

**INVITATION FOR BIDS  
TOWN OF BOXBOROUGH  
LEVI WETHERBEE FARMHOUSE  
LIFTING & SHORING**

The Town of Boxborough, through its Chief Procurement Officer, is soliciting sealed bids from qualified contractors for the shoring and bracing of a 28'x34', 2 ½ story wood framed house (c. 1784), located at 484 Middle Road, with central chimney structures, to safeguard against collapse while restoration plans are being developed. Shoring must be placed so as to allow a new foundation to be placed under the house.

Bid specifications may be obtained at the Boxborough Police Station, located at 520 Massachusetts Avenue, Boxborough, MA from 8:00 AM – 4:00 PM, Monday through Friday, or from the town's website: [www.boxborough-ma.gov](http://www.boxborough-ma.gov), commencing July 31, 2014.

Bidders downloading information from the town's website are solely responsible for obtaining any addenda prior to the bid opening. The bid packet will list notification requirements.

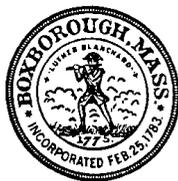
All bids, accompanied by a 5% bid bond or deposit, shall be submitted to the Chief Procurement Officer, Boxborough Town Hall, 29 Middle Road, Boxborough, MA 01719 in a sealed envelope clearly marked "Sealed Bids – Levi Wetherbee Farmhouse Shoring" by 10 AM on August 15, 2014 at which time bids will be publicly opened and read. All bids shall have the name of the bidder clearly marked on the outside of the bid envelope. Bids shall be considered only from firms who are licensed to perform said services in the Commonwealth of Massachusetts. Bids shall not be accepted by fax or e-mail.

Bidders are strongly recommended to attend a pre-bid conference starting at the Town Hall at 10:00 AM on August 6, 2014.

This contract is subject to the schedule of prevailing wage rates as determined by the Department of Labor and Industries as specified in MGL c149, §§26-27 inclusive. Certification of OSHA training, as well as work in harmony, non-collusion and tax compliance are also required.

The Town of Boxborough reserves the right to reject any or all bids that it deems are not in the best interest of the Town, amend the specifications after giving notice to all known bidders or cancel the procurement. The Town will not accept late bids due to any type of mail or courier delay.

Per Order  
Selina Shaw, MCPPO  
Town Administrator



**Town of Boxborough**  
**29 Middle Road, Boxborough, MA 01719**  
**Levi Wetherbee Farmhouse**  
**Lifting & Shoring**  
**Invitation for Bids**

**I. GENERAL INFORMATION AND BID SUBMISSION REQUIREMENTS**

Pursuant to MGL Chapter 30, sec. 39M, the Town of Boxborough through its Chief Procurement Officer is soliciting sealed bids from qualified contractors for the shoring and bracing of a 28' x 34', 2 ½ story wood framed house (c. 1784), with central chimney structures, to safeguard against collapse while restoration plans are being developed. The Levi Wetherbee farmhouse is located on the town-owned Steele Farm property at 484 Middle Road. The shoring must be placed so as to allow a new foundation to be placed under the house.

Work on the project shall be completed no later than October 31, 2014.

**Bid Submission.** All bids shall be returned to the Chief Procurement Officer, Boxborough Town Hall, 29 Middle Road, Boxborough, MA 01719 in a sealed envelope clearly marked "Sealed Bids – Levi Wetherbee Farmhouse Shoring" by 10 AM on August 15, 2014 at which time bids will be publicly opened and read. All bids shall have the name of the bidder clearly marked on the outside of the bid envelope. Bids shall be considered only from firms who are licensed to perform said services in the Commonwealth of Massachusetts. Bids shall not be accepted by fax or e-mail.

Bids, submitted in duplicate, shall be accompanied by *Certificate of Good Faith, Certification as to Tax Compliance, OSHA Training Certification, Labor Harmony Certification*, all of which shall be signed by a duly authorized officer of the bidder's company, on forms which have been included in the bid packet.

Bidder shall include a layout drawing depicting the proposed structure supports, cribbing and jacking required for the shoring of the house and chimney. Additionally, bidder shall provide a brief description of the construction sequence to carry out the scope of work in Section III of this IFB.

The bid shall be signed as follows: 1) if the bidder is an individual, by her/him personally; 2) if the bidder is a partnership, by the name of the partnership, followed by the signature of each general partner; and 3) if the bidder is a corporation, by the authorized officer, whose signature must be attested to by the Clerk/Secretary of the corporation and the corporate seal affixed.

**Downloading of bid documents.** Bidders downloading information from the Town's website are solely responsible for obtaining any addenda prior to the bid opening. If Bidder notifies Selina Shaw, Town Administrator by e-mail to [sshaw@boxborough-ma.gov](mailto:sshaw@boxborough-ma.gov) (preferred), by phone to 978-264-1712, or by fax to 978-264-3127, the bidder will be placed on the bidder's list and will be informed of any changes or items of clarification to this bid. Bidder shall provide the Town Administrator with the name of the company, street address, city, state, zip, phone fax and e-mail address.

**Forms.** Bidder shall use the Town of Boxborough's bid forms, letterhead, or plain paper only. Bid forms that contain any other terms and conditions other than those specified herein will not be accepted by the Town.

**Addenda.** If it becomes necessary to revise any part of the Invitation for Bid, or otherwise provide additional information, addenda will be mailed or faxed to all bidders on record as having picked up the Invitation for Bid.

**Questions.** Requests for approved equal status, clarification of specifications and protests of specifications must be made in writing to the Town Administrator at the address listed and resolved prior to bid opening.

Questions may be delivered or mailed to Selina Shaw, Town Administrator, 29 Middle Road, Boxborough, MA 01719, faxed to 978-264-3127 or sent electronically to sshaw@boxborough-ma.gov no later than August 11, 2014. E-mail is preferred. Written responses will be e-mailed or faxed to all bidders on record as having picked up the Invitation for Bid.

**Pre-bid Site Visit.** Bidders are strongly recommended to attend a pre-bid conference and site visit starting at the Town Hall, 29 Middle Road, Boxborough, MA at 10AM on August 6, 2014. This is a meeting to ensure the bidder has on-site knowledge and understanding of the scope of work and existing conditions.

**Bid Modifications.** Bidder may correct, modify, or withdraw a bid by written notice addressed to the Town Administrator/Chief Procurement Officer at the aforementioned address, prior to the time and date set for the bid opening. Bid modifications shall be submitted in a sealed envelope clearly labeled "Modification No. \_\_\_\_." Each modification must be numbered in sequence, and must reference the original Invitation for Bid.

After the bid opening, a bidder shall not change any provision of the bid in a manner prejudicial to the interests of the Town or fair competition. Minor informalities may be waived or the bidder will be allowed to correct them. If a mistake and the intended bid are clearly evident on the face of the bid document, the mistake will be corrected to reflect the intended correct bid, and the bidder will be notified in writing; the bidder shall not withdraw the bid. A bidder may withdraw a bid if a mistake is clearly evident on the face of the bid document, but the intended correct bid is not similarly evident.

**Right to Cancel or Reject.** The Town of Boxborough reserves the right to cancel this Invitation for Bid or reject in whole or in part any and all bids, if the Town determines that cancellation or rejection serves the best interests of the Town.

**Unexpected Closures.** If, at the time of the scheduled bid opening, Town Hall is closed due to uncontrolled events such as fire, weather-related, or building evacuation, the bid opening will be postponed until noon on the next normal business day. Bids will be accepted until that date and time.

**Bonds.** A 5% bid deposit in the form of a bid bond, cash, or certified, treasurer's or cashier's check payable to "Town of Boxborough" shall be included with the bid.

The successful bidder shall be required to post a payment bond, in the amount of 50% of the contract price, within ten days from the date of notification of the contract award. This payment bond shall be in the form of surety issued by an insurance company licensed by the State Division of Insurance. This payment bond is mandatory on all construction projects for all political subdivisions and ensures payment of all workers and vendors used for the contract.

Simultaneously with the delivery of the executed contract, the successful bidder shall also be required to post a performance bond in the amount of 100% of the contract price as security for the faithful performance of this Contract.

The form of the Performance and Payment Bond(s) is provided in the bid packet.

**Compliance with Laws.** Contractors shall comply with all federal, state, and local building codes, ordinances, rules, and regulations of all kinds, sound construction standards, program requirements and all other applicable governmental regulations and laws and shall be properly licensed pursuant to the Building Code.

**Prevailing Wage.** All work performed under this bid contract is subject to the schedule of prevailing wage rates as determined by the Department of Labor and Industries as specified in MGL c149, §§26-27H inclusive.

The contractor shall keep payroll records for three years from the date of completion of the contract. In addition, the Department of Labor requires all contractors to file weekly payroll records with the awarding authority for all employees working on the project. The contractor shall file a statement of compliance with the Department of Labor within 15 days of the completion of each project under this contract.

## II. MINIMUM REQUIREMENTS

A "No" response or failure to respond to any of the following will result in the rejection of your bid.

Indicate with a check mark in the appropriate space your compliance with each requirement.

Bidder has complied with all Bid Submission Requirements listed in Section I and shall provide all of the services described in Section III: Scope of Work.

Yes \_\_\_\_\_ No \_\_\_\_\_

Bidder must have a minimum of five (5) years of satisfactory performance under at least seven (7) different lifting/shoring contracts.

Yes \_\_\_\_\_ No \_\_\_\_\_

Bidder shall provide evidence of current Massachusetts Construction Supervisor.

Yes \_\_\_\_\_ No \_\_\_\_\_

## III. SCOPE OF WORK

### A. General

- The Contractor shall furnish all labor, services, materials, equipment, machinery, apparatus, appliances, tools and supplies necessary for the lifting and shoring of the Levi Wetherbee House at Steele Farm, located at 484 Middle Road, Boxborough. The Levi Wetherbee farmhouse was built in 1784 and is part of the town owned Steele Farm property. It is a 28'x 34', 2 ½ story wood framed house that sits on a fieldstone foundation with an additional three-sided foundation that supports a central chimney structure. This chimney has double fireplaces on two floors topped by a chimney riser that extends up through the roof's ridge. In the basement, the double-sided fireplace and chimney stops just below the first floor framing. The chimney system sets upon soil that is held in place by the aforesaid, three sided fieldstone retaining wall. The foundation also supports some of the first floor framing and post & beam framing of the other floors above. The scope of this project includes shoring and bracing the entire house and chimney structures to safeguard against collapse while restoration plans are developed. The shoring shall be placed so as to allow a new foundation to be placed under the house.
- Violation by the Contractor of any of the various provisions and specifications of the contract could result in immediate termination of the contract and seizure of all or a portion of the performance bond by the Town of Boxborough.
- The project must be substantially completed by October 31, 2014.

### B. Hours and Conditions of Work

- Work shall be carried out only between the hours of 7:00 A.M. and 6:00 P.M., Monday through Friday, and on Saturdays by mutual agreement. Work shall be prohibited on Sundays and holidays.
- Work shall be carried out in such a fashion so as to assure that access to, and normal operation of, the Steele Farm parking area and trails are not impacted. When work is being carried out near the parking area, the area shall be barricaded off, subject to the discretion and approval of the Inspector of Buildings or his representative.
- Work shall be suspended when, in the opinion of the Inspector of Buildings, weather conditions might interfere with the proper completion of the project (e.g. heavy rain, high winds, etc.).

- All scheduling issues are to be coordinated with the Inspector of Buildings.
- Once commenced, the project shall be pursued to its completion, with a crew on site every normal work day that conditions permit outside work.

### C. Process

- **General**

The 1784 Levi Wetherbee House is a post and beam wood frame structure built around a central fireplace. Contractor shall give particular attention to adequately support and safely lift the house and chimney off its fieldstone foundation. Statements in Section C as to specific materials and methods are advisory. Contractor shall complete scope of work with materials that are adequate to shore and brace the entire house and chimney structures to safeguard against collapse while restoration plans are developed. (As specified under Bid Submission Requirements, Bidder shall include a layout drawing depicting the proposed structure supports, cribbing and jacking required for the shoring of the house and chimney, as well as provide a brief description of the construction sequence to carry out the scope of work).

- **Heavy Steel**

Contractor shall insert (4) 14” (W14) heavy steel beams that will run the 28’ width direction of the house. One each of the two end beams will be just outside of the exterior end wall foundation and one each of the other two will be on either side of the chimney foundation walls inside of the basement. All four beams shall be as close as possible to the respective walls and shall extend 8-10 feet beyond the house, front and back.

- **Needle Beams**

Contractor shall install smaller beams perpendicular to the W14s. The W14 beams may be either under the needle beams or supporting them from the bottom flange of the W14s.

- **Chimney Support**

Contractor shall investigate the chimney and its “base configuration and foundation” to determine the correct number of needle beams under the chimney and house framing to safely lift it. These needle beams shall be carried by the 2 inner W14 beams. Considerable wood blocking will need to be installed between the needle beams and the existing floor framing so that the framing does not come apart before the renovation work starts.

- **Gable Wall Support**

Contractor shall install needle beams from the inner W14 beams to the other W14 beams to provide support for the two gable end walls. Those also may stay down on the bottom flanges of the W14 or sit up on top of them. Needle beams shall be placed inside and outside the long exterior walls (front and rear of house) to support their sills. Wood blocking will be required for adequate support.

- **Jacking and Grillage**

Once all beams are positioned and blocking is in place, the building shall be evenly jacked up free of its foundation. Grillages measuring 4’x4’ or larger shall be constructed of steel on wood beams to support each end of the W14 beams.

- **Inspection**

All work shall be inspected and approved by the Inspector of Buildings and/or his agent. Any variation in lifting or shoring methods due to field conditions on Contractors presence must be submitted in writing and approved by the Inspector of Buildings and/or his agent.

### D. Job Conditions

- Contractor shall provide a storage trailer/work area on site for storage of all materials.

- Contractor shall provide a covered dumpster for all refuse, rubbish, debris. Contractor shall properly dispose of these materials at Contractor's expense at an approved facility.
- Contractor shall maintain the site in a clean and safe condition for the duration of the work and shall provide all necessary barriers to ensure safe conditions. All pedestrian areas shall be well protected and maintained accessible at all times.
- The site of the work and the adjacent areas affected shall at all times present a neat, orderly and workmanlike appearance.
- Contractor shall protect paving, parked vehicles, and passersby from accidental injury or damage caused by moving work vehicles, movement and placement of steel beams or similar event.
- All materials, equipment, machinery, apparatus, appliances, tools and supplies used on the job shall be properly secured when not in use. The job site shall be secured at the end of each workday.
- Contractor shall take particular care to protect the windows, doors and siding of the house from damage.
- There shall be no smoking anywhere on site at anytime.

#### **E. Miscellaneous Carpentry**

- Contractor shall closely inspect the condition of the wood framing and masonry portions of the building for signs of needed repair. Contractor shall report on the damaged areas and review with the Inspector of Buildings, who shall approve repairs prior to commencement of work.

#### **F. Workmanship**

- Contractor shall perform all work with skilled personnel under adequate supervision.
- Punch List: Before release of final payment, a punch list, created by the Inspector of Buildings or his agent, shall be completed by the Contractor and signed off by the Inspector of Buildings or his agent.

#### **G. Quality Assurance**

Contractor shall be properly licensed pursuant to the Massachusetts Building Code and shall provide sufficiently qualified workmen and supervisors who shall present at all times during execution of their part of the work. All workmen shall be thoroughly familiar with the type of project and specified materials and techniques. No allowances shall be made in accepting or rejecting work for lack of proper supervision or workmen's lack of skill.

#### **H. Quality Requirements**

In the event that the work performed under this contract fails to conform strictly to the standard specifications of the bid, the Town may, at its election, at any time thereafter, terminate its contract without waiving any of its rights and remedies against the Contractor. The Contractor shall be liable to the Town for reimbursement for any amount that the Town may be required to pay to another person or organization for such materials during the remainder of the period covered by the contract, over and above the amount that would have been paid to the contractor during the balance of said term.

#### **I. Warranty**

Contractor shall provide a written warranty for all materials and labor for a period of three (3) years from the date of completion.

#### **IV. REFERENCES**

Bidders shall submit, on the reference forms included in the bid packet, a complete list of **all** ongoing lifting and shoring projects as well as all of those performed in the past five (5) years, including contact names, phone and fax numbers, and addresses.

#### **V. RULE FOR AWARD**

##### **Contract Award**

The Town will award the contract to the lowest responsible and eligible bidder within thirty (30) days after the bid opening unless the time for award is extended by mutual consent of the parties. The successful bidder(s) shall execute an agreement in accordance with the terms of this IFB within 10 business days after the mailing to him of notice that the bid has been accepted and that the aforesaid agreement is ready for signature. Successful bidder(s) shall provide the Town with sufficient proof that he is able to perform in a timely manner and that he is sufficiently able to supply the labor and materials.

##### **Pricing**

All bid prices submitted in response to this IFB shall remain firm for ninety (90) days following the bid opening.

##### **Contract Term**

The contract will run from the date of the contract execution until December 31, 2014. The parties to the contract shall be the Town Administrator/Chief Procurement Officer for the Town and the authorized agent of the contractor. The contractor shall provide liability and other coverage as specified later in this Invitation for Bid. The Town may terminate the contract if the Contractor refuses to comply with the terms and conditions of the Bid Specifications. The Town prohibits any activity that would constitute a violation of the conflict of interest statute (MGL c. 268A). The Town prohibits the assignment of any interest in the contract.

#### **VI. BID PRICING SHEET**

Bid shall be submitted on the Bid Form furnished by the Town. 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.

#### **VII. CERTIFICATE OF GOOD FAITH, CERTIFICATION AS TO TAX COMPLIANCE, OSHA TRAINING CERTIFICATION AND LABOR HARMONY CERTIFICATION**

Bidder shall complete and sign the above-referenced certifications on the forms included in the bid packets.

#### **VIII. ADDITIONAL TERMS AND CONDITIONS**

**Equal Employment Opportunity.** The contractor shall comply with all applicable Equal Employment opportunity laws and regulations.

**Ineligible Contractors.** The contractor shall certify that the company is not on the Commonwealth of Massachusetts Comptroller's General List of Ineligible Contractors.

**Insurance and Indemnification.** The contractor shall provide liability and other coverage as required by law and shall meet the minimum requirements as specified:

- A commercial general liability insurance policy with the following limits of coverage: Bodily injury and property damage, one million dollars (\$1,000,000) each occurrence, three million dollars (\$3,000,000.) annual aggregate, to

include Products/Completed Operations Liability. The Town of Boxborough shall be named as Additional Insured on a primary and non-contributory basis including completed operations.

- A comprehensive automobile insurance policy with a combined single limit, bodily injury and property damage of at least five hundred thousand dollars (\$500,000) to include Liability coverage for all owned, non-owned and hired vehicles. The Town of Boxborough shall be named as Additional Insured on a primary and non-contributory basis including completed operations.
- An Umbrella or Excess Liability coverage in the amount of at least one million dollars (\$1,000,000) per occurrence, one million dollars (\$1,000,000) aggregate. The Town of Boxborough shall be named as Additional Insured on a primary and non-contributory basis including completed operations.
- Workers' Compensation Insurance as required by the then current laws of the Commonwealth of Massachusetts and Employer's Liability Insurance with limits of five hundred thousand dollars (\$500,000)/ five hundred thousand dollars (\$500,000)/ five hundred thousand dollars (\$500,000).

