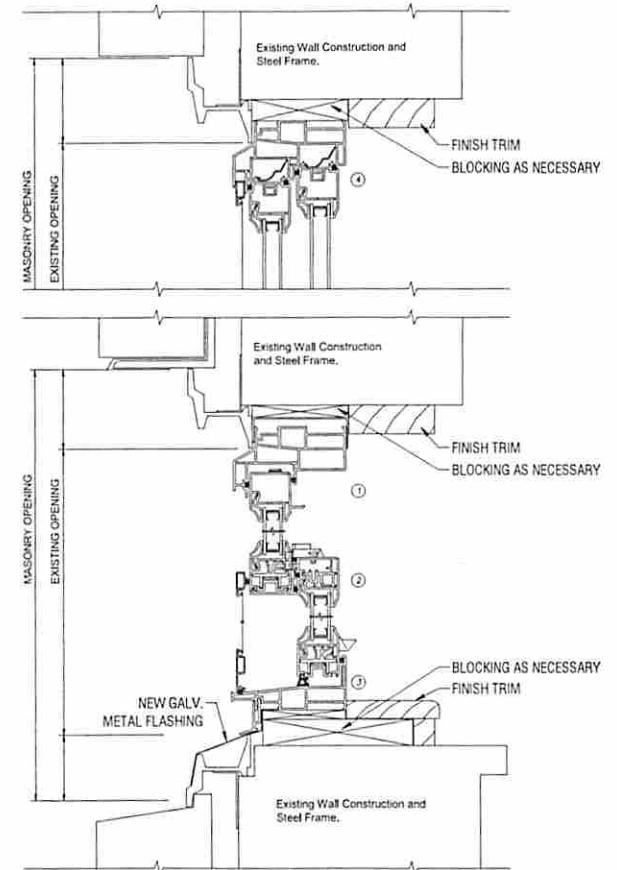
A1.4

1 WINDOW TYPES
 1/2" = 1'-0"





Existing masonry opening conditions are estimated, as shown. Actual conditions may vary. contractor to V.I.F.



1 DOUBLE HUNG WINDOW INSTALLATION DETAIL



1 Holden Street #3, Brooklyn, MA 02445 T 617.739.6525
mike@mkarchitecture.com www.mkarchitecture.com

A1.5

BIDDER'S CHECKLIST

THIS CHECK LIST IS NOT PART OF THE FORM FOR BID! THIS FORM DOES NOT HAVE TO BE SUBMITTED WITH A BID!

To ensure that your bids are acceptable to the awarding authority and DHCD, and are not rejected due to mistakes, we are providing this Checklist for your convenience. It does not have to be included with a bid. If this checklist is submitted it is an informality that will not void the bid.

ALL BIDDERS

- ☐ 1. Have you used the appropriate bid form provided for this specific development?
- ☐ 2. Have you properly identified the development, architect (engineer), etc., on your bid form?
- ☐ 3. Do your bid amounts, as expressed in figures and words, coincide? The amount expressed in words shall control.
- ☐ 4. Have you added any information not called for, or acknowledged an addendum or alternate that does not exist, which would make your bid conditional or obscure, and lead to a bid protest?
- ☐ 5. Is your Bid Form SIGNED and dated?
- ☐ 6. Bid Deposits
 - ☐ a. Is your bid deposit, if in the form of a bid bond, issued from a bonding company licensed to do business in the Commonwealth of Massachusetts? Bid deposits in the form of cash, certified check, treasure or cashier's checks are also acceptable forms of bid deposit. The bid deposit must be submitted to the housing authority at or before the time of bidding.
 - ☐ b. Is it signed by you and the bonding company?
 - ☐ c. Is your bid deposit made payable to the Housing Authority? Bid deposits made payable to the city, town, commonwealth, or architect will cause the bid to be rejected.
 - ☐ d. Is your bid deposit at least five (5%) of the largest possible bid amount, considering all alternates? Passbooks, Letters of Credit, and Deeds to Property are not acceptable as a bid deposit.
- ☐ 7. Have you acknowledged every alternate if applicable to this project?
- ☐ 8. If an ALTERNATE price is requested and you estimate that there is no change in price, did you indicate by writing "no change", "N/C" or "0"?

Leaving this space blank, on your general bid form, when alternates are requested, may lead to rejection of your bid.

- ☐ 9. Have you acknowledged all addenda issued, and followed the instructions contained therein?

This checklist is provided as guidance and assistance to bidders to avoid technical mistakes resulting in rejection of a bid. The full comprehensive instructions are located in section 00.21.50 Instructions to Bidders.

This in no way changes, affects, or supersedes the provisions set-forth in M.G.L. c.149 §44A-J or c.30 §39M or any other sections or provisions contained in the contract documents.

THIS FORM DOES NOT HAVE TO BE SUBMITTED WITH A BID!