The Contractor shall be solely responsible for any and all material and equipment furnished during execution of the contract and until such time as it is completed to the satisfaction of the Town. The Contractor shall provide certificates of insurance to the Town prior to the award of the contract. Certificates shall indicate that the Town shall be notified of cancellation or restrictive amendment at least 30 days prior to the effective date of such cancellation or amendment.

**LEVI WETHERBEE FARMHOUSE  
LIFTING & SHORING  
INVITATION FOR BIDS**

**ADDITIONAL INFORMATION**

IF A CORPORATION, this bidder is duly organized and existing under the laws of the State of \_\_\_\_\_ and has a usual place of business at \_\_\_\_\_, and in the Commonwealth of Massachusetts at \_\_\_\_\_. The names and addresses of its officers are as follows:

President	Address
Treasurer	Address
Clerk	Address

If the bidder is a Foreign Corporation, also state the following:

(1) The Power of Attorney required by General Laws, c. 181, s. 3 was filed on\_\_\_\_\_.

(2) The Certificate and copy of its Charter, Articles or Certificate of Incorporation required by General Laws, c. 181, s. 5, were filed on: \_\_\_\_\_.

IF A PARTNERSHIP, the bidder has a usual place of business at:

\_\_\_\_\_.

The names and addresses of the partners are as follows:

Name	Address

**LEVI WETHERBEE FARMHOUSE  
LIFTING & SHORING  
INVITATION FOR BIDS**

IF AN INDIVIDUAL OWNER, state the full name and address of the owner. If business is carried on in any name other than that of the Owner, state such name and address:

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If the business is conducted under any name other than the real name of the owner, set forth when and where the certificate required by MGL c. 110, s. 5 was filed:

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The full names and addresses of all persons interested in this proposal, as principals, are as follows:

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Name	Address
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Name	Address
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Name	Address
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Name	Address
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**SUPPLEMENTARY INFORMATION**

The following is a brief description of bidder's experience and organization:

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**LEVI WETHERBEE FARMHOUSE  
LIFTING & SHORING  
INVITATION FOR BIDS  
  
CERTIFICATE OF GOOD FAITH**

The undersigned certifies under 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 certification, the word "person" shall mean any natural person, joint venture, partnership, corporation, or other business or legal entity.

\_\_\_\_\_  
(Name of person signing bid)

\_\_\_\_\_  
(Name of Business)

**LEVI WETHERBEE FARMHOUSE  
LIFTING & SHORING  
INVITATION FOR BIDS**

**TAX COMPLIANCE CERTIFICATION**

Under provisions of Massachusetts General Law, C. 62C, S49A, all person or companies submitting bids or proposals are required to certify their compliance with all laws of the Commonwealth of Massachusetts relating to taxes, reporting of employees and contractors, and withholding and remitting of child support.

I Certify under the pains and penalties of perjury that:

\_\_\_\_\_

has complied with all the law of the Commonwealth of Massachusetts relating to taxes, reporting of employees and contractors, and withholding and remitting of child support.

Date \_\_\_\_\_

\_\_\_\_\_  
(Signature)

Social Security Number or  
Federal Identification Number

\_\_\_\_\_  
(Title)

\_\_\_\_\_

\_\_\_\_\_  
(Name of business)

Your Social Security number or Federal Identification number will be furnished to the Massachusetts Department of Revenue (DOR) to determine whether you have met the filing or tax payment obligations. The Town is required to furnish to the DOR at the end of its fiscal year, the vendors to whom more than \$5,000 is paid during the 12 months, ending June 30. Providers, who fail to correct the non-filing or delinquency, will not have a contract or other agreement issued, renewed or extended. This is request is made under the authority of the Massachusetts General Laws, Chapter 62C, §49a.

**LEVI WETHERBEE FARMHOUSE  
LIFTING & SHORING  
INVITATION FOR BIDS**

**LABOR HARMONY CERTIFICATION**

The undersigned hereby certifies that \_\_\_\_\_(Name of Company) shall be able to furnish labor that can work in harmony with all other elements of labor employed or to be employed in the work.

Address:

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Signature:

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Title:

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Printed Name:

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**LEVI WETHERBEE FARMHOUSE  
LIFTING & SHORING  
INVITATION FOR BIDS**

**10 HOURS OSHA TRAINING CERTIFICATION**

The undersigned hereby certifies 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 payroll report for each employee and will comply will all laws and regulations applicable to awards of subcontracts subject to section 44F.

Company Name:

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Address:

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Signature:

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Title:

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Printed Name:

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**LEVI WETHERBEE FARMHOUSE  
LIFTING & SHORING  
INVITATION FOR BIDS  
REFERENCE FORM**

**Name of Bidder:** \_\_\_\_\_

List information for **all** ongoing projects as well as **all** projects completed within the last five (5) years. Use additional sheets if necessary.

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**Contact Name:** \_\_\_\_\_ **Municipality/Company Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_ **Telephone No.** \_\_\_\_\_ **Fax No.** \_\_\_\_\_

**Project Description:** \_\_\_\_\_

**Project Completion Date:** \_\_\_\_\_ **E-mail address:** \_\_\_\_\_

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**Contact Name:** \_\_\_\_\_ **Municipality/Company Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_ **Telephone No.** \_\_\_\_\_ **Fax No.** \_\_\_\_\_

**Project Description:** \_\_\_\_\_

**Project Completion Date:** \_\_\_\_\_ **E-mail address:** \_\_\_\_\_

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**Contact Name:** \_\_\_\_\_ **Municipality/Company Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_ **Telephone No.** \_\_\_\_\_ **Fax No.** \_\_\_\_\_

**Project Description:** \_\_\_\_\_

**Project Completion Date:** \_\_\_\_\_ **E-mail address:** \_\_\_\_\_

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**Contact Name:** \_\_\_\_\_ **Municipality/Company Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_ **Telephone No.** \_\_\_\_\_ **Fax No.** \_\_\_\_\_

**Project Description:** \_\_\_\_\_

**Project Completion Date:** \_\_\_\_\_ **E-mail address:** \_\_\_\_\_

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**Contact Name:** \_\_\_\_\_ **Municipality/Company Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_ **Telephone No.** \_\_\_\_\_ **Fax No.** \_\_\_\_\_

**Project Description:** \_\_\_\_\_

**Project Completion Date:** \_\_\_\_\_ **E-mail address:** \_\_\_\_\_

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*Attach additional sheets if necessary*

**LEVI WETHERBEE FARMHOUSE  
LIFTING & SHORING  
INVITATION FOR BIDS**

**BID FORM**

The undersigned proposes to furnish all labor and materials required for the repairs detailed in this IFB, in accordance with the specifications listed herein, for the contact price specified below.

This bid includes Addenda numbered \_\_\_\_\_

The proposed contract price is:

\_\_\_\_\_ \$ \_\_\_\_\_  
(Written Words) (Figures)

The undersigned certifies under the penalties of perjury that the project information contained in the bid is accurate and complete and that he has never defaulted on **any** project.

The undersigned agrees that, if he is selected as contractor, he shall within ten (10) calendar days after presentation thereof by the awarding authority, execute a contract in accordance with the terms of this bid.

The Contractor hereby offers the Town of Boxborough a discount of \_\_\_\_\_ based on payment within 30 days.

Date \_\_\_\_\_  
\_\_\_\_\_  
(Signed name of bidder)

Corporate Seal \_\_\_\_\_  
\_\_\_\_\_  
(Printed name of bidder)

\_\_\_\_\_  
(Title)

\_\_\_\_\_  
(Company name)

\_\_\_\_\_  
(Address)

\_\_\_\_\_  
(City, State, Zip Code)

\_\_\_\_\_  
(Phone)

**PERFORMANCE BOND**

KNOW ALL MEN BY THESE PRESENTS: That we \_\_\_\_\_

\_\_\_\_\_ a \_\_\_\_\_ hereinafter  
(Name of Contractor) (Corporation, Partnership, Joint Venture or Individual)

called "Principal" and \_\_\_\_\_ of \_\_\_\_\_,  
(Surety) (City)

State of \_\_\_\_\_ hereinafter called the "Surety" and licensed  
(State)

by the State Division of Insurance to do business under the laws of the Commonwealth of Massachusetts, are held and firmly bound to Boxborough, Massachusetts, hereinafter called "Town," in the penal sum of

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_) in lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION is such that Whereas, the Principal entered into a certain contract with the Town, dated the \_\_\_\_\_ day of \_\_\_\_\_, 2014, a copy of which is hereto attached and made a part hereof for the construction described as follows:

**LEVI WETHERBEE FARMHOUSE  
LIFTING & SHORING  
INVITATION FOR BIDS**

NOW, THEREFORE, if the Principal shall well, truly and faithfully perform its duties, all the undertakings, covenants, terms, conditions, and agreements of said contract during the original term thereof, and any extensions thereof which may be granted by the Town, with or without notice of the Surety, and if he shall satisfy all claims and demands incurred under such contract, and shall fully indemnify and save harmless the Town from all costs and damages which it may suffer by reason of failure to do so, and shall reimburse and repay the Town all outlay and expense which the Town may incur in making good any default, then this obligation shall be void; otherwise to remain in full force and effect.

PROVIDED, FURTHER, that the said Surety, for value received hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract or to the work to be performed thereunder or the specifications accompanying the same shall in any way affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of this contract or to the work or to the specifications.

PROVIDED, FURTHER, that no final settlement between the Town and the Contractor shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

IN WITNESS WHEREOF, this instrument is executed in four (4) counterparts, each one of which shall be deemed an original, this the \_\_\_\_\_ day of \_\_\_\_\_, 2014.

ATTEST:

\_\_\_\_\_  
(Principal Secretary) BY \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
(Address - Zip Code)

SEAL)

\_\_\_\_\_  
Witness as to Principal

\_\_\_\_\_

\_\_\_\_\_  
(Address - Zip Code)

ATTEST:

\_\_\_\_\_ BY: \_\_\_\_\_  
(Attorney-in-Fact)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
(Address - Zip Code)

\_\_\_\_\_  
Witness as to Surety

(SEAL)

\_\_\_\_\_

\_\_\_\_\_  
(Address - Zip Code)

NOTE: Date of Bond shall not be prior to date of Contract. If Contractor is a Partnership, all partners should execute Bond.

**PAYMENT BOND**

KNOW ALL MEN BY THESE PRESENTS: That we \_\_\_\_\_  
\_\_\_\_\_ a \_\_\_\_\_ hereinafter  
(Name of Contractor) (Corporation, Partnership, Joint Venture or Individual)  
called "Principal" and \_\_\_\_\_ of \_\_\_\_\_,  
(Surety) (City)  
State of \_\_\_\_\_ hereinafter called the "Surety" and licensed  
(State)  
by the State Division of Insurance to do business under the laws of the Commonwealth of Massachusetts, are held and firmly bound to Boxborough, Massachusetts, hereinafter called "Town", in the penal sum of \_\_\_\_\_ Dollars (\$ \_\_\_\_\_) in lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION is such that Whereas, the Principal entered into a certain contract with the Town, dated the \_\_\_\_\_ day of \_\_\_\_\_, 2014, a copy of which is hereto attached and made a part hereof for the construction described as follows:

**LEVI WETHERBEE FARMHOUSE  
LIFTING & SHORING  
INVITATION FOR BIDS**

NOW, THEREFORE, if the Principal shall promptly make payment to all persons, firms, subcontractors, and corporations furnishing materials for or performing labor in the prosecution of the work provided for in such contract, and any authorized extension or modification thereof, including all amount due for materials, lubricants, oil, gasoline, coal; and coke, repairs on machinery, equipment and tools, consumed or used in connection with the construction of such work, and all insurance premiums on said work, and for all labor, performed in such work whether by subcontractor or otherwise, then this obligation shall be void; otherwise to remain in full force and effect.

PROVIDED, FURTHER, that the said Surety, for value received hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract or to the work to be performed thereunder or the specifications accompanying the same shall in any way affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of this contract or to the work or to the specifications.

PROVIDED, FURTHER, that no final settlement between the Town and the Contractor shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

IN WITNESS WHEREOF, this instrument is executed in four (4) counterparts, each one of which shall be deemed an original, this the \_\_\_\_\_ day of \_\_\_\_\_, 2014.

ATTEST:

\_\_\_\_\_  
(Principal Secretary)

\_\_\_\_\_  
Principal

By \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
Witness as to Principal

\_\_\_\_\_  
(Address - Zip Code)

(SEAL)

\_\_\_\_\_

\_\_\_\_\_  
(Address - Zip Code)

ATTEST:

\_\_\_\_\_

\_\_\_\_\_

BY: \_\_\_\_\_  
(Attorney-in-Fact)

\_\_\_\_\_

\_\_\_\_\_  
Address - Zip Code

\_\_\_\_\_  
Witness as to Surety

(SEAL)

\_\_\_\_\_

\_\_\_\_\_  
Address - Zip Code

NOTE: Date of Bond shall not be prior to date of Contract. If Contractor is a Partnership, all partners should execute Bond.



DEVAL L. PATRICK  
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

RACHEL KAPRIELIAN  
Secretary  
HEATHER E. ROWE  
Director

**Awarding Authority:** Town of Boxborough  
**Contract Number:** **City/Town:** BOXBOROUGH  
**Description of Work:** Steele Farm House - This project is for the lifting and shoring of this historic house for the purpose of installing a new foundation.  
**Job Location:** 484 Middle Road

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 filed sub-bidder, or any sub-contractor.
- All apprentices working on the project are required to be registered with the Massachusetts Division of Apprentice Standards (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. **If an apprentice rate is not listed on the prevailing wage schedule for the trade in which an apprentice is registered with the DAS, the apprentice 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/pw>.
- 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 criminal penalties.

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
<b>Construction</b>						
(2 AXLE) DRIVER - EQUIPMENT <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	06/01/2014	\$31.30	\$9.41	\$8.80	\$0.00	\$49.51
	08/01/2014	\$31.30	\$9.91	\$8.80	\$0.00	\$50.01
	12/01/2014	\$31.30	\$9.91	\$9.33	\$0.00	\$50.54
	06/01/2015	\$31.65	\$9.91	\$9.33	\$0.00	\$50.89
	08/01/2015	\$31.65	\$10.41	\$9.33	\$0.00	\$51.39
	12/01/2015	\$31.65	\$10.41	\$10.08	\$0.00	\$52.14
	06/01/2016	\$32.15	\$10.41	\$10.08	\$0.00	\$52.64
	08/01/2016	\$32.15	\$10.91	\$10.08	\$0.00	\$53.14
	12/01/2016	\$32.15	\$10.91	\$10.89	\$0.00	\$53.95
(3 AXLE) DRIVER - EQUIPMENT <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	06/01/2014	\$31.37	\$9.41	\$8.80	\$0.00	\$49.58
	08/01/2014	\$31.37	\$9.91	\$8.80	\$0.00	\$50.08
	12/01/2014	\$31.37	\$9.91	\$9.33	\$0.00	\$50.61
	06/01/2015	\$31.72	\$9.91	\$9.33	\$0.00	\$50.96
	08/01/2015	\$31.72	\$10.41	\$9.33	\$0.00	\$51.46
	12/01/2015	\$31.72	\$10.41	\$10.08	\$0.00	\$52.21
	06/01/2016	\$32.22	\$10.41	\$10.08	\$0.00	\$52.71
	08/01/2016	\$32.22	\$10.91	\$10.08	\$0.00	\$53.21
	12/01/2016	\$32.22	\$10.91	\$10.89	\$0.00	\$54.02
(4 & 5 AXLE) DRIVER - EQUIPMENT <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	06/01/2014	\$31.49	\$9.41	\$8.80	\$0.00	\$49.70
	08/01/2014	\$31.49	\$9.91	\$8.80	\$0.00	\$50.20
	12/01/2014	\$31.49	\$9.91	\$9.33	\$0.00	\$50.73
	06/01/2015	\$31.84	\$9.91	\$9.33	\$0.00	\$51.08
	08/01/2015	\$31.84	\$10.41	\$9.33	\$0.00	\$51.58
	12/01/2015	\$31.84	\$10.41	\$10.08	\$0.00	\$52.33
	06/01/2016	\$32.34	\$10.41	\$10.08	\$0.00	\$52.83
	08/01/2016	\$32.34	\$10.91	\$10.08	\$0.00	\$53.33
	12/01/2016	\$32.34	\$10.91	\$10.89	\$0.00	\$54.14
ADS/SUBMERSIBLE PILOT <i>PILE DRIVER LOCAL 56 (ZONE 1)</i>	08/01/2013	\$84.21	\$9.80	\$18.17	\$0.00	\$112.18
	08/01/2014	\$87.36	\$9.80	\$18.17	\$0.00	\$115.33
	08/01/2015	\$90.51	\$9.80	\$18.17	\$0.00	\$118.48
AIR TRACK OPERATOR <i>LABORERS - ZONE 2</i>	06/01/2014	\$31.10	\$7.30	\$12.10	\$0.00	\$50.50
	12/01/2014	\$31.60	\$7.30	\$12.10	\$0.00	\$51.00
	06/01/2015	\$32.10	\$7.30	\$12.10	\$0.00	\$51.50
	12/01/2015	\$32.60	\$7.30	\$12.10	\$0.00	\$52.00
	06/01/2016	\$33.10	\$7.30	\$12.10	\$0.00	\$52.50
	12/01/2016	\$33.85	\$7.30	\$12.10	\$0.00	\$53.25
For apprentice rates see "Apprentice- LABORER"						
ASBESTOS REMOVER - PIPE / MECH. EQUIPT. <i>HEAT &amp; FROST INSULATORS LOCAL 6 (BOSTON)</i>	06/01/2014	\$31.58	\$10.40	\$5.95	\$0.00	\$47.93
	12/01/2014	\$32.48	\$10.40	\$5.95	\$0.00	\$48.83
	06/01/2015	\$33.43	\$10.40	\$5.95	\$0.00	\$49.78
	12/01/2015	\$34.38	\$10.40	\$5.95	\$0.00	\$50.73

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
ASPHALT RAKER <i>LABORERS - ZONE 2</i>	06/01/2014	\$30.60	\$7.30	\$12.10	\$0.00	\$50.00
	12/01/2014	\$31.10	\$7.30	\$12.10	\$0.00	\$50.50
	06/01/2015	\$31.60	\$7.30	\$12.10	\$0.00	\$51.00
	12/01/2015	\$32.10	\$7.30	\$12.10	\$0.00	\$51.50
	06/01/2016	\$32.60	\$7.30	\$12.10	\$0.00	\$52.00
	12/01/2016	\$33.35	\$7.30	\$12.10	\$0.00	\$52.75
For apprentice rates see "Apprentice- LABORER"						
ASPHALT/CONCRETE/CRUSHER PLANT-ON SITE <i>OPERATING ENGINEERS LOCAL 4</i>	12/01/2013	\$40.49	\$10.00	\$14.18	\$0.00	\$64.67
	For apprentice rates see "Apprentice- OPERATING ENGINEERS"					
BACKHOE/FRONT-END LOADER <i>OPERATING ENGINEERS LOCAL 4</i>	12/01/2013	\$40.49	\$10.00	\$14.18	\$0.00	\$64.67
	For apprentice rates see "Apprentice- OPERATING ENGINEERS"					
BARCO-TYPE JUMPING TAMPER <i>LABORERS - ZONE 2</i>	06/01/2014	\$30.60	\$7.30	\$12.10	\$0.00	\$50.00
	12/01/2014	\$31.10	\$7.30	\$12.10	\$0.00	\$50.50
	06/01/2015	\$31.60	\$7.30	\$12.10	\$0.00	\$51.00
	12/01/2015	\$32.10	\$7.30	\$12.10	\$0.00	\$51.50
	06/01/2016	\$32.60	\$7.30	\$12.10	\$0.00	\$52.00
	12/01/2016	\$33.35	\$7.30	\$12.10	\$0.00	\$52.75
For apprentice rates see "Apprentice- LABORER"						
BLOCK PAVER, RAMMER / CURB SETTER <i>LABORERS - ZONE 2</i>	06/01/2014	\$31.10	\$7.30	\$12.10	\$0.00	\$50.50
	12/01/2014	\$31.60	\$7.30	\$12.10	\$0.00	\$51.00
	06/01/2015	\$32.10	\$7.30	\$12.10	\$0.00	\$51.50
	12/01/2015	\$32.60	\$7.30	\$12.10	\$0.00	\$52.00
	06/01/2016	\$33.10	\$7.30	\$12.10	\$0.00	\$52.50
	12/01/2016	\$33.85	\$7.30	\$12.10	\$0.00	\$53.25
For apprentice rates see "Apprentice- LABORER"						
BOILER MAKER <i>BOILERMAKERS LOCAL 29</i>	01/01/2010	\$37.70	\$6.97	\$11.18	\$0.00	\$55.85

**Apprentice - BOILERMAKER - Local 29**

**Effective Date - 01/01/2010**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	65	\$24.51	\$6.97	\$11.18	\$0.00	\$42.66
2	65	\$24.51	\$6.97	\$11.18	\$0.00	\$42.66
3	70	\$26.39	\$6.97	\$11.18	\$0.00	\$44.54
4	75	\$28.28	\$6.97	\$11.18	\$0.00	\$46.43
5	80	\$30.16	\$6.97	\$11.18	\$0.00	\$48.31
6	85	\$32.05	\$6.97	\$11.18	\$0.00	\$50.20
7	90	\$33.93	\$6.97	\$11.18	\$0.00	\$52.08
8	95	\$35.82	\$6.97	\$11.18	\$0.00	\$53.97

**Notes:**

**Apprentice to Journeyworker Ratio:1:5**

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
BRICK/STONE/ARTIFICIAL MASONRY (INCL. MASONRY WATERPROOFING) <i>BRICKLAYERS LOCAL 3 (LOWELL)</i>	03/01/2014	\$45.96	\$10.18	\$17.55	\$0.00	\$73.69
	09/01/2014	\$46.86	\$10.18	\$17.62	\$0.00	\$74.66
	03/01/2015	\$47.42	\$10.18	\$17.62	\$0.00	\$75.22
	09/01/2015	\$48.32	\$10.18	\$17.69	\$0.00	\$76.19
	03/01/2016	\$48.89	\$10.18	\$17.69	\$0.00	\$76.76
	09/01/2016	\$49.79	\$10.18	\$17.77	\$0.00	\$77.74
	03/01/2017	\$50.36	\$10.18	\$17.77	\$0.00	\$78.31

**Apprentice - BRICK/PLASTER/CEMENT MASON - Local 3 Lowell**

**Effective Date - 03/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$22.98	\$10.18	\$17.55	\$0.00	\$50.71
2	60	\$27.58	\$10.18	\$17.55	\$0.00	\$55.31
3	70	\$32.17	\$10.18	\$17.55	\$0.00	\$59.90
4	80	\$36.77	\$10.18	\$17.55	\$0.00	\$64.50
5	90	\$41.36	\$10.18	\$17.55	\$0.00	\$69.09

**Effective Date - 09/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$23.43	\$10.18	\$17.62	\$0.00	\$51.23
2	60	\$28.12	\$10.18	\$17.62	\$0.00	\$55.92
3	70	\$32.80	\$10.18	\$17.62	\$0.00	\$60.60
4	80	\$37.49	\$10.18	\$17.62	\$0.00	\$65.29
5	90	\$42.17	\$10.18	\$17.62	\$0.00	\$69.97

**Notes:**

**Apprentice to Journeyworker Ratio:1:5**

BULLDOZER/GRADER/SCRAPER <i>OPERATING ENGINEERS LOCAL 4</i>	12/01/2013	\$40.11	\$10.00	\$14.18	\$0.00	\$64.29
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For apprentice rates see "Apprentice- OPERATING ENGINEERS"

CAISSON & UNDERPINNING BOTTOM MAN <i>LABORERS - FOUNDATION AND MARINE</i>	06/01/2014	\$35.20	\$7.30	\$12.90	\$0.00	\$55.40
	12/01/2014	\$35.95	\$7.30	\$12.90	\$0.00	\$56.15
	06/01/2015	\$36.70	\$7.30	\$12.90	\$0.00	\$56.90
	12/01/2015	\$37.45	\$7.30	\$12.90	\$0.00	\$57.65
	06/01/2016	\$38.20	\$7.30	\$12.90	\$0.00	\$58.40
	12/01/2016	\$39.20	\$7.30	\$12.90	\$0.00	\$59.40

For apprentice rates see "Apprentice- LABORER"

CAISSON & UNDERPINNING LABORER <i>LABORERS - FOUNDATION AND MARINE</i>	06/01/2014	\$34.05	\$7.30	\$12.90	\$0.00	\$54.25
	12/01/2014	\$34.80	\$7.30	\$12.90	\$0.00	\$55.00
	06/01/2015	\$35.55	\$7.30	\$12.90	\$0.00	\$55.75
	12/01/2015	\$36.30	\$7.30	\$12.90	\$0.00	\$56.50
	06/01/2016	\$37.05	\$7.30	\$12.90	\$0.00	\$57.25
	12/01/2016	\$38.05	\$7.30	\$12.90	\$0.00	\$58.25

For apprentice rates see "Apprentice- LABORER"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
CAISSON & UNDERPINNING TOP MAN <i>LABORERS - FOUNDATION AND MARINE</i>	06/01/2014	\$34.05	\$7.30	\$12.90	\$0.00	\$54.25
	12/01/2014	\$34.80	\$7.30	\$12.90	\$0.00	\$55.00
	06/01/2015	\$35.55	\$7.30	\$12.90	\$0.00	\$55.75
	12/01/2015	\$36.30	\$7.30	\$12.90	\$0.00	\$56.50
	06/01/2016	\$37.05	\$7.30	\$12.90	\$0.00	\$57.25
	12/01/2016	\$38.05	\$7.30	\$12.90	\$0.00	\$58.25
For apprentice rates see "Apprentice- LABORER"						
CARBIDE CORE DRILL OPERATOR <i>LABORERS - ZONE 2</i>	06/01/2014	\$30.60	\$7.30	\$12.10	\$0.00	\$50.00
	12/01/2014	\$31.10	\$7.30	\$12.10	\$0.00	\$50.50
	06/01/2015	\$31.60	\$7.30	\$12.10	\$0.00	\$51.00
	12/01/2015	\$32.10	\$7.30	\$12.10	\$0.00	\$51.50
	06/01/2016	\$32.60	\$7.30	\$12.10	\$0.00	\$52.00
	12/01/2016	\$33.35	\$7.30	\$12.10	\$0.00	\$52.75
For apprentice rates see "Apprentice- LABORER"						
CARPENTER <i>CARPENTERS -ZONE 2 (Eastern Massachusetts)</i>	03/01/2014	\$34.78	\$9.80	\$15.91	\$0.00	\$60.49
	09/01/2014	\$35.55	\$9.80	\$15.91	\$0.00	\$61.26
	03/01/2015	\$36.32	\$9.80	\$15.91	\$0.00	\$62.03

**Apprentice - CARPENTER - Zone 2 Eastern MA**

**Effective Date - 03/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$17.39	\$9.80	\$1.57	\$0.00	\$28.76
2	60	\$20.87	\$9.80	\$1.57	\$0.00	\$32.24
3	70	\$24.35	\$9.80	\$11.20	\$0.00	\$45.35
4	75	\$26.09	\$9.80	\$11.20	\$0.00	\$47.09
5	80	\$27.82	\$9.80	\$12.77	\$0.00	\$50.39
6	80	\$27.82	\$9.80	\$12.77	\$0.00	\$50.39
7	90	\$31.30	\$9.80	\$14.34	\$0.00	\$55.44
8	90	\$31.30	\$9.80	\$14.34	\$0.00	\$55.44

**Effective Date - 09/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$17.78	\$9.80	\$1.57	\$0.00	\$29.15
2	60	\$21.33	\$9.80	\$1.57	\$0.00	\$32.70
3	70	\$24.89	\$9.80	\$11.20	\$0.00	\$45.89
4	75	\$26.66	\$9.80	\$11.20	\$0.00	\$47.66
5	80	\$28.44	\$9.80	\$12.77	\$0.00	\$51.01
6	80	\$28.44	\$9.80	\$12.77	\$0.00	\$51.01
7	90	\$32.00	\$9.80	\$14.34	\$0.00	\$56.14
8	90	\$32.00	\$9.80	\$14.34	\$0.00	\$56.14

**Notes:**

**Apprentice to Journeyworker Ratio:1:5**

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
CEMENT MASONRY/PLASTERING <i>BRICKLAYERS LOCAL 3 (LOWELL)</i>	07/01/2014	\$40.12	\$10.90	\$18.71	\$1.30	\$71.03
	01/01/2015	\$40.80	\$10.90	\$18.71	\$1.30	\$71.71
	07/01/2015	\$41.63	\$10.90	\$18.71	\$1.30	\$72.54
	01/01/2016	\$42.32	\$10.90	\$18.71	\$1.30	\$73.23

**Apprentice - CEMENT MASONRY/PLASTERING - Lowell**

**Effective Date - 07/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$20.06	\$10.90	\$12.21	\$1.30	\$44.47
2	60	\$24.07	\$10.90	\$13.71	\$1.30	\$49.98
3	65	\$26.08	\$10.90	\$14.71	\$1.30	\$52.99
4	70	\$28.08	\$10.90	\$15.71	\$1.30	\$55.99
5	75	\$30.09	\$10.90	\$16.71	\$1.30	\$59.00
6	80	\$32.10	\$10.90	\$17.71	\$1.30	\$62.01
7	90	\$36.11	\$10.90	\$18.71	\$1.30	\$67.02

**Effective Date - 01/01/2015**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$20.40	\$10.90	\$12.21	\$1.30	\$44.81
2	60	\$24.48	\$10.90	\$13.71	\$1.30	\$50.39
3	65	\$26.52	\$10.90	\$14.71	\$1.30	\$53.43
4	70	\$28.56	\$10.90	\$15.71	\$1.30	\$56.47
5	75	\$30.60	\$10.90	\$16.71	\$1.30	\$59.51
6	80	\$32.64	\$10.90	\$17.71	\$1.30	\$62.55
7	90	\$36.72	\$10.90	\$18.71	\$1.30	\$67.63

**Notes:**

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

**Apprentice to Journeyworker Ratio:1:3**

CHAIN SAW OPERATOR <i>LABORERS - ZONE 2</i>	06/01/2014	\$30.60	\$7.30	\$12.10	\$0.00	\$50.00
	12/01/2014	\$31.10	\$7.30	\$12.10	\$0.00	\$50.50
	06/01/2015	\$31.60	\$7.30	\$12.10	\$0.00	\$51.00
	12/01/2015	\$32.10	\$7.30	\$12.10	\$0.00	\$51.50
	06/01/2016	\$32.60	\$7.30	\$12.10	\$0.00	\$52.00
	12/01/2016	\$33.35	\$7.30	\$12.10	\$0.00	\$52.75

For apprentice rates see "Apprentice- LABORER"

CLAM SHELLS/SLURRY BUCKETS/HEADING MACHINES <i>OPERATING ENGINEERS LOCAL 4</i>	12/01/2013	\$41.49	\$10.00	\$14.18	\$0.00	\$65.67
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For apprentice rates see "Apprentice- OPERATING ENGINEERS"

COMPRESSOR OPERATOR <i>OPERATING ENGINEERS LOCAL 4</i>	12/01/2013	\$28.11	\$10.00	\$14.18	\$0.00	\$52.29
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For apprentice rates see "Apprentice- OPERATING ENGINEERS"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
DELEADER (BRIDGE) PAINTERS LOCAL 35 - ZONE 2	07/01/2014	\$46.76	\$7.85	\$16.10	\$0.00	\$70.71
	01/01/2015	\$47.66	\$7.85	\$16.10	\$0.00	\$71.61
	07/01/2015	\$48.56	\$7.85	\$16.10	\$0.00	\$72.51
	01/01/2016	\$49.51	\$7.85	\$16.10	\$0.00	\$73.46
	07/01/2016	\$50.46	\$7.85	\$16.10	\$0.00	\$74.41
	01/01/2017	\$51.41	\$7.85	\$16.10	\$0.00	\$75.36

**Apprentice - PAINTER Local 35 - BRIDGES/TANKS**

**Effective Date - 07/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$23.38	\$7.85	\$0.00	\$0.00	\$31.23
2	55	\$25.72	\$7.85	\$3.66	\$0.00	\$37.23
3	60	\$28.06	\$7.85	\$3.99	\$0.00	\$39.90
4	65	\$30.39	\$7.85	\$4.32	\$0.00	\$42.56
5	70	\$32.73	\$7.85	\$14.11	\$0.00	\$54.69
6	75	\$35.07	\$7.85	\$14.44	\$0.00	\$57.36
7	80	\$37.41	\$7.85	\$14.77	\$0.00	\$60.03
8	90	\$42.08	\$7.85	\$15.44	\$0.00	\$65.37

**Effective Date - 01/01/2015**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$23.83	\$7.85	\$0.00	\$0.00	\$31.68
2	55	\$26.21	\$7.85	\$3.66	\$0.00	\$37.72
3	60	\$28.60	\$7.85	\$3.99	\$0.00	\$40.44
4	65	\$30.98	\$7.85	\$4.32	\$0.00	\$43.15
5	70	\$33.36	\$7.85	\$14.11	\$0.00	\$55.32
6	75	\$35.75	\$7.85	\$14.44	\$0.00	\$58.04
7	80	\$38.13	\$7.85	\$14.77	\$0.00	\$60.75
8	90	\$42.89	\$7.85	\$15.44	\$0.00	\$66.18

**Notes:**

Steps are 750 hrs.

**Apprentice to Journeyworker Ratio:1:1**

DEMO: ADZEMAN LABORERS - ZONE 2	06/01/2014	\$34.25	\$7.30	\$12.70	\$0.00	\$54.25
	12/01/2014	\$35.00	\$7.30	\$12.70	\$0.00	\$55.00
	06/01/2015	\$35.75	\$7.30	\$12.70	\$0.00	\$55.75
	12/01/2015	\$36.50	\$7.30	\$12.70	\$0.00	\$56.50

For apprentice rates see "Apprentice- LABORER"

DEMO: BACKHOE/LOADER/HAMMER OPERATOR LABORERS - ZONE 2	06/01/2014	\$35.25	\$7.30	\$12.70	\$0.00	\$55.25
	12/01/2014	\$36.00	\$7.30	\$12.70	\$0.00	\$56.00
	06/01/2015	\$36.75	\$7.30	\$12.70	\$0.00	\$56.75
	12/01/2015	\$37.50	\$7.30	\$12.70	\$0.00	\$57.50

For apprentice rates see "Apprentice- LABORER"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
DEMO: BURNERS <i>LABORERS - ZONE 2</i>	06/01/2014	\$35.00	\$7.30	\$12.70	\$0.00	\$55.00
	12/01/2014	\$35.75	\$7.30	\$12.70	\$0.00	\$55.75
	06/01/2015	\$36.50	\$7.30	\$12.70	\$0.00	\$56.50
	12/01/2015	\$37.25	\$7.30	\$12.70	\$0.00	\$57.25
For apprentice rates see "Apprentice- LABORER"						
DEMO: CONCRETE CUTTER/SAWYER <i>LABORERS - ZONE 2</i>	06/01/2014	\$35.25	\$7.30	\$12.70	\$0.00	\$55.25
	12/01/2014	\$36.00	\$7.30	\$12.70	\$0.00	\$56.00
	06/01/2015	\$36.75	\$7.30	\$12.70	\$0.00	\$56.75
	12/01/2015	\$37.50	\$7.30	\$12.70	\$0.00	\$57.50
For apprentice rates see "Apprentice- LABORER"						
DEMO: JACKHAMMER OPERATOR <i>LABORERS - ZONE 2</i>	06/01/2014	\$35.00	\$7.30	\$12.70	\$0.00	\$55.00
	12/01/2014	\$35.75	\$7.30	\$12.70	\$0.00	\$55.75
	06/01/2015	\$36.50	\$7.30	\$12.70	\$0.00	\$56.50
	12/01/2015	\$37.25	\$7.30	\$12.70	\$0.00	\$57.25
For apprentice rates see "Apprentice- LABORER"						
DEMO: WRECKING LABORER <i>LABORERS - ZONE 2</i>	06/01/2014	\$34.25	\$7.30	\$12.70	\$0.00	\$54.25
	12/01/2014	\$35.00	\$7.30	\$12.70	\$0.00	\$55.00
	06/01/2015	\$35.75	\$7.30	\$12.70	\$0.00	\$55.75
	12/01/2015	\$36.50	\$7.30	\$12.70	\$0.00	\$56.50
For apprentice rates see "Apprentice- LABORER"						
DIRECTIONAL DRILL MACHINE OPERATOR <i>OPERATING ENGINEERS LOCAL 4</i>	12/01/2013	\$40.11	\$10.00	\$14.18	\$0.00	\$64.29
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
DIVER <i>PILE DRIVER LOCAL 56 (ZONE 1)</i>	08/01/2013	\$56.14	\$9.80	\$18.17	\$0.00	\$84.11
	08/01/2014	\$58.24	\$9.80	\$18.17	\$0.00	\$86.21
	08/01/2015	\$60.34	\$9.80	\$18.17	\$0.00	\$88.31
DIVER TENDER <i>PILE DRIVER LOCAL 56 (ZONE 1)</i>	08/01/2013	\$40.10	\$9.80	\$18.17	\$0.00	\$68.07
	08/01/2014	\$41.60	\$9.80	\$18.17	\$0.00	\$69.57
	08/01/2015	\$43.10	\$9.80	\$18.17	\$0.00	\$71.07
DIVER TENDER (EFFLUENT) <i>PILE DRIVER LOCAL 56 (ZONE 1)</i>	08/01/2013	\$60.15	\$9.80	\$18.17	\$0.00	\$88.12
	08/01/2014	\$62.40	\$9.80	\$18.17	\$0.00	\$90.37
	08/01/2015	\$64.65	\$9.80	\$18.17	\$0.00	\$92.62
DIVER/SLURRY (EFFLUENT) <i>PILE DRIVER LOCAL 56 (ZONE 1)</i>	08/01/2013	\$84.21	\$9.80	\$18.17	\$0.00	\$112.18
	08/01/2014	\$87.36	\$9.80	\$18.17	\$0.00	\$115.33
	08/01/2015	\$90.51	\$9.80	\$18.17	\$0.00	\$118.48
DRAWBRIDGE OPERATOR (Construction) <i>ELECTRICIANS LOCAL 103</i>	03/01/2014	\$44.45	\$13.00	\$14.68	\$0.00	\$72.13
	09/01/2014	\$45.12	\$13.00	\$14.70	\$0.00	\$72.82
	03/01/2015	\$45.84	\$13.00	\$14.72	\$0.00	\$73.56
	09/01/2015	\$46.80	\$13.00	\$14.75	\$0.00	\$74.55
	03/01/2016	\$47.75	\$13.00	\$14.78	\$0.00	\$75.53
For apprentice rates see "Apprentice- ELECTRICIAN"						
ELECTRICIAN <i>ELECTRICIANS LOCAL 103</i>	03/01/2014	\$44.45	\$13.00	\$14.68	\$0.00	\$72.13
	09/01/2014	\$45.12	\$13.00	\$14.70	\$0.00	\$72.82
	03/01/2015	\$45.84	\$13.00	\$14.72	\$0.00	\$73.56
	09/01/2015	\$46.80	\$13.00	\$14.75	\$0.00	\$74.55
	03/01/2016	\$47.75	\$13.00	\$14.78	\$0.00	\$75.53

**Classification**

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

**Apprentice - ELECTRICIAN - Local 103**

**Effective Date - 03/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$17.78	\$13.00	\$0.53	\$0.00	\$31.31
2	40	\$17.78	\$13.00	\$0.53	\$0.00	\$31.31
3	45	\$20.00	\$13.00	\$11.04	\$0.00	\$44.04
4	45	\$20.00	\$13.00	\$11.04	\$0.00	\$44.04
5	50	\$22.23	\$13.00	\$11.37	\$0.00	\$46.60
6	55	\$24.45	\$13.00	\$11.70	\$0.00	\$49.15
7	60	\$26.67	\$13.00	\$12.03	\$0.00	\$51.70
8	65	\$28.89	\$13.00	\$12.37	\$0.00	\$54.26
9	70	\$31.12	\$13.00	\$12.69	\$0.00	\$56.81
10	75	\$33.34	\$13.00	\$13.03	\$0.00	\$59.37

**Effective Date - 09/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$18.05	\$13.00	\$0.54	\$0.00	\$31.59
2	40	\$18.05	\$13.00	\$0.54	\$0.00	\$31.59
3	45	\$20.30	\$13.00	\$11.05	\$0.00	\$44.35
4	45	\$20.30	\$13.00	\$11.05	\$0.00	\$44.35
5	50	\$22.56	\$13.00	\$11.38	\$0.00	\$46.94
6	55	\$24.82	\$13.00	\$11.71	\$0.00	\$49.53
7	60	\$27.07	\$13.00	\$12.04	\$0.00	\$52.11
8	65	\$29.33	\$13.00	\$12.38	\$0.00	\$54.71
9	70	\$31.58	\$13.00	\$12.71	\$0.00	\$57.29
10	75	\$33.84	\$13.00	\$13.05	\$0.00	\$59.89

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

**Apprentice to Journeyworker Ratio:2:3\*\*\***

ELEVATOR CONSTRUCTOR ELEVATOR CONSTRUCTORS LOCAL 4	01/01/2012	\$52.45	\$8.78	\$6.96	\$0.00	\$68.19
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**Apprentice - ELEVATOR CONSTRUCTOR - Local 4**

**Effective Date - 01/01/2012**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$26.23	\$8.78	\$0.00	\$0.00	\$35.01
2	55	\$28.85	\$8.78	\$6.96	\$0.00	\$44.59
3	65	\$34.09	\$8.78	\$6.96	\$0.00	\$49.83
4	70	\$36.72	\$8.78	\$6.96	\$0.00	\$52.46
5	80	\$41.96	\$8.78	\$6.96	\$0.00	\$57.70

**Notes:**

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

**Apprentice to Journeyworker Ratio:1:1**

ELEVATOR CONSTRUCTOR HELPER <i>ELEVATOR CONSTRUCTORS LOCAL 4</i>	01/01/2012	\$38.59	\$8.78	\$6.96	\$0.00	\$54.33
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For apprentice rates see "Apprentice - ELEVATOR CONSTRUCTOR"

FENCE & GUARD RAIL ERECTOR <i>LABORERS - ZONE 2</i>	06/01/2014	\$30.60	\$7.30	\$12.10	\$0.00	\$50.00
	12/01/2014	\$31.10	\$7.30	\$12.10	\$0.00	\$50.50
	06/01/2015	\$31.60	\$7.30	\$12.10	\$0.00	\$51.00
	12/01/2015	\$32.10	\$7.30	\$12.10	\$0.00	\$51.50
	06/01/2016	\$32.60	\$7.30	\$12.10	\$0.00	\$52.00
	12/01/2016	\$33.35	\$7.30	\$12.10	\$0.00	\$52.75

For apprentice rates see "Apprentice- LABORER"

FIELD ENG.INST.PERSON-BLDG,SITE,HVY/HWY <i>OPERATING ENGINEERS LOCAL 4</i>	05/01/2014	\$38.87	\$10.00	\$14.18	\$0.00	\$63.05
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For apprentice rates see "Apprentice- OPERATING ENGINEERS"

FIELD ENG.PARTY CHIEF-BLDG,SITE,HVY/HWY <i>OPERATING ENGINEERS LOCAL 4</i>	05/01/2014	\$40.29	\$10.00	\$14.18	\$0.00	\$64.47
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For apprentice rates see "Apprentice- OPERATING ENGINEERS"

FIELD ENG.ROD PERSON-BLDG,SITE,HVY/HWY <i>OPERATING ENGINEERS LOCAL 4</i>	05/01/2014	\$20.92	\$10.00	\$14.18	\$0.00	\$45.10
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For apprentice rates see "Apprentice- OPERATING ENGINEERS"

FIRE ALARM INSTALLER <i>ELECTRICIANS LOCAL 103</i>	03/01/2014	\$44.45	\$13.00	\$14.68	\$0.00	\$72.13
	09/01/2014	\$45.12	\$13.00	\$14.70	\$0.00	\$72.82
	03/01/2015	\$45.84	\$13.00	\$14.72	\$0.00	\$73.56
	09/01/2015	\$46.80	\$13.00	\$14.75	\$0.00	\$74.55
	03/01/2016	\$47.75	\$13.00	\$14.78	\$0.00	\$75.53

For apprentice rates see "Apprentice- ELECTRICIAN"

FIRE ALARM REPAIR / MAINTENANCE <i>LOCAL 103</i> / COMMISSIONING <i>ELECTRICIANS</i>	03/01/2014	\$33.44	\$13.00	\$13.03	\$0.00	\$59.47
	09/01/2014	\$33.84	\$13.00	\$13.05	\$0.00	\$59.89
	03/01/2015	\$34.38	\$13.00	\$13.06	\$0.00	\$60.44
	09/01/2015	\$35.10	\$13.00	\$13.08	\$0.00	\$61.18
	03/01/2016	\$35.81	\$13.00	\$13.10	\$0.00	\$61.91

For apprentice rates see "Apprentice- TELECOMMUNICATIONS TECHNICIAN"

FIREMAN (ASST. ENGINEER) <i>OPERATING ENGINEERS LOCAL 4</i>	12/01/2013	\$33.76	\$10.00	\$14.18	\$0.00	\$57.94
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For apprentice rates see "Apprentice- OPERATING ENGINEERS"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
FLAGGER & SIGNALER <i>LABORERS - ZONE 2</i>	06/01/2014	\$20.50	\$7.30	\$12.10	\$0.00	\$39.90
	12/01/2014	\$20.50	\$7.30	\$12.10	\$0.00	\$39.90
	06/01/2015	\$20.50	\$7.30	\$12.10	\$0.00	\$39.90
	12/01/2015	\$20.50	\$7.30	\$12.10	\$0.00	\$39.90
	06/01/2016	\$20.50	\$7.30	\$12.10	\$0.00	\$39.90
	12/01/2016	\$20.50	\$7.30	\$12.10	\$0.00	\$39.90

For apprentice rates see "Apprentice- LABORER"

FLOORCOVERER <i>FLOORCOVERERS LOCAL 2168 ZONE 1</i>	03/01/2014	\$39.87	\$9.80	\$16.96	\$0.00	\$66.63
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**Apprentice - FLOORCOVERER - Local 2168 Zone 1**

**Effective Date - 03/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$19.94	\$9.80	\$1.79	\$0.00	\$31.53
2	55	\$21.93	\$9.80	\$1.79	\$0.00	\$33.52
3	60	\$23.92	\$9.80	\$11.59	\$0.00	\$45.31
4	65	\$25.92	\$9.80	\$11.59	\$0.00	\$47.31
5	70	\$27.91	\$9.80	\$13.38	\$0.00	\$51.09
6	75	\$29.90	\$9.80	\$13.38	\$0.00	\$53.08
7	80	\$31.90	\$9.80	\$15.17	\$0.00	\$56.87
8	85	\$33.89	\$9.80	\$15.17	\$0.00	\$58.86

**Notes:**

Steps are 750 hrs.

**Apprentice to Journeyworker Ratio:1:1**

FORK LIFT/CHERRY PICKER <i>OPERATING ENGINEERS LOCAL 4</i>	12/01/2013	\$40.49	\$10.00	\$14.18	\$0.00	\$64.67
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For apprentice rates see "Apprentice- OPERATING ENGINEERS"

GENERATOR/LIGHTING PLANT/HEATERS <i>OPERATING ENGINEERS LOCAL 4</i>	12/01/2013	\$28.11	\$10.00	\$14.18	\$0.00	\$52.29
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For apprentice rates see "Apprentice- OPERATING ENGINEERS"

GLAZIER (GLASS PLANK/AIR BARRIER/INTERIOR SYSTEMS) <i>GLAZIERS LOCAL 35 (ZONE 2)</i>	07/01/2014	\$36.26	\$7.85	\$16.10	\$0.00	\$60.21
	01/01/2015	\$37.16	\$7.85	\$16.10	\$0.00	\$61.11
	07/01/2015	\$38.06	\$7.85	\$16.10	\$0.00	\$62.01
	01/01/2016	\$39.01	\$7.85	\$16.10	\$0.00	\$62.96
	07/01/2016	\$39.96	\$7.85	\$16.10	\$0.00	\$63.91
	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 - 07/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$18.13	\$7.85	\$0.00	\$0.00	\$25.98
2	55	\$19.94	\$7.85	\$3.66	\$0.00	\$31.45
3	60	\$21.76	\$7.85	\$3.99	\$0.00	\$33.60
4	65	\$23.57	\$7.85	\$4.32	\$0.00	\$35.74
5	70	\$25.38	\$7.85	\$14.11	\$0.00	\$47.34
6	75	\$27.20	\$7.85	\$14.44	\$0.00	\$49.49
7	80	\$29.01	\$7.85	\$14.77	\$0.00	\$51.63
8	90	\$32.63	\$7.85	\$15.44	\$0.00	\$55.92

**Effective Date - 01/01/2015**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$18.58	\$7.85	\$0.00	\$0.00	\$26.43
2	55	\$20.44	\$7.85	\$3.66	\$0.00	\$31.95
3	60	\$22.30	\$7.85	\$3.99	\$0.00	\$34.14
4	65	\$24.15	\$7.85	\$4.32	\$0.00	\$36.32
5	70	\$26.01	\$7.85	\$14.11	\$0.00	\$47.97
6	75	\$27.87	\$7.85	\$14.44	\$0.00	\$50.16
7	80	\$29.73	\$7.85	\$14.77	\$0.00	\$52.35
8	90	\$33.44	\$7.85	\$15.44	\$0.00	\$56.73

**Notes:**

Steps are 750 hrs.

**Apprentice to Journeyworker Ratio:1:1**

HOISTING ENGINEER/CRANES/GRADALLS OPERATING ENGINEERS LOCAL 4	12/01/2013	\$40.49	\$10.00	\$14.18	\$0.00	\$64.67
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**Classification**

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

**Apprentice - OPERATING ENGINEERS - Local 4**

**Effective Date - 12/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	55	\$22.27	\$10.00	\$0.00	\$0.00	\$32.27
2	60	\$24.29	\$10.00	\$14.18	\$0.00	\$48.47
3	65	\$26.32	\$10.00	\$14.18	\$0.00	\$50.50
4	70	\$28.34	\$10.00	\$14.18	\$0.00	\$52.52
5	75	\$30.37	\$10.00	\$14.18	\$0.00	\$54.55
6	80	\$32.39	\$10.00	\$14.18	\$0.00	\$56.57
7	85	\$34.42	\$10.00	\$14.18	\$0.00	\$58.60
8	90	\$36.44	\$10.00	\$14.18	\$0.00	\$60.62

**Notes:**

**Apprentice to Journeyworker Ratio:1:6**

HVAC (DUCTWORK) <i>SHEETMETAL WORKERS LOCAL 17 - A</i>	02/01/2014	\$42.76	\$9.82	\$19.74	\$2.17	\$74.49
	08/01/2014	\$43.61	\$9.82	\$19.74	\$2.17	\$75.34
	02/01/2015	\$44.51	\$9.82	\$19.74	\$2.17	\$76.24
	08/01/2015	\$45.51	\$9.82	\$19.74	\$2.17	\$77.24
	02/01/2016	\$46.51	\$9.82	\$19.74	\$2.17	\$78.24
	08/01/2016	\$47.66	\$9.82	\$19.74	\$2.17	\$79.39
	02/01/2017	\$48.76	\$9.82	\$19.74	\$2.17	\$80.49
	08/01/2017	\$49.86	\$9.82	\$19.74	\$2.17	\$81.59
	02/01/2018	\$51.01	\$9.82	\$19.74	\$2.17	\$82.74

For apprentice rates see "Apprentice- SHEET METAL WORKER"

HVAC (ELECTRICAL CONTROLS) <i>ELECTRICIANS LOCAL 103</i>	03/01/2014	\$44.45	\$13.00	\$14.68	\$0.00	\$72.13
	09/01/2014	\$45.12	\$13.00	\$14.70	\$0.00	\$72.82
	03/01/2015	\$45.84	\$13.00	\$14.72	\$0.00	\$73.56
	09/01/2015	\$46.80	\$13.00	\$14.75	\$0.00	\$74.55
	03/01/2016	\$47.75	\$13.00	\$14.78	\$0.00	\$75.53

For apprentice rates see "Apprentice- ELECTRICIAN"

HVAC (TESTING AND BALANCING - AIR) <i>SHEETMETAL WORKERS LOCAL 17 - A</i>	02/01/2014	\$42.76	\$9.82	\$19.74	\$2.17	\$74.49
	08/01/2014	\$43.61	\$9.82	\$19.74	\$2.17	\$75.34
	02/01/2015	\$44.51	\$9.82	\$19.74	\$2.17	\$76.24
	08/01/2015	\$45.51	\$9.82	\$19.74	\$2.17	\$77.24
	02/01/2016	\$46.51	\$9.82	\$19.74	\$2.17	\$78.24
	08/01/2016	\$47.66	\$9.82	\$19.74	\$2.17	\$79.39
	02/01/2017	\$48.76	\$9.82	\$19.74	\$2.17	\$80.49
	08/01/2017	\$49.86	\$9.82	\$19.74	\$2.17	\$81.59
	02/01/2018	\$51.01	\$9.82	\$19.74	\$2.17	\$82.74

For apprentice rates see "Apprentice- SHEET METAL WORKER"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
HVAC (TESTING AND BALANCING -WATER) <i>PIPEFITTERS LOCAL 537</i>	03/01/2014	\$48.19	\$9.20	\$16.14	\$0.00	\$73.53
	09/01/2014	\$49.19	\$9.20	\$16.14	\$0.00	\$74.53
	03/01/2015	\$50.19	\$9.20	\$16.14	\$0.00	\$75.53
	09/01/2015	\$51.19	\$9.20	\$16.14	\$0.00	\$76.53
	03/01/2016	\$52.19	\$9.20	\$16.14	\$0.00	\$77.53
	09/01/2016	\$53.19	\$9.20	\$16.14	\$0.00	\$78.53
	03/01/2017	\$54.19	\$9.20	\$16.14	\$0.00	\$79.53
For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"						
HVAC MECHANIC <i>PIPEFITTERS LOCAL 537</i>	03/01/2014	\$48.19	\$9.20	\$16.14	\$0.00	\$73.53
	09/01/2014	\$49.19	\$9.20	\$16.14	\$0.00	\$74.53
	03/01/2015	\$50.19	\$9.20	\$16.14	\$0.00	\$75.53
	09/01/2015	\$51.19	\$9.20	\$16.14	\$0.00	\$76.53
	03/01/2016	\$52.19	\$9.20	\$16.14	\$0.00	\$77.53
	09/01/2016	\$53.19	\$9.20	\$16.14	\$0.00	\$78.53
	03/01/2017	\$54.19	\$9.20	\$16.14	\$0.00	\$79.53
For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"						
HYDRAULIC DRILLS <i>LABORERS - ZONE 2</i>	06/01/2014	\$31.10	\$7.30	\$12.10	\$0.00	\$50.50
	12/01/2014	\$31.60	\$7.30	\$12.10	\$0.00	\$51.00
	06/01/2015	\$32.10	\$7.30	\$12.10	\$0.00	\$51.50
	12/01/2015	\$32.60	\$7.30	\$12.10	\$0.00	\$52.00
	06/01/2016	\$33.10	\$7.30	\$12.10	\$0.00	\$52.50
	12/01/2016	\$33.85	\$7.30	\$12.10	\$0.00	\$53.25
For apprentice rates see "Apprentice- LABORER"						
INSULATOR (PIPES & TANKS) <i>HEAT &amp; FROST INSULATORS LOCAL 6 (BOSTON)</i>	09/01/2013	\$42.11	\$10.95	\$12.10	\$0.00	\$65.16
	09/01/2014	\$44.11	\$10.95	\$12.10	\$0.00	\$67.16

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

**Effective Date - 09/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$21.06	\$10.95	\$9.00	\$0.00	\$41.01
2	60	\$25.27	\$10.95	\$9.62	\$0.00	\$45.84
3	70	\$29.48	\$10.95	\$10.24	\$0.00	\$50.67
4	80	\$33.69	\$10.95	\$10.86	\$0.00	\$55.50

**Effective Date - 09/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$22.06	\$10.95	\$9.00	\$0.00	\$42.01
2	60	\$26.47	\$10.95	\$9.62	\$0.00	\$47.04
3	70	\$30.88	\$10.95	\$10.24	\$0.00	\$52.07
4	80	\$35.29	\$10.95	\$10.86	\$0.00	\$57.10

**Notes:**

Steps are 1 year

**Apprentice to Journeyworker Ratio:1:4**

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
IRONWORKER/WELDER <i>IRONWORKERS LOCAL 7 (WORCESTER AREA)</i>	03/16/2014	\$40.89	\$7.70	\$19.25	\$0.00	\$67.84

**Apprentice - IRONWORKER - Local 7 Worcester**

**Effective Date - 03/16/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$24.53	\$7.70	\$19.25	\$0.00	\$51.48
2	70	\$28.62	\$7.70	\$19.25	\$0.00	\$55.57
3	75	\$30.67	\$7.70	\$19.25	\$0.00	\$57.62
4	80	\$32.71	\$7.70	\$19.25	\$0.00	\$59.66
5	85	\$34.76	\$7.70	\$19.25	\$0.00	\$61.71
6	90	\$36.80	\$7.70	\$19.25	\$0.00	\$63.75

**Notes:**

Structural 1:6; Ornamental 1:4

**Apprentice to Journeyworker Ratio:**

JACKHAMMER & PAVING BREAKER OPERATOR <i>LABORERS - ZONE 2</i>	06/01/2014	\$30.60	\$7.30	\$12.10	\$0.00	\$50.00
	12/01/2014	\$31.10	\$7.30	\$12.10	\$0.00	\$50.50
	06/01/2015	\$31.60	\$7.30	\$12.10	\$0.00	\$51.00
	12/01/2015	\$32.10	\$7.30	\$12.10	\$0.00	\$51.50
	06/01/2016	\$32.60	\$7.30	\$12.10	\$0.00	\$52.00
	12/01/2016	\$33.35	\$7.30	\$12.10	\$0.00	\$52.75

For apprentice rates see "Apprentice- LABORER"

LABORER <i>LABORERS - ZONE 2</i>	06/01/2014	\$30.35	\$7.30	\$12.10	\$0.00	\$49.75
	12/01/2014	\$30.85	\$7.30	\$12.10	\$0.00	\$50.25
	06/01/2015	\$31.35	\$7.30	\$12.10	\$0.00	\$50.75
	12/01/2015	\$31.85	\$7.30	\$12.10	\$0.00	\$51.25
	06/01/2016	\$32.35	\$7.30	\$12.10	\$0.00	\$51.75
	12/01/2016	\$33.10	\$7.30	\$12.10	\$0.00	\$52.50

**Classification**

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

**Apprentice - LABORER - Zone 2**

**Effective Date - 06/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$18.21	\$7.30	\$12.10	\$0.00	\$37.61
2	70	\$21.25	\$7.30	\$12.10	\$0.00	\$40.65
3	80	\$24.28	\$7.30	\$12.10	\$0.00	\$43.68
4	90	\$27.32	\$7.30	\$12.10	\$0.00	\$46.72

**Effective Date - 12/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$18.51	\$7.30	\$12.10	\$0.00	\$37.91
2	70	\$21.60	\$7.30	\$12.10	\$0.00	\$41.00
3	80	\$24.68	\$7.30	\$12.10	\$0.00	\$44.08
4	90	\$27.77	\$7.30	\$12.10	\$0.00	\$47.17

**Notes:**

**Apprentice to Journeyworker Ratio:1:5**

LABORER: CARPENTER TENDER LABORERS - ZONE 2	06/01/2014	\$30.35	\$7.30	\$12.10	\$0.00	\$49.75
	12/01/2014	\$30.85	\$7.30	\$12.10	\$0.00	\$50.25
	06/01/2015	\$31.35	\$7.30	\$12.10	\$0.00	\$50.75
	12/01/2015	\$31.85	\$7.30	\$12.10	\$0.00	\$51.25
	06/01/2016	\$32.35	\$7.30	\$12.10	\$0.00	\$51.75
	12/01/2016	\$33.10	\$7.30	\$12.10	\$0.00	\$52.50

For apprentice rates see "Apprentice- LABORER"

LABORER: CEMENT FINISHER TENDER LABORERS - ZONE 2	06/01/2014	\$30.35	\$7.30	\$12.10	\$0.00	\$49.75
	12/01/2014	\$30.85	\$7.30	\$12.10	\$0.00	\$50.25
	06/01/2015	\$31.35	\$7.30	\$12.10	\$0.00	\$50.75
	12/01/2015	\$31.85	\$7.30	\$12.10	\$0.00	\$51.25
	06/01/2016	\$32.35	\$7.30	\$12.10	\$0.00	\$51.75
	12/01/2016	\$33.10	\$7.30	\$12.10	\$0.00	\$52.50

For apprentice rates see "Apprentice- LABORER"

LABORER: HAZARDOUS WASTE/ASBESTOS REMOVER LABORERS - ZONE 2	06/01/2014	\$30.55	\$7.30	\$12.05	\$0.00	\$49.90
	12/01/2014	\$31.05	\$7.30	\$12.05	\$0.00	\$50.40
	06/01/2015	\$31.55	\$7.30	\$12.05	\$0.00	\$50.90
	12/01/2015	\$32.05	\$7.30	\$12.05	\$0.00	\$51.40

For apprentice rates see "Apprentice- LABORER"

LABORER: MASON TENDER LABORERS - ZONE 2	06/01/2014	\$30.60	\$7.30	\$12.10	\$0.00	\$50.00
	12/01/2014	\$31.10	\$7.30	\$12.10	\$0.00	\$50.50
	06/01/2015	\$31.60	\$7.30	\$12.10	\$0.00	\$51.00
	12/01/2015	\$32.10	\$7.30	\$12.10	\$0.00	\$51.50
	06/01/2016	\$32.60	\$7.30	\$12.10	\$0.00	\$52.00
	12/01/2016	\$33.35	\$7.30	\$12.10	\$0.00	\$52.75

For apprentice rates see "Apprentice- LABORER"

<b>Classification</b>	<b>Effective Date</b>	<b>Base Wage</b>	<b>Health</b>	<b>Pension</b>	<b>Supplemental Unemployment</b>	<b>Total Rate</b>
LABORER: MULTI-TRADE TENDER <i>LABORERS - ZONE 2</i>	06/01/2014	\$30.35	\$7.30	\$12.10	\$0.00	\$49.75
	12/01/2014	\$30.85	\$7.30	\$12.10	\$0.00	\$50.25
	06/01/2015	\$31.35	\$7.30	\$12.10	\$0.00	\$50.75
	12/01/2015	\$31.85	\$7.30	\$12.10	\$0.00	\$51.25
	06/01/2016	\$32.35	\$7.30	\$12.10	\$0.00	\$51.75
	12/01/2016	\$33.10	\$7.30	\$12.10	\$0.00	\$52.50
	For apprentice rates see "Apprentice- LABORER"					
LABORER: TREE REMOVER <i>LABORERS - ZONE 2</i>	06/01/2014	\$30.35	\$7.30	\$12.10	\$0.00	\$49.75
	12/01/2014	\$30.85	\$7.30	\$12.10	\$0.00	\$50.25
	06/01/2015	\$31.35	\$7.30	\$12.10	\$0.00	\$50.75
	12/01/2015	\$31.85	\$7.30	\$12.10	\$0.00	\$51.25
	06/01/2016	\$32.35	\$7.30	\$12.10	\$0.00	\$51.75
	12/01/2016	\$33.10	\$7.30	\$12.10	\$0.00	\$52.50
	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 2</i>	06/01/2014	\$30.60	\$7.30	\$12.10	\$0.00	\$50.00
	12/01/2014	\$31.10	\$7.30	\$12.10	\$0.00	\$50.50
	06/01/2015	\$31.60	\$7.30	\$12.10	\$0.00	\$51.00
	12/01/2015	\$32.10	\$7.30	\$12.10	\$0.00	\$51.50
	06/01/2016	\$32.60	\$7.30	\$12.10	\$0.00	\$52.00
	12/01/2016	\$33.35	\$7.30	\$12.10	\$0.00	\$52.75
	For apprentice rates see "Apprentice- LABORER"					
MARBLE & TILE FINISHERS <i>BRICKLAYERS LOCAL 3 - MARBLE &amp; TILE</i>	02/01/2014	\$36.66	\$10.18	\$16.83	\$0.00	\$63.67
	08/01/2014	\$37.37	\$10.18	\$16.90	\$0.00	\$64.45
	02/01/2015	\$37.82	\$10.18	\$16.90	\$0.00	\$64.90
	08/01/2015	\$38.53	\$10.18	\$16.97	\$0.00	\$65.68
	02/01/2016	\$38.98	\$10.18	\$16.97	\$0.00	\$66.13
	08/01/2016	\$39.68	\$10.18	\$17.05	\$0.00	\$66.91
	02/01/2017	\$40.14	\$10.18	\$17.05	\$0.00	\$67.37

**Classification**

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

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

**Effective Date - 02/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$18.33	\$10.18	\$16.83	\$0.00	\$45.34
2	60	\$22.00	\$10.18	\$16.83	\$0.00	\$49.01
3	70	\$25.66	\$10.18	\$16.83	\$0.00	\$52.67
4	80	\$29.33	\$10.18	\$16.83	\$0.00	\$56.34
5	90	\$32.99	\$10.18	\$16.83	\$0.00	\$60.00

**Effective Date - 08/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$18.69	\$10.18	\$16.90	\$0.00	\$45.77
2	60	\$22.42	\$10.18	\$16.90	\$0.00	\$49.50
3	70	\$26.16	\$10.18	\$16.90	\$0.00	\$53.24
4	80	\$29.90	\$10.18	\$16.90	\$0.00	\$56.98
5	90	\$33.63	\$10.18	\$16.90	\$0.00	\$60.71

**Notes:**

**Apprentice to Journeyworker Ratio:1:3**

MARBLE MASONS, TILELAYERS & TERRAZZO MECH	02/01/2014	\$48.10	\$10.18	\$18.15	\$0.00	\$76.43
BRICKLAYERS LOCAL 3 - MARBLE & TILE	08/01/2014	\$49.00	\$10.18	\$18.22	\$0.00	\$77.40
	02/01/2015	\$49.56	\$10.18	\$18.22	\$0.00	\$77.96
	08/01/2015	\$50.46	\$10.18	\$18.29	\$0.00	\$78.93
	02/01/2016	\$51.03	\$10.18	\$18.29	\$0.00	\$79.50
	08/01/2016	\$51.93	\$10.18	\$18.37	\$0.00	\$80.48
	02/01/2017	\$52.50	\$10.18	\$18.37	\$0.00	\$81.05

**Classification**

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

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

**Effective Date - 02/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$24.05	\$10.18	\$18.15	\$0.00	\$52.38
2	60	\$28.86	\$10.18	\$18.15	\$0.00	\$57.19
3	70	\$33.67	\$10.18	\$18.15	\$0.00	\$62.00
4	80	\$38.48	\$10.18	\$18.15	\$0.00	\$66.81
5	90	\$43.29	\$10.18	\$18.15	\$0.00	\$71.62

**Effective Date - 08/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$24.50	\$10.18	\$18.22	\$0.00	\$52.90
2	60	\$29.40	\$10.18	\$18.22	\$0.00	\$57.80
3	70	\$34.30	\$10.18	\$18.22	\$0.00	\$62.70
4	80	\$39.20	\$10.18	\$18.22	\$0.00	\$67.60
5	90	\$44.10	\$10.18	\$18.22	\$0.00	\$72.50

**Notes:**

**Apprentice to Journeyworker Ratio:1:5**

MECH. SWEEPER OPERATOR (ON CONST. SITES) OPERATING ENGINEERS LOCAL 4	12/01/2013	\$40.11	\$10.00	\$14.18	\$0.00	\$64.29
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For apprentice rates see "Apprentice- OPERATING ENGINEERS"

MECHANICS MAINTENANCE OPERATING ENGINEERS LOCAL 4	12/01/2013	\$40.11	\$10.00	\$14.18	\$0.00	\$64.29
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For apprentice rates see "Apprentice- OPERATING ENGINEERS"

MILLWRIGHT (Zone 2) MILLWRIGHTS LOCAL 1121 - Zone 2	04/01/2014	\$33.16	\$9.80	\$16.21	\$0.00	\$59.17
	10/01/2014	\$33.92	\$9.80	\$16.21	\$0.00	\$59.93
	04/01/2015	\$34.69	\$9.80	\$16.21	\$0.00	\$60.70

**Classification**

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

**Apprentice - MILLWRIGHT - Local 1121 Zone 2**

**Effective Date - 04/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	55	\$18.24	\$9.80	\$4.48	\$0.00	\$32.52
2	65	\$21.55	\$9.80	\$13.36	\$0.00	\$44.71
3	75	\$24.87	\$9.80	\$14.18	\$0.00	\$48.85
4	85	\$28.19	\$9.80	\$14.99	\$0.00	\$52.98

**Effective Date - 10/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	55	\$18.66	\$9.80	\$4.48	\$0.00	\$32.94
2	65	\$22.05	\$9.80	\$13.36	\$0.00	\$45.21
3	75	\$25.44	\$9.80	\$14.18	\$0.00	\$49.42
4	85	\$28.83	\$9.80	\$14.99	\$0.00	\$53.62

**Notes:**

Steps are 2,000 hours

**Apprentice to Journeyworker Ratio:1:5**

MORTAR MIXER LABORERS - ZONE 2	06/01/2014	\$30.60	\$7.30	\$12.10	\$0.00	\$50.00
	12/01/2014	\$31.10	\$7.30	\$12.10	\$0.00	\$50.50
	06/01/2015	\$31.60	\$7.30	\$12.10	\$0.00	\$51.00
	12/01/2015	\$32.10	\$7.30	\$12.10	\$0.00	\$51.50
	06/01/2016	\$32.60	\$7.30	\$12.10	\$0.00	\$52.00
	12/01/2016	\$33.35	\$7.30	\$12.10	\$0.00	\$52.75

For apprentice rates see "Apprentice- LABORER"

OILER (OTHER THAN TRUCK CRANES,GRADALLS) OPERATING ENGINEERS LOCAL 4	12/01/2013	\$20.96	\$10.00	\$14.18	\$0.00	\$45.14
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For apprentice rates see "Apprentice- OPERATING ENGINEERS"

OILER (TRUCK CRANES, GRADALLS) OPERATING ENGINEERS LOCAL 4	12/01/2013	\$24.43	\$10.00	\$14.18	\$0.00	\$48.61
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For apprentice rates see "Apprentice- OPERATING ENGINEERS"

OTHER POWER DRIVEN EQUIPMENT - CLASS II OPERATING ENGINEERS LOCAL 4	12/01/2013	\$40.11	\$10.00	\$14.18	\$0.00	\$64.29
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For apprentice rates see "Apprentice- OPERATING ENGINEERS"

Painter (BRIDGES/TANKS) PAINTERS LOCAL 35 - ZONE 2	07/01/2014	\$46.76	\$7.85	\$16.10	\$0.00	\$70.71
	01/01/2015	\$47.66	\$7.85	\$16.10	\$0.00	\$71.61
	07/01/2015	\$48.56	\$7.85	\$16.10	\$0.00	\$72.51
	01/01/2016	\$49.51	\$7.85	\$16.10	\$0.00	\$73.46
	07/01/2016	\$50.46	\$7.85	\$16.10	\$0.00	\$74.41
	01/01/2017	\$51.41	\$7.85	\$16.10	\$0.00	\$75.36

**Apprentice - PAINTER Local 35 - BRIDGES/TANKS**

**Effective Date - 07/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$23.38	\$7.85	\$0.00	\$0.00	\$31.23
2	55	\$25.72	\$7.85	\$3.66	\$0.00	\$37.23
3	60	\$28.06	\$7.85	\$3.99	\$0.00	\$39.90
4	65	\$30.39	\$7.85	\$4.32	\$0.00	\$42.56
5	70	\$32.73	\$7.85	\$14.11	\$0.00	\$54.69
6	75	\$35.07	\$7.85	\$14.44	\$0.00	\$57.36
7	80	\$37.41	\$7.85	\$14.77	\$0.00	\$60.03
8	90	\$42.08	\$7.85	\$15.44	\$0.00	\$65.37

**Effective Date - 01/01/2015**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$23.83	\$7.85	\$0.00	\$0.00	\$31.68
2	55	\$26.21	\$7.85	\$3.66	\$0.00	\$37.72
3	60	\$28.60	\$7.85	\$3.99	\$0.00	\$40.44
4	65	\$30.98	\$7.85	\$4.32	\$0.00	\$43.15
5	70	\$33.36	\$7.85	\$14.11	\$0.00	\$55.32
6	75	\$35.75	\$7.85	\$14.44	\$0.00	\$58.04
7	80	\$38.13	\$7.85	\$14.77	\$0.00	\$60.75
8	90	\$42.89	\$7.85	\$15.44	\$0.00	\$66.18

**Notes:**

Steps are 750 hrs.

**Apprentice to Journeyworker Ratio:1:1**

PAINTER (SPRAY OR SANDBLAST, NEW) *	07/01/2014	\$37.66	\$7.85	\$16.10	\$0.00	\$61.61
* If 30% or more of surfaces to be painted are new construction, NEW paint rate shall be used. PAINTERS LOCAL 35 - ZONE 2	01/01/2015	\$38.56	\$7.85	\$16.10	\$0.00	\$62.51
	07/01/2015	\$39.46	\$7.85	\$16.10	\$0.00	\$63.41
	01/01/2016	\$40.41	\$7.85	\$16.10	\$0.00	\$64.36
	07/01/2016	\$41.36	\$7.85	\$16.10	\$0.00	\$65.31
	01/01/2017	\$42.31	\$7.85	\$16.10	\$0.00	\$66.26

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

**Effective Date - 07/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$18.83	\$7.85	\$0.00	\$0.00	\$26.68
2	55	\$20.71	\$7.85	\$3.66	\$0.00	\$32.22
3	60	\$22.60	\$7.85	\$3.99	\$0.00	\$34.44
4	65	\$24.48	\$7.85	\$4.32	\$0.00	\$36.65
5	70	\$26.36	\$7.85	\$14.11	\$0.00	\$48.32
6	75	\$28.25	\$7.85	\$14.44	\$0.00	\$50.54
7	80	\$30.13	\$7.85	\$14.77	\$0.00	\$52.75
8	90	\$33.89	\$7.85	\$15.44	\$0.00	\$57.18

**Effective Date - 01/01/2015**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$19.28	\$7.85	\$0.00	\$0.00	\$27.13
2	55	\$21.21	\$7.85	\$3.66	\$0.00	\$32.72
3	60	\$23.14	\$7.85	\$3.99	\$0.00	\$34.98
4	65	\$25.06	\$7.85	\$4.32	\$0.00	\$37.23
5	70	\$26.99	\$7.85	\$14.11	\$0.00	\$48.95
6	75	\$28.92	\$7.85	\$14.44	\$0.00	\$51.21
7	80	\$30.85	\$7.85	\$14.77	\$0.00	\$53.47
8	90	\$34.70	\$7.85	\$15.44	\$0.00	\$57.99

**Notes:**

Steps are 750 hrs.

**Apprentice to Journeyworker Ratio:1:1**

PAINTER (SPRAY OR SANDBLAST, REPAINT)	07/01/2014	\$35.72	\$7.85	\$16.10	\$0.00	\$59.67
PAINTERS LOCAL 35 - ZONE 2	01/01/2015	\$36.62	\$7.85	\$16.10	\$0.00	\$60.57
	07/01/2015	\$37.52	\$7.85	\$16.10	\$0.00	\$61.47
	01/01/2016	\$38.47	\$7.85	\$16.10	\$0.00	\$62.42
	07/01/2016	\$39.42	\$7.85	\$16.10	\$0.00	\$63.37
	01/01/2017	\$40.37	\$7.85	\$16.10	\$0.00	\$64.32

**Classification**

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

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

**Effective Date - 07/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$17.86	\$7.85	\$0.00	\$0.00	\$25.71
2	55	\$19.65	\$7.85	\$3.66	\$0.00	\$31.16
3	60	\$21.43	\$7.85	\$3.99	\$0.00	\$33.27
4	65	\$23.22	\$7.85	\$4.32	\$0.00	\$35.39
5	70	\$25.00	\$7.85	\$14.11	\$0.00	\$46.96
6	75	\$26.79	\$7.85	\$14.44	\$0.00	\$49.08
7	80	\$28.58	\$7.85	\$14.77	\$0.00	\$51.20
8	90	\$32.15	\$7.85	\$15.44	\$0.00	\$55.44

**Effective Date - 01/01/2015**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$18.31	\$7.85	\$0.00	\$0.00	\$26.16
2	55	\$20.14	\$7.85	\$3.66	\$0.00	\$31.65
3	60	\$21.97	\$7.85	\$3.99	\$0.00	\$33.81
4	65	\$23.80	\$7.85	\$4.32	\$0.00	\$35.97
5	70	\$25.63	\$7.85	\$14.11	\$0.00	\$47.59
6	75	\$27.47	\$7.85	\$14.44	\$0.00	\$49.76
7	80	\$29.30	\$7.85	\$14.77	\$0.00	\$51.92
8	90	\$32.96	\$7.85	\$15.44	\$0.00	\$56.25

**Notes:**

Steps are 750 hrs.

**Apprentice to Journeyworker Ratio:1:1**

PAINTER (TRAFFIC MARKINGS)	06/01/2014	\$30.35	\$7.30	\$12.10	\$0.00	\$49.75
LABORERS - ZONE 2	12/01/2014	\$30.85	\$7.30	\$12.10	\$0.00	\$50.25
	06/01/2015	\$31.35	\$7.30	\$12.10	\$0.00	\$50.75
	12/01/2015	\$31.85	\$7.30	\$12.10	\$0.00	\$51.25
	06/01/2016	\$32.35	\$7.30	\$12.10	\$0.00	\$51.75
	12/01/2016	\$33.10	\$7.30	\$12.10	\$0.00	\$52.50

For Apprentices rates see "Apprentice- LABORER"

PAINTER / TAPER (BRUSH, NEW) *	07/01/2014	\$36.26	\$7.85	\$16.10	\$0.00	\$60.21
* If 30% or more of surfaces to be painted are new construction, NEW paint rate shall be used. PAINTERS LOCAL 35 - ZONE 2	01/01/2015	\$37.16	\$7.85	\$16.10	\$0.00	\$61.11
	07/01/2015	\$38.06	\$7.85	\$16.10	\$0.00	\$62.01
	01/01/2016	\$39.01	\$7.85	\$16.10	\$0.00	\$62.96
	07/01/2016	\$39.96	\$7.85	\$16.10	\$0.00	\$63.91
	01/01/2017	\$40.91	\$7.85	\$16.10	\$0.00	\$64.86

**Apprentice - PAINTER - Local 35 Zone 2 - BRUSH NEW**

**Effective Date - 07/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$18.13	\$7.85	\$0.00	\$0.00	\$25.98
2	55	\$19.94	\$7.85	\$3.66	\$0.00	\$31.45
3	60	\$21.76	\$7.85	\$3.99	\$0.00	\$33.60
4	65	\$23.57	\$7.85	\$4.32	\$0.00	\$35.74
5	70	\$25.38	\$7.85	\$14.11	\$0.00	\$47.34
6	75	\$27.20	\$7.85	\$14.44	\$0.00	\$49.49
7	80	\$29.01	\$7.85	\$14.77	\$0.00	\$51.63
8	90	\$32.63	\$7.85	\$15.44	\$0.00	\$55.92

**Effective Date - 01/01/2015**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$18.58	\$7.85	\$0.00	\$0.00	\$26.43
2	55	\$20.44	\$7.85	\$3.66	\$0.00	\$31.95
3	60	\$22.30	\$7.85	\$3.99	\$0.00	\$34.14
4	65	\$24.15	\$7.85	\$4.32	\$0.00	\$36.32
5	70	\$26.01	\$7.85	\$14.11	\$0.00	\$47.97
6	75	\$27.87	\$7.85	\$14.44	\$0.00	\$50.16
7	80	\$29.73	\$7.85	\$14.77	\$0.00	\$52.35
8	90	\$33.44	\$7.85	\$15.44	\$0.00	\$56.73

**Notes:**

Steps are 750 hrs.

**Apprentice to Journeyworker Ratio:1:1**

PAINTER / TAPER (BRUSH, REPAINT)	07/01/2014	\$34.32	\$7.85	\$16.10	\$0.00	\$58.27
PAINTERS LOCAL 35 - ZONE 2	01/01/2015	\$35.22	\$7.85	\$16.10	\$0.00	\$59.17
	07/01/2015	\$36.12	\$7.85	\$16.10	\$0.00	\$60.07
	01/01/2016	\$37.07	\$7.85	\$16.10	\$0.00	\$61.02
	07/01/2016	\$38.02	\$7.85	\$16.10	\$0.00	\$61.97
	01/01/2017	\$38.97	\$7.85	\$16.10	\$0.00	\$62.92

**Classification**

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

**Apprentice - PAINTER Local 35 Zone 2 - BRUSH REPAINT**

**Effective Date - 07/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$17.16	\$7.85	\$0.00	\$0.00	\$25.01
2	55	\$18.88	\$7.85	\$3.66	\$0.00	\$30.39
3	60	\$20.59	\$7.85	\$3.99	\$0.00	\$32.43
4	65	\$22.31	\$7.85	\$4.32	\$0.00	\$34.48
5	70	\$24.02	\$7.85	\$14.11	\$0.00	\$45.98
6	75	\$25.74	\$7.85	\$14.44	\$0.00	\$48.03
7	80	\$27.46	\$7.85	\$14.77	\$0.00	\$50.08
8	90	\$30.89	\$7.85	\$15.44	\$0.00	\$54.18

**Effective Date - 01/01/2015**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$17.61	\$7.85	\$0.00	\$0.00	\$25.46
2	55	\$19.37	\$7.85	\$3.66	\$0.00	\$30.88
3	60	\$21.13	\$7.85	\$3.99	\$0.00	\$32.97
4	65	\$22.89	\$7.85	\$4.32	\$0.00	\$35.06
5	70	\$24.65	\$7.85	\$14.11	\$0.00	\$46.61
6	75	\$26.42	\$7.85	\$14.44	\$0.00	\$48.71
7	80	\$28.18	\$7.85	\$14.77	\$0.00	\$50.80
8	90	\$31.70	\$7.85	\$15.44	\$0.00	\$54.99

**Notes:**

Steps are 750 hrs.

**Apprentice to Journeyworker Ratio:1:1**

PANEL & PICKUP TRUCKS DRIVER <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	12/01/2012	\$30.28	\$9.07	\$8.00	\$0.00	\$47.35
PIER AND DOCK CONSTRUCTOR (UNDERPINNING AND DECK) <i>PILE DRIVER LOCAL 56 (ZONE 1)</i>	08/01/2013	\$40.10	\$9.80	\$18.17	\$0.00	\$68.07
	08/01/2014	\$41.60	\$9.80	\$18.17	\$0.00	\$69.57
	08/01/2015	\$43.10	\$9.80	\$18.17	\$0.00	\$71.07
PILE DRIVER <i>PILE DRIVER LOCAL 56 (ZONE 1)</i>	08/01/2013	\$40.10	\$9.80	\$18.17	\$0.00	\$68.07
	08/01/2014	\$41.60	\$9.80	\$18.17	\$0.00	\$69.57
	08/01/2015	\$43.10	\$9.80	\$18.17	\$0.00	\$71.07

**Apprentice - PILE DRIVER - Local 56 Zone 1**

**Effective Date - 08/01/2013**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$20.05	\$9.80	\$18.17	\$0.00	\$48.02
2	60	\$24.06	\$9.80	\$18.17	\$0.00	\$52.03
3	70	\$28.07	\$9.80	\$18.17	\$0.00	\$56.04
4	75	\$30.08	\$9.80	\$18.17	\$0.00	\$58.05
5	80	\$32.08	\$9.80	\$18.17	\$0.00	\$60.05
6	80	\$32.08	\$9.80	\$18.17	\$0.00	\$60.05
7	90	\$36.09	\$9.80	\$18.17	\$0.00	\$64.06
8	90	\$36.09	\$9.80	\$18.17	\$0.00	\$64.06

**Effective Date - 08/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$20.80	\$9.80	\$18.17	\$0.00	\$48.77
2	60	\$24.96	\$9.80	\$18.17	\$0.00	\$52.93
3	70	\$29.12	\$9.80	\$18.17	\$0.00	\$57.09
4	75	\$31.20	\$9.80	\$18.17	\$0.00	\$59.17
5	80	\$33.28	\$9.80	\$18.17	\$0.00	\$61.25
6	80	\$33.28	\$9.80	\$18.17	\$0.00	\$61.25
7	90	\$37.44	\$9.80	\$18.17	\$0.00	\$65.41
8	90	\$37.44	\$9.80	\$18.17	\$0.00	\$65.41

**Notes:**

**Apprentice to Journeyworker Ratio:1:3**

PIPEFITTER & STEAMFITTER	03/01/2014	\$48.19	\$9.20	\$16.14	\$0.00	\$73.53
PIPEFITTERS LOCAL 537	09/01/2014	\$49.19	\$9.20	\$16.14	\$0.00	\$74.53
	03/01/2015	\$50.19	\$9.20	\$16.14	\$0.00	\$75.53
	09/01/2015	\$51.19	\$9.20	\$16.14	\$0.00	\$76.53
	03/01/2016	\$52.19	\$9.20	\$16.14	\$0.00	\$77.53
	09/01/2016	\$53.19	\$9.20	\$16.14	\$0.00	\$78.53
	03/01/2017	\$54.19	\$9.20	\$16.14	\$0.00	\$79.53

**Classification**

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

**Apprentice - PIPEFITTER - Local 537**

**Effective Date - 03/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$19.28	\$9.20	\$7.00	\$0.00	\$35.48
2	45	\$21.69	\$9.20	\$16.14	\$0.00	\$47.03
3	60	\$28.91	\$9.20	\$16.14	\$0.00	\$54.25
4	70	\$33.73	\$9.20	\$16.14	\$0.00	\$59.07
5	80	\$38.55	\$9.20	\$16.14	\$0.00	\$63.89

**Effective Date - 09/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$19.68	\$9.20	\$7.00	\$0.00	\$35.88
2	45	\$22.14	\$9.20	\$16.14	\$0.00	\$47.48
3	60	\$29.51	\$9.20	\$16.14	\$0.00	\$54.85
4	70	\$34.43	\$9.20	\$16.14	\$0.00	\$59.77
5	80	\$39.35	\$9.20	\$16.14	\$0.00	\$64.69

**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	06/01/2014	\$30.60	\$7.30	\$12.10	\$0.00	\$50.00
LABORERS - ZONE 2	12/01/2014	\$31.10	\$7.30	\$12.10	\$0.00	\$50.50
	06/01/2015	\$31.60	\$7.30	\$12.10	\$0.00	\$51.00
	12/01/2015	\$32.10	\$7.30	\$12.10	\$0.00	\$51.50
	06/01/2016	\$32.60	\$7.30	\$12.10	\$0.00	\$52.00
	12/01/2016	\$33.35	\$7.30	\$12.10	\$0.00	\$52.75

For apprentice rates see "Apprentice- LABORER"

PLUMBERS & GASFITTERS	03/01/2014	\$49.41	\$9.82	\$14.29	\$0.00	\$73.52
PLUMBERS & GASFITTERS LOCAL 12	09/01/2014	\$50.41	\$9.82	\$14.29	\$0.00	\$74.52
	03/01/2015	\$51.41	\$9.82	\$14.29	\$0.00	\$75.52
	09/01/2015	\$52.41	\$9.82	\$14.29	\$0.00	\$76.52
	03/01/2016	\$53.56	\$9.82	\$14.29	\$0.00	\$77.67
	09/01/2016	\$54.61	\$9.82	\$14.29	\$0.00	\$78.72
	03/01/2017	\$55.61	\$9.82	\$14.29	\$0.00	\$79.72

**Classification**

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

**Apprentice - PLUMBER/GASFITTER - Local 12**

**Effective Date - 03/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	35	\$17.29	\$9.82	\$5.33	\$0.00	\$32.44
2	40	\$19.76	\$9.82	\$6.02	\$0.00	\$35.60
3	55	\$27.18	\$9.82	\$8.08	\$0.00	\$45.08
4	65	\$32.12	\$9.82	\$9.47	\$0.00	\$51.41
5	75	\$37.06	\$9.82	\$10.85	\$0.00	\$57.73

**Effective Date - 09/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	35	\$17.64	\$9.82	\$5.33	\$0.00	\$32.79
2	40	\$20.16	\$9.82	\$6.02	\$0.00	\$36.00
3	55	\$27.73	\$9.82	\$8.08	\$0.00	\$45.63
4	65	\$32.77	\$9.82	\$9.47	\$0.00	\$52.06
5	75	\$37.81	\$9.82	\$10.85	\$0.00	\$58.48

**Notes:**

\*\* 1:2; 2:6; 3:10; 4:14; 5:19/Steps are 1 yr  
Step4 with lic\$54.58 Step5 with lic\$60.90

**Apprentice to Journeyworker Ratio:\*\***

PNEUMATIC CONTROLS (TEMP.) PIPEFITTERS LOCAL 537	03/01/2014	\$48.19	\$9.20	\$16.14	\$0.00	\$73.53
	09/01/2014	\$49.19	\$9.20	\$16.14	\$0.00	\$74.53
	03/01/2015	\$50.19	\$9.20	\$16.14	\$0.00	\$75.53
	09/01/2015	\$51.19	\$9.20	\$16.14	\$0.00	\$76.53
	03/01/2016	\$52.19	\$9.20	\$16.14	\$0.00	\$77.53
	09/01/2016	\$53.19	\$9.20	\$16.14	\$0.00	\$78.53
	03/01/2017	\$54.19	\$9.20	\$16.14	\$0.00	\$79.53

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

PNEUMATIC DRILL/TOOL OPERATOR LABORERS - ZONE 2	06/01/2014	\$30.60	\$7.30	\$12.10	\$0.00	\$50.00
	12/01/2014	\$31.10	\$7.30	\$12.10	\$0.00	\$50.50
	06/01/2015	\$31.60	\$7.30	\$12.10	\$0.00	\$51.00
	12/01/2015	\$32.10	\$7.30	\$12.10	\$0.00	\$51.50
	06/01/2016	\$32.60	\$7.30	\$12.10	\$0.00	\$52.00
	12/01/2016	\$33.35	\$7.30	\$12.10	\$0.00	\$52.75

For apprentice rates see "Apprentice- LABORER"

POWDERMAN & BLASTER LABORERS - ZONE 2	06/01/2014	\$31.35	\$7.30	\$12.10	\$0.00	\$50.75
	12/01/2014	\$31.85	\$7.30	\$12.10	\$0.00	\$51.25
	06/01/2015	\$32.35	\$7.30	\$12.10	\$0.00	\$51.75
	12/01/2015	\$32.85	\$7.30	\$12.10	\$0.00	\$52.25
	06/01/2016	\$33.35	\$7.30	\$12.10	\$0.00	\$52.75
	12/01/2016	\$34.10	\$7.30	\$12.10	\$0.00	\$53.50

For apprentice rates see "Apprentice- LABORER"

POWER SHOVEL/DERRICK/TRENCHING MACHINE OPERATING ENGINEERS LOCAL 4	12/01/2013	\$40.49	\$10.00	\$14.18	\$0.00	\$64.67
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For apprentice rates see "Apprentice- OPERATING ENGINEERS"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
PUMP OPERATOR (CONCRETE) <i>OPERATING ENGINEERS LOCAL 4</i>	12/01/2013	\$40.49	\$10.00	\$14.18	\$0.00	\$64.67
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
PUMP OPERATOR (DEWATERING, OTHER) <i>OPERATING ENGINEERS LOCAL 4</i>	12/01/2013	\$28.11	\$10.00	\$14.18	\$0.00	\$52.29
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
READY-MIX CONCRETE DRIVER <i>TEAMSTERS LOCAL 170</i>	05/01/2010	\$22.04	\$6.50	\$5.44	\$0.00	\$33.98
RECLAIMERS <i>OPERATING ENGINEERS LOCAL 4</i>	12/01/2013	\$40.11	\$10.00	\$14.18	\$0.00	\$64.29
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
RESIDENTIAL WOOD FRAME (All Other Work) <i>CARPENTERS -ZONE 2 (Residential Wood)</i>	04/01/2011	\$24.24	\$8.67	\$15.51	\$0.00	\$48.42
RESIDENTIAL WOOD FRAME CARPENTER ** ** 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. <i>CARPENTERS -ZONE 2 (Residential Wood)</i>	05/01/2011	\$24.24	\$6.34	\$6.23	\$0.00	\$36.81
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 - 05/01/2011**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$14.54	\$6.34	\$0.00	\$0.00	\$20.88
2	60	\$14.54	\$6.34	\$6.23	\$0.00	\$27.11
3	65	\$15.76	\$6.34	\$6.23	\$0.00	\$28.33
4	70	\$16.97	\$6.34	\$6.23	\$0.00	\$29.54
5	75	\$18.18	\$6.34	\$6.23	\$0.00	\$30.75
6	80	\$19.39	\$6.34	\$6.23	\$0.00	\$31.96
7	85	\$20.60	\$6.34	\$6.23	\$0.00	\$33.17
8	90	\$21.82	\$6.34	\$6.23	\$0.00	\$34.39

**Notes:**

**Apprentice to Journeyworker Ratio:1:5**

RIDE-ON MOTORIZED BUGGY OPERATOR <i>LABORERS - ZONE 2</i>	06/01/2014	\$30.60	\$7.30	\$12.10	\$0.00	\$50.00
	12/01/2014	\$31.10	\$7.30	\$12.10	\$0.00	\$50.50
	06/01/2015	\$31.60	\$7.30	\$12.10	\$0.00	\$51.00
	12/01/2015	\$32.10	\$7.30	\$12.10	\$0.00	\$51.50
	06/01/2016	\$32.60	\$7.30	\$12.10	\$0.00	\$52.00
	12/01/2016	\$33.35	\$7.30	\$12.10	\$0.00	\$52.75
For apprentice rates see "Apprentice- LABORER"						
ROLLER/SPREADER/MULCHING MACHINE <i>OPERATING ENGINEERS LOCAL 4</i>	12/01/2013	\$40.11	\$10.00	\$14.18	\$0.00	\$64.29
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
ROOFER (Inc.Roofing Waterproofing &Roofing Damproofg) ROOFERS LOCAL 33	02/01/2014	\$39.21	\$10.50	\$10.70	\$0.00	\$60.41
	08/01/2014	\$39.21	\$10.50	\$11.60	\$0.00	\$61.31
	02/01/2015	\$40.11	\$10.50	\$11.60	\$0.00	\$62.21
	08/01/2015	\$41.01	\$10.50	\$11.60	\$0.00	\$63.11
	02/01/2016	\$41.91	\$10.50	\$11.60	\$0.00	\$64.01

**Apprentice - ROOFER - Local 33**

**Effective Date - 02/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$19.61	\$10.50	\$3.38	\$0.00	\$33.49
2	60	\$23.53	\$10.50	\$10.70	\$0.00	\$44.73
3	65	\$25.49	\$10.50	\$10.70	\$0.00	\$46.69
4	75	\$29.41	\$10.50	\$10.70	\$0.00	\$50.61
5	85	\$33.33	\$10.50	\$10.70	\$0.00	\$54.53

**Effective Date - 08/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$19.61	\$10.50	\$3.38	\$0.00	\$33.49
2	60	\$23.53	\$10.50	\$11.60	\$0.00	\$45.63
3	65	\$25.49	\$10.50	\$11.60	\$0.00	\$47.59
4	75	\$29.41	\$10.50	\$11.60	\$0.00	\$51.51
5	85	\$33.33	\$10.50	\$11.60	\$0.00	\$55.43

**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.

**Apprentice to Journeyworker Ratio:\*\***

ROOFER SLATE / TILE / PRECAST CONCRETE ROOFERS LOCAL 33	02/01/2014	\$39.46	\$10.50	\$10.70	\$0.00	\$60.66
	08/01/2014	\$39.46	\$10.50	\$11.60	\$0.00	\$61.56
	02/01/2015	\$40.36	\$10.50	\$11.60	\$0.00	\$62.46
	08/01/2015	\$41.26	\$10.50	\$11.60	\$0.00	\$63.36
	02/01/2016	\$42.16	\$10.50	\$11.60	\$0.00	\$64.26

For apprentice rates see "Apprentice- ROOFER"

SHEETMETAL WORKER SHEETMETAL WORKERS LOCAL 17 - A	02/01/2014	\$42.76	\$9.82	\$19.74	\$2.17	\$74.49
	08/01/2014	\$43.61	\$9.82	\$19.74	\$2.17	\$75.34
	02/01/2015	\$44.51	\$9.82	\$19.74	\$2.17	\$76.24
	08/01/2015	\$45.51	\$9.82	\$19.74	\$2.17	\$77.24
	02/01/2016	\$46.51	\$9.82	\$19.74	\$2.17	\$78.24
	08/01/2016	\$47.66	\$9.82	\$19.74	\$2.17	\$79.39
	02/01/2017	\$48.76	\$9.82	\$19.74	\$2.17	\$80.49
	08/01/2017	\$49.86	\$9.82	\$19.74	\$2.17	\$81.59
	02/01/2018	\$51.01	\$9.82	\$19.74	\$2.17	\$82.74

**Classification**

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

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

**Effective Date - 02/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$17.10	\$9.82	\$4.28	\$0.00	\$31.20
2	40	\$17.10	\$9.82	\$4.28	\$0.00	\$31.20
3	45	\$19.24	\$9.82	\$8.70	\$1.13	\$38.89
4	45	\$19.24	\$9.82	\$8.70	\$1.13	\$38.89
5	50	\$21.38	\$9.82	\$9.49	\$1.22	\$41.91
6	50	\$21.38	\$9.82	\$9.74	\$1.23	\$42.17
7	60	\$25.66	\$9.82	\$11.05	\$1.40	\$47.93
8	65	\$27.79	\$9.82	\$11.84	\$1.48	\$50.93
9	75	\$32.07	\$9.82	\$13.41	\$1.66	\$56.96
10	85	\$36.35	\$9.82	\$14.48	\$1.82	\$62.47

**Effective Date - 08/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$17.44	\$9.82	\$4.28	\$0.00	\$31.54
2	40	\$17.44	\$9.82	\$4.28	\$0.00	\$31.54
3	45	\$19.62	\$9.82	\$8.70	\$1.13	\$39.27
4	45	\$19.62	\$9.82	\$8.70	\$1.13	\$39.27
5	50	\$21.81	\$9.82	\$9.49	\$1.22	\$42.34
6	50	\$21.81	\$9.82	\$9.74	\$1.23	\$42.60
7	60	\$26.17	\$9.82	\$11.05	\$1.40	\$48.44
8	65	\$28.35	\$9.82	\$11.84	\$1.48	\$51.49
9	75	\$32.71	\$9.82	\$13.41	\$1.66	\$57.60
10	85	\$37.07	\$9.82	\$14.48	\$1.82	\$63.19

**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
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**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 <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	06/01/2014	\$31.59	\$9.41	\$8.80	\$0.00	\$49.80
	08/01/2014	\$31.59	\$9.91	\$8.80	\$0.00	\$50.30
	12/01/2014	\$31.59	\$9.91	\$9.33	\$0.00	\$50.83
	06/01/2015	\$31.94	\$9.91	\$9.33	\$0.00	\$51.18
	08/01/2015	\$31.94	\$10.41	\$9.33	\$0.00	\$51.68
	12/01/2015	\$31.94	\$10.41	\$10.08	\$0.00	\$52.43
	06/01/2016	\$32.44	\$10.41	\$10.08	\$0.00	\$52.93
	08/01/2016	\$32.44	\$10.91	\$10.08	\$0.00	\$53.43
SPECIALIZED EARTH MOVING EQUIP > 35 TONS <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	12/01/2016	\$32.44	\$10.91	\$10.89	\$0.00	\$54.24
	06/01/2014	\$31.88	\$9.41	\$8.80	\$0.00	\$50.09
	08/01/2014	\$31.88	\$9.91	\$8.80	\$0.00	\$50.59
	12/01/2014	\$31.88	\$9.91	\$9.33	\$0.00	\$51.12
	06/01/2015	\$32.23	\$9.91	\$9.33	\$0.00	\$51.47
	08/01/2015	\$32.23	\$10.41	\$9.33	\$0.00	\$51.97
	12/01/2015	\$32.23	\$10.41	\$10.08	\$0.00	\$52.72
	06/01/2016	\$32.73	\$10.41	\$10.08	\$0.00	\$53.22
SPRINKLER FITTER <i>SPRINKLER FITTERS LOCAL 550 - (Section A) Zone 1</i>	08/01/2016	\$32.73	\$10.91	\$10.08	\$0.00	\$53.72
	12/01/2016	\$32.73	\$10.91	\$10.89	\$0.00	\$54.53
	03/01/2014	\$53.58	\$8.42	\$13.60	\$0.00	\$75.60
	10/01/2014	\$54.73	\$8.42	\$13.60	\$0.00	\$76.75
	01/01/2015	\$54.73	\$8.42	\$13.75	\$0.00	\$76.90
	03/01/2015	\$55.73	\$8.42	\$13.75	\$0.00	\$77.90
	10/01/2015	\$56.88	\$8.42	\$13.75	\$0.00	\$79.05
	01/01/2016	\$56.88	\$8.67	\$13.90	\$0.00	\$79.45
03/01/2016	\$57.88	\$8.67	\$13.90	\$0.00	\$80.45	
10/01/2016	\$59.03	\$8.67	\$13.90	\$0.00	\$81.60	
03/01/2017	\$60.03	\$8.67	\$13.90	\$0.00	\$82.60	

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

**Effective Date - 03/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	35	\$18.75	\$8.42	\$8.25	\$0.00	\$35.42
2	40	\$21.43	\$8.42	\$8.25	\$0.00	\$38.10
3	45	\$24.11	\$8.42	\$8.25	\$0.00	\$40.78
4	50	\$26.79	\$8.42	\$8.25	\$0.00	\$43.46
5	55	\$29.47	\$8.42	\$8.25	\$0.00	\$46.14
6	60	\$32.15	\$8.42	\$8.25	\$0.00	\$48.82
7	65	\$34.83	\$8.42	\$8.25	\$0.00	\$51.50
8	70	\$37.51	\$8.42	\$8.25	\$0.00	\$54.18
9	75	\$40.19	\$8.42	\$8.25	\$0.00	\$56.86
10	80	\$42.86	\$8.42	\$8.25	\$0.00	\$59.53

**Effective Date - 10/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	35	\$19.16	\$8.42	\$8.25	\$0.00	\$35.83
2	40	\$21.89	\$8.42	\$8.25	\$0.00	\$38.56
3	45	\$24.63	\$8.42	\$8.25	\$0.00	\$41.30
4	50	\$27.37	\$8.42	\$8.25	\$0.00	\$44.04
5	55	\$30.10	\$8.42	\$8.25	\$0.00	\$46.77
6	60	\$32.84	\$8.42	\$8.25	\$0.00	\$49.51
7	65	\$35.57	\$8.42	\$8.25	\$0.00	\$52.24
8	70	\$38.31	\$8.42	\$8.25	\$0.00	\$54.98
9	75	\$41.05	\$8.42	\$8.25	\$0.00	\$57.72
10	80	\$43.78	\$8.42	\$8.25	\$0.00	\$60.45

**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 <i>OPERATING ENGINEERS LOCAL 4</i>	12/01/2013	\$40.11	\$10.00	\$14.18	\$0.00	\$64.29
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
TAMPERS, SELF-PROPELLED OR TRACTOR DRAWN <i>OPERATING ENGINEERS LOCAL 4</i>	12/01/2013	\$40.11	\$10.00	\$14.18	\$0.00	\$64.29
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
TELECOMMUNICATION TECHNICIAN <i>ELECTRICIANS LOCAL 103</i>	03/01/2014	\$33.44	\$13.00	\$13.03	\$0.00	\$59.47
	09/01/2014	\$33.84	\$13.00	\$13.05	\$0.00	\$59.89
	03/01/2015	\$34.38	\$13.00	\$13.06	\$0.00	\$60.44
	09/01/2015	\$35.10	\$13.00	\$13.08	\$0.00	\$61.18
	03/01/2016	\$35.81	\$13.00	\$13.10	\$0.00	\$61.91

**Apprentice - TELECOMMUNICATION TECHNICIAN - Local 103**

**Effective Date - 03/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$13.38	\$13.00	\$0.40	\$0.00	\$26.78
2	40	\$13.38	\$13.00	\$0.40	\$0.00	\$26.78
3	45	\$15.05	\$13.00	\$10.29	\$0.00	\$38.34
4	45	\$15.05	\$13.00	\$10.29	\$0.00	\$38.34
5	50	\$16.72	\$13.00	\$10.54	\$0.00	\$40.26
6	55	\$18.39	\$13.00	\$10.79	\$0.00	\$42.18
7	60	\$20.06	\$13.00	\$11.04	\$0.00	\$44.10
8	65	\$21.74	\$13.00	\$11.29	\$0.00	\$46.03
9	70	\$23.41	\$13.00	\$11.54	\$0.00	\$47.95
10	75	\$25.08	\$13.00	\$11.79	\$0.00	\$49.87

**Effective Date - 09/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$13.54	\$13.00	\$0.41	\$0.00	\$26.95
2	40	\$13.54	\$13.00	\$0.41	\$0.00	\$26.95
3	45	\$15.23	\$13.00	\$10.30	\$0.00	\$38.53
4	45	\$15.23	\$13.00	\$10.30	\$0.00	\$38.53
5	50	\$16.92	\$13.00	\$10.55	\$0.00	\$40.47
6	55	\$18.61	\$13.00	\$10.80	\$0.00	\$42.41
7	60	\$20.30	\$13.00	\$11.05	\$0.00	\$44.35
8	65	\$22.00	\$13.00	\$11.30	\$0.00	\$46.30
9	70	\$23.69	\$13.00	\$11.55	\$0.00	\$48.24
10	75	\$25.38	\$13.00	\$11.80	\$0.00	\$50.18

**Notes:**

**Apprentice to Journeyworker Ratio:1:1**

TERRAZZO FINISHERS	02/01/2014	\$47.00	\$10.18	\$18.15	\$0.00	\$75.33
BRICKLAYERS LOCAL 3 - MARBLE & TILE	08/01/2014	\$47.90	\$10.18	\$18.22	\$0.00	\$76.30
	02/01/2015	\$48.46	\$10.18	\$18.22	\$0.00	\$76.86
	08/01/2015	\$49.36	\$10.18	\$18.29	\$0.00	\$77.83
	02/01/2016	\$49.93	\$10.18	\$18.29	\$0.00	\$78.40
	08/01/2016	\$50.83	\$10.18	\$18.37	\$0.00	\$79.38
	02/01/2017	\$51.40	\$10.18	\$18.37	\$0.00	\$79.95

**Classification**

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

**Apprentice - TERRAZZO FINISHER - Local 3 Marble & Tile**

**Effective Date - 02/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$23.50	\$10.18	\$18.15	\$0.00	\$51.83
2	60	\$28.20	\$10.18	\$18.15	\$0.00	\$56.53
3	70	\$32.90	\$10.18	\$18.15	\$0.00	\$61.23
4	80	\$37.60	\$10.18	\$18.15	\$0.00	\$65.93
5	90	\$42.30	\$10.18	\$18.15	\$0.00	\$70.63

**Effective Date - 08/01/2014**

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$23.95	\$10.18	\$18.22	\$0.00	\$52.35
2	60	\$28.74	\$10.18	\$18.22	\$0.00	\$57.14
3	70	\$33.53	\$10.18	\$18.22	\$0.00	\$61.93
4	80	\$38.32	\$10.18	\$18.22	\$0.00	\$66.72
5	90	\$43.11	\$10.18	\$18.22	\$0.00	\$71.51

**Notes:**

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**Apprentice to Journeyworker Ratio:1:3**

TEST BORING DRILLER <i>LABORERS - FOUNDATION AND MARINE</i>	06/01/2014	\$35.45	\$7.30	\$12.90	\$0.00	\$55.65
	12/01/2014	\$36.20	\$7.30	\$12.90	\$0.00	\$56.40
	06/01/2015	\$36.95	\$7.30	\$12.90	\$0.00	\$57.15
	12/01/2015	\$37.70	\$7.30	\$12.90	\$0.00	\$57.90
	06/01/2016	\$38.45	\$7.30	\$12.90	\$0.00	\$58.65
	12/01/2016	\$39.45	\$7.30	\$12.90	\$0.00	\$59.65

For apprentice rates see "Apprentice- LABORER"

TEST BORING DRILLER HELPER <i>LABORERS - FOUNDATION AND MARINE</i>	06/01/2014	\$34.17	\$7.30	\$12.90	\$0.00	\$54.37
	12/01/2014	\$34.92	\$7.30	\$12.90	\$0.00	\$55.12
	06/01/2015	\$35.67	\$7.30	\$12.90	\$0.00	\$55.87
	12/01/2015	\$36.42	\$7.30	\$12.90	\$0.00	\$56.62
	06/01/2016	\$37.17	\$7.30	\$12.90	\$0.00	\$57.37
	12/01/2016	\$38.17	\$7.30	\$12.90	\$0.00	\$58.37

For apprentice rates see "Apprentice- LABORER"

TEST BORING LABORER <i>LABORERS - FOUNDATION AND MARINE</i>	06/01/2014	\$34.05	\$7.30	\$12.90	\$0.00	\$54.25
	12/01/2014	\$34.80	\$7.30	\$12.90	\$0.00	\$55.00
	06/01/2015	\$35.55	\$7.30	\$12.90	\$0.00	\$55.75
	12/01/2015	\$36.30	\$7.30	\$12.90	\$0.00	\$56.50
	06/01/2016	\$37.05	\$7.30	\$12.90	\$0.00	\$57.25
	12/01/2016	\$38.05	\$7.30	\$12.90	\$0.00	\$58.25

For apprentice rates see "Apprentice- LABORER"

TRACTORS/PORTABLE STEAM GENERATORS <i>OPERATING ENGINEERS LOCAL 4</i>	12/01/2013	\$40.11	\$10.00	\$14.18	\$0.00	\$64.29
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For apprentice rates see "Apprentice- OPERATING ENGINEERS"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
TRAILERS FOR EARTH MOVING EQUIPMENT <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	06/01/2014	\$32.17	\$9.41	\$8.80	\$0.00	\$50.38
	08/01/2014	\$32.17	\$9.91	\$8.80	\$0.00	\$50.88
	12/01/2014	\$32.17	\$9.91	\$9.33	\$0.00	\$51.41
	06/01/2015	\$32.52	\$9.91	\$9.33	\$0.00	\$51.76
	08/01/2015	\$32.52	\$10.41	\$9.33	\$0.00	\$52.26
	12/01/2015	\$32.52	\$10.41	\$10.08	\$0.00	\$53.01
	06/01/2016	\$33.02	\$10.41	\$10.08	\$0.00	\$53.51
	08/01/2016	\$33.02	\$10.91	\$10.08	\$0.00	\$54.01
	12/01/2016	\$33.02	\$10.91	\$10.89	\$0.00	\$54.82
TUNNEL WORK - COMPRESSED AIR <i>LABORERS (COMPRESSED AIR)</i>	06/01/2014	\$46.33	\$7.30	\$13.30	\$0.00	\$66.93
	12/01/2014	\$47.08	\$7.30	\$13.30	\$0.00	\$67.68
	06/01/2015	\$47.83	\$7.30	\$13.30	\$0.00	\$68.43
	12/01/2015	\$48.58	\$7.30	\$13.30	\$0.00	\$69.18
	06/01/2016	\$49.33	\$7.30	\$13.30	\$0.00	\$69.93
	12/01/2016	\$50.33	\$7.30	\$13.30	\$0.00	\$70.93
For apprentice rates see "Apprentice- LABORER"						
TUNNEL WORK - COMPRESSED AIR (HAZ. WASTE) <i>LABORERS (COMPRESSED AIR)</i>	06/01/2014	\$48.33	\$7.30	\$13.30	\$0.00	\$68.93
	12/01/2014	\$49.08	\$7.30	\$13.30	\$0.00	\$69.68
	06/01/2015	\$49.83	\$7.30	\$13.30	\$0.00	\$70.43
	12/01/2015	\$50.58	\$7.30	\$13.30	\$0.00	\$71.18
	06/01/2016	\$51.33	\$7.30	\$13.30	\$0.00	\$71.93
	12/01/2016	\$52.33	\$7.30	\$13.30	\$0.00	\$72.93
For apprentice rates see "Apprentice- LABORER"						
TUNNEL WORK - FREE AIR <i>LABORERS (FREE AIR TUNNEL)</i>	06/01/2014	\$38.40	\$7.30	\$13.30	\$0.00	\$59.00
	12/01/2014	\$39.15	\$7.30	\$13.30	\$0.00	\$59.75
	06/01/2015	\$39.90	\$7.30	\$13.30	\$0.00	\$60.50
	12/01/2015	\$40.65	\$7.30	\$13.30	\$0.00	\$61.25
	06/01/2016	\$41.40	\$7.30	\$13.30	\$0.00	\$62.00
	12/01/2016	\$42.40	\$7.30	\$13.30	\$0.00	\$63.00
For apprentice rates see "Apprentice- LABORER"						
TUNNEL WORK - FREE AIR (HAZ. WASTE) <i>LABORERS (FREE AIR TUNNEL)</i>	06/01/2014	\$40.40	\$7.30	\$13.30	\$0.00	\$61.00
	12/01/2014	\$41.15	\$7.30	\$13.30	\$0.00	\$61.75
	06/01/2015	\$41.90	\$7.30	\$13.30	\$0.00	\$62.50
	12/01/2015	\$42.65	\$7.30	\$13.30	\$0.00	\$63.25
	06/01/2016	\$43.40	\$7.30	\$13.30	\$0.00	\$64.00
	12/01/2016	\$44.40	\$7.30	\$13.30	\$0.00	\$65.00
For apprentice rates see "Apprentice- LABORER"						
VAC-HAUL <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	06/01/2014	\$31.59	\$9.41	\$8.80	\$0.00	\$49.80
	08/01/2014	\$31.59	\$9.91	\$8.80	\$0.00	\$50.30
	12/01/2014	\$31.59	\$9.91	\$9.33	\$0.00	\$50.83
	06/01/2015	\$31.94	\$9.91	\$9.33	\$0.00	\$51.18
	08/01/2015	\$31.94	\$10.41	\$9.33	\$0.00	\$51.68
	12/01/2015	\$31.94	\$10.41	\$10.08	\$0.00	\$52.43
	06/01/2016	\$32.44	\$10.41	\$10.08	\$0.00	\$52.93
	08/01/2016	\$32.44	\$10.91	\$10.08	\$0.00	\$53.43
	12/01/2016	\$32.44	\$10.91	\$10.89	\$0.00	\$54.24

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
WAGON DRILL OPERATOR <i>LABORERS - ZONE 2</i>	06/01/2014	\$30.60	\$7.30	\$12.10	\$0.00	\$50.00
	12/01/2014	\$31.10	\$7.30	\$12.10	\$0.00	\$50.50
	06/01/2015	\$31.60	\$7.30	\$12.10	\$0.00	\$51.00
	12/01/2015	\$32.10	\$7.30	\$12.10	\$0.00	\$51.50
	06/01/2016	\$32.60	\$7.30	\$12.10	\$0.00	\$52.00
	12/01/2016	\$33.35	\$7.30	\$12.10	\$0.00	\$52.75
For apprentice rates see "Apprentice- LABORER"						
WASTE WATER PUMP OPERATOR <i>OPERATING ENGINEERS LOCAL 4</i>	12/01/2013	\$40.49	\$10.00	\$14.18	\$0.00	\$64.67
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
WATER METER INSTALLER <i>PLUMBERS &amp; GASFITTERS LOCAL 12</i>	03/01/2014	\$49.41	\$9.82	\$14.29	\$0.00	\$73.52
	09/01/2014	\$50.41	\$9.82	\$14.29	\$0.00	\$74.52
	03/01/2015	\$51.41	\$9.82	\$14.29	\$0.00	\$75.52
	09/01/2015	\$52.41	\$9.82	\$14.29	\$0.00	\$76.52
	03/01/2016	\$53.56	\$9.82	\$14.29	\$0.00	\$77.67
	09/01/2016	\$54.61	\$9.82	\$14.29	\$0.00	\$78.72
	03/01/2017	\$55.61	\$9.82	\$14.29	\$0.00	\$79.72
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) unless otherwise specified.

\* Ratios are expressed in allowable number of apprentices to journeymen or fraction thereof.

\*\* 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.

OWNER-CONTRACTOR AGREEMENT

by and between

The Town of Boxborough

and

\_\_\_\_\_

THIS AGREEMENT made this \_\_\_\_\_ day of \_\_\_\_\_ in the year 2014, between \_\_\_\_\_ with a usual place of business at \_\_\_\_\_, hereinafter called the CONTRACTOR, and the Town of Boxborough, a municipal corporation duly organized and existing under the laws of the Commonwealth of Massachusetts, acting by and through its Board of Selectmen (hereinafter referred to as "Board"), with a usual place of business at 29 Middle Road, Boxborough, MA 01719, hereinafter called the OWNER.

The CONTRACTOR and the OWNER, for the consideration hereinafter named, agree as follows:

**1. Scope of Work**

The Contractor shall furnish all labor, services, materials, equipment, machinery, apparatus, appliances, tools and supplies necessary to perform all work required for the completion of each item of the Work specified in the IFB. The said Documents, Specifications, Drawings and any GENERAL SUPPLEMENTARY CONDITIONS are incorporated herein by reference and are made a part of this Agreement.

**2. Contract Price**

The Owner shall pay the Contractor for the performance of this Agreement, subject to additions and deductions provided herein, in current funds, the sum of \_\_\_\_\_.

**3. Commencement and Completion of Work**

It is agreed that time is of the essence of this Agreement. The Contractor shall commence and prosecute the work under this Agreement upon execution hereof and shall complete the work on or before November 1, 2012, unless mutually agreed to extend.. A time extension may be granted due to permitting delays, access to town buildings or other situations not in control of the Contractor.

- A. Definition of Term: The Term "Substantial completion" shall mean the date certified by the Owner when construction is sufficiently complete, in accordance with the Contract Documents, so the Owner may occupy the project, or designated portion(s) thereof, for the use for which it is intended.
- B. Time as Essential Condition: It is understood and agreed that the commencement of and substantial completion of the work are essential conditions of this Agreement. It is further agreed that time is of the essence for each and every portion of the Contract Documents wherein a definite and certain length of time is fixed for the performance of any act whatsoever; and where under the Contract Documents any additional time is allowed for the completion of any work, the new time fixed by such extension shall be of the essence of this Agreement. It is understood and agreed that the times for the completion of the work are reasonable, taking into consideration the average climatic range and usual industrial conditions prevailing in this locality.
- C. Progress and Completion: Contractor shall commence work promptly upon execution of this Agreement and shall prosecute and complete the work regularly, diligently and uninterruptedly at such a rate of progress as will insure Substantial Completion within the stipulated number of calendar days.

#### 4. Performance of the Work

- A. Direction of the Work: The Contractor shall supervise and direct the Work, using his best skills and attention which shall not be less than such state of skill and attention generally rendered by the contracting profession for projects similar to the Project in scope, difficulty and location. The Contractor shall maintain adequate supervisory personnel at the project site during the performance of the Work. He shall be solely responsible for all construction means, methods, techniques, sequences and procedures and for coordinating all portions of the Work under the Agreement.
- B. Responsibility for the Work:
- (1) The Contractor shall be responsible to the Owner for the acts and omissions of his employees, Subcontractors and their agents and employees, and other persons performing any of the Work under a contract with the Contractor. This obligation shall also extend to the presence on the Site of suppliers of materials or equipment, their employees, contractors, and agents engaged in the work.
  - (2) The Contractor shall not be relieved from his obligations to perform the Work in accordance with the Contract Documents either by the activities or duties of the Owner in its administration of the Agreement, or by inspections, tests or approvals required or performed by persons other than the Contractor.
- C. Notices, Compliance with Laws:
- (1) The Contractor shall give all notices and comply with all federal, state and local laws, ordinances, rules, regulations and lawful orders of any public authority bearing on the performance of the Work. The Contractor shall provide the Owner with reproductions of all permits, licenses and receipts for any fees paid. The Owner represents that it has disclosed to the Contractor all orders and requirements known to the Owner of any public authority particular to this Agreement.
  - (2) If the Contractor observes that any of the Contract Documents are at variance with applicable laws, statutes, codes and regulations in any respect, he shall promptly notify the Owner in writing, and any necessary changes shall be accomplished by appropriate modification.
  - (3) If the Contractor performs any Work which he knows or should know is contrary to such laws, ordinances, rules and regulations, and without such notice to the Owner, he shall assume full responsibility therefore and shall bear all costs attributable thereto.
  - (4) In the performance of the Work, the Contractor shall comply with all applicable federal, state and local laws and regulations including those relating to workplace and employee safety. The Contractor shall notify the Owner immediately of any conditions at the place of the work which violate said laws and regulations and shall take prompt action to correct and eliminate any such violations.
  - (5) Conflict of Interest: Contractor agrees that, to the extent that such law is applicable to the duties Contractor is to perform hereunder, Contractor shall comply with the provisions of Chapter 268A of the General Laws concerning conflict of interest and that Contractor presently has no interest and shall not acquire any interest, direct or indirect, which would conflict in any manner or degree with the services required to be performed under this agreement.
- D. Project Superintendent: The Contractor shall employ a competent superintendent and necessary assistants who shall be in attendance at the Project site at all times during the progress of the Work. The superintendent shall represent the Contractor and all 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 so confirmed on written request in each case.

- E. Progress Schedule: The Contractor, immediately after being awarded the Contract, shall prepare and submit for the Owner's information an estimated progress schedule for the Work. The progress schedule shall be related to the entire Project to the extent required by the Contract Documents, and shall provide for expeditious and practicable execution of the Work.
- F. Drawings, Specifications and Submittals (as applicable):
- (1) The Contractor shall maintain at the site for the Owner one record copy of all Drawings, Specifications, Addenda, Change Orders and other Modifications, and "As-Built" Drawings and Specifications in good order and marked currently to record all changes made during construction, and approved Shop Drawings, Product Data and Samples. These shall be delivered to the Owner upon completion of the Work.
  - (2) By approving and submitting Shop Drawings, Product Data and Samples, the Contractor represents that he has determined and verified all materials, field measurements, and field construction criteria related thereto, or will do so, and that he has checked and coordinated the information contained within such submittals with the requirements of the Work and of the Contract Documents.
  - (3) The Contractor shall not be relieved of responsibility for any deviation from the requirements of the Contract Documents by the Owner's approval of Shop Drawings, Product Data or Samples unless the Contractor has specifically informed the Owner in writing of such deviation at the time of submission and the Owner has given written approval to the specific deviation. The Contractor shall not be relieved from responsibility for errors or omissions in the Shop Drawings, Product Data or Samples by the Owner's approval thereof.
  - (4) The Contractor shall direct specific attention, in writing or on resubmitted Shop Drawings, Product Data or Samples, to revisions other than those requested by the Owner on previous submittals.
  - (5) No portion of the Work requiring submission of a Shop Drawing, Product Data or Sample shall be commenced until the submittal has been approved by the Owner. All such portions of the Work shall be in accordance with approved submittals.
- G. Protection of the Work and Owner's Property: The Contractor shall at all times safely guard the Owner's property from injury or loss in connection with this Agreement. He shall at all times safely guard and protect his own work, and that of adjacent property from damage. The Contractor shall replace or make good any such damage, loss or injury. The Contractor shall clean the work area and restore it to its original condition upon completion of the work.
- H. Quality of the Work: The Contractor shall perform the work in a good, workmanlike manner. The Contractor hereby guarantees that the entire work constructed by him under the Agreement will meet fully all requirements thereof as to quality of workmanship and materials. The Contractor hereby agrees to make at his own expense any repairs or replacements made necessary by defects in materials or workmanship supplied to him that become evident within three (3) years after the date of final acceptance, and to restore to full compliance with the requirements set forth herein any part of the work constructed hereunder, which during said three (3) year period is found to be deficient with respect to any provisions of the Contract Documents. The Contractor also agrees to hold the Owner harmless from claims of any kind arising from damage due to said defects. The Contractor shall make all repairs and replacements promptly upon receipt of written orders for same from the Owner. If the

Contractor fails to make the repairs and replacements promptly, the Owner may do the work and the Contractor shall be liable to the Owner for the cost thereof.

- J. Warranty: The Contractor guarantees to Owner that all materials incorporated into the work will be new unless otherwise specified or agreed. Prior to final payment, the Contractor shall deliver to the Owner all manufacturers' warranties, together with such endorsements or assignments as are necessary to ensure to the Owner the full rights and benefits of such warranties.
- K. Payment and Performance Bonds: The Contractor shall post a payment bond, in the amount of 50% of the contract price. This payment bond shall be in the form of surety issued by an insurance company licensed by the State Division of Insurance. This payment bond is mandatory on all construction projects for all political subdivisions and ensures payment of all workers and vendors used for the contract.

Simultaneously with the delivery of the executed contract, the Contractor shall also be required to post a performance bond in an amount acceptable to the Owner as security for the faithful performance of this Contract.

## **5. Affirmative Action/Equal Employment Opportunity**

The Contractor is directed to comply with all applicable State Laws, Ordinances, Bylaws, and rules and regulations regarding affirmative action/equal employment opportunity requirements. Failure of the Contractor to comply with any such law, rule or regulation shall constitute grounds for the Owner to terminate the Agreement.

## **6. Site Information Not Guaranteed; Contractor's Investigation**

All information given in the Contract Documents relating to subsurface and other conditions, natural phenomena, existing pipes, and other structures is from the best sources at present available to the Owner. All such information is furnished only for the information and convenience of the Contractor and is not guaranteed.

It is agreed and understood that the Owner does not warrant or guarantee that the subsurface or other conditions, natural phenomena, existing pipes, or other structures encountered during construction will be the same as those indicated in the Contract Documents.

Contractor has familiarized himself with the nature and extent of the Contract Documents, work, locality, and with all local conditions and federal, state, and local laws, rules, ordinances, and regulations that in any manner may affect costs, progress, or performance of the work. Contractor has made, or has caused to be made, examinations, investigations, and tests and studies of such reports and related data in addition to those referred to in the paragraph above as he deems necessary for the performance of the work at the Contract Price, within the Contract Time, and in accordance with the other Terms and Conditions of the Contract Documents; and no additional examinations, tests, investigations, reports, and similar data are or will be required by the Contractor for such purposes.

Contractor has correlated the results of all such observations, examinations, investigations, tests, reports, and data with the Contract Documents. Contractor has given the Owner written notice of all conflicts, errors, or discrepancies that he has discovered in the Contract Documents, and the resolution thereof by the Owner is acceptable to the Contractor.

It is further agreed and understood that the Contractor shall not use or be entitled to use any of the information made available to him or obtained in any examination made by him in any manner as a basis of or ground for any claim or demand against the Owner, arising from or by reason of any variance which may exist between the

information made available and the actual subsurface conditions or other conditions or structures actually encountered during the construction work, except as may otherwise be expressly provided for in the Contract Documents.

## **7. Project Architect or Engineer**

There \_\_\_ is \_\_\_ **is not** a project architect-engineer for this project who is \_\_\_\_\_. Except as otherwise indicated in the Contract Documents, the Architect/Engineer shall be a representative of the Owner and the Contractor shall direct all communications, questions and comments on the work and the performance thereof to the Architect/Engineer. Except as otherwise provided, the Architect/Engineer shall have all the authority of the Owner set forth in the Contract Documents. In general, the Architect/Engineer shall have the authority to review the performance of the work, reject work which is defective or otherwise does not comply with the Contract Documents and to order the Contractor to remedy defective work and take such actions which are necessary to make the work conform to the Contract Documents.

## **8. Wage Rates**

Prevailing Wage Rates as determined by the Commissioner of the Department of Labor and Workforce Development under the provisions of Massachusetts General Laws, Chapter 149, Section 26 to 27G, as amended, apply to this project. It is the responsibility of the Contractor to provide the Town with certified payrolls and to comply with all requirements of the above-cited statutes.

The schedules of prevailing wage rates are included in the Contract Documents.

## **9. Payments to the Contractor**

- A. The Owner will make payment to the Contractor in accordance with the provisions of Sections 39F and 39G of Chapter 30 of the General Laws of the Commonwealth of Massachusetts. The Contractor shall submit requisitions for payment as required by said provisions and the directions of the Owner. The Owner will remit payment within 30 days of receipt of invoice.
- B. The Contractor's applications for payment shall be subject to approval by the Inspector of Buildings.
- C. Changes in the Work: No changes in the work covered by the approved Contract Documents shall be made without prior written approval of the Owner. Charges or credits for the work covered by the approved change shall be determined by one or more, or a combination of the following methods:
  - (a) Unit bid prices previously approved.
  - (b) An agreed lump sum.
  - (c) The actual cost of:
    - (1) Labor.
    - (2) Materials entering permanently into the work.
    - (3) The ownership or rental cost of construction equipment during the time of use on the extra work.
    - (4) Power and consumable supplies for the operation of power and equipment.

(5) Wages to be paid.

To the cost under (c) there shall be added a fixed fee to be agreed upon but not to exceed fifteen percent (15%) of the actual cost of work. The fee shall be compensation to cover the cost of supervision, overhead, bonds, profit and any other general expenses.

D. Claims for Additional Costs: If the Contractor wishes to make a claim for an increase in the Contract Sum, he shall give the Owner written notice thereof within twenty days after the occurrence of the event giving rise to such claim. This notice shall be given by the Contractor before proceeding to execute the Work, except in an emergency endangering life or property. No such claim shall be valid unless so made. Any change in the Contract Sum resulting from such claim shall be authorized by Change Order.

#### **10. Final Payment, Effect**

The acceptance of final payment by the Contractor shall constitute a waiver of all claims by the Contractor arising under the Agreement.

#### **11. Contract Documents**

The Contract Documents consist of the following, together with this Agreement:

Quote dated \_\_\_\_\_  
Invitation to Bid, including addenda if applicable  
Instructions to Bidders  
This Contract Form  
Bid Form  
Performance Bond  
Labor & Materials Payment Bond  
Certificate of Good Faith  
Tax Compliance Certificate  
10 Hours OSHA Training Certification  
Labor Harmony Certification  
Evidence of Licensure as Massachusetts Construction Supervisor  
Exvidence of Licensure as Hoisting Operator  
Clerk's Certificate of Corporate Vote  
Certificates of Insurance  
General Conditions  
General Requirements  
Scope of Work  
Additional Terms and Conditions  
Schedule of Prevailing Wages

#### **12. Terms Required By Law**

This Agreement shall be considered to include all terms required to be included in it by the Massachusetts General Laws, and all other laws, applicable to the work required under this Agreement as though such terms were set forth in full herein.

### **13. Indemnification**

The Contractor shall indemnify and hold harmless the Owner from and against any and all claims, damages, losses, and expenses, including attorney's fees, arising out of the performance of this Agreement when such claims, damages, losses, and expenses are caused, in whole or in part, by the acts, errors, or omissions of the Contractor or his employees, agents, subcontractors or representatives.

### **14. Insurance**

The Contractor shall purchase and maintain such insurance as will protect both the Owner and the Contractor from claims which may arise under the Agreement, including operations performed for the named insured by independent contractors and general inspection thereof by the named insured. In addition, the Contractor shall require its subcontractors to maintain such insurance. Coverage shall be provided for:

1. claims under workers' or workmens' compensation, disability benefit and other applicable employee benefit acts;
2. claims for damages because of bodily injury, occupational sickness or disease, or death of Contractor's employees;
3. claims for damages because of bodily injury, sickness or disease, or death of any person other than Contractor's employees;
4. claims for damages insured by usual personal injury liability coverage which are sustained (1) by any person as a result of an offense directly or indirectly related to the employment of such person by the Contractor, or (2) by any other person;
5. claims for damages, including damages to the Work itself, because of injury to or destruction of tangible property, including loss of use resulting therefrom;
6. claims for damages because of bodily injury or death of any person or property damage arising out of the ownership, maintenance or use of any motor vehicle; and
7. claims involving contractual liability applicable to the Contractor's obligations under Article 13.

The limits of liability for coverage required under the preceding paragraph shall be as required by the Owner.

Except for Workmen's Compensation, all liability coverage shall name the Town of Boxborough as an additional insured and shall provide for 30 days prior written notice to the Town of any modification or termination of coverage provided thereby. The Contractor shall provide the Owner with appropriate certificate(s) of insurance evidencing compliance with this provision prior to the commencement of any work under this Agreement.

### **15. Independent Contractor**

Nothing herein contained shall be construed as creating the relationship of employer and employee or principal and agent between the Town and Contractor. Contractor shall not have any authority to represent, commit or bind the Town to any other person, firm, association or corporation or to submit proposals or make any representation on behalf of the Town without the express prior authorization of the Town Administrator.

## **16. Notice**

All notices required to be given hereunder shall be in writing and delivered to, or mailed first class to, the parties' respective addresses stated above. In the event that immediate notice is required, it may be given by telephone or facsimile, but shall, to the extent possible, be followed by notice in writing in the manner set forth above.

## **17. Termination**

- A. Each party shall have the right to terminate this Agreement in the event of a failure of the other party to comply with the terms of the Agreement. Such termination shall be effective upon seven days' notice to the party in default and the failure within that time of said party to cure its default.
- B. The Owner shall have the right to terminate the Agreement without cause, upon ten (10) days' written notice to the Contractor. In the event that the Agreement is terminated pursuant to this subparagraph, the Contractor shall be reimbursed in accordance with the Contract Documents for all Work performed up to the termination date, and for all materials or equipment not incorporated in the Work, but delivered and suitably stored at the site. Payment for material or equipment stored at the site shall be conditioned upon submission by the Contractor of bills of sale or such other evidence as is satisfactory to Owner to establish the Owner's title to such material or equipment or otherwise protect the Owner's interests.

## **18. Miscellaneous**

- A. Royalties and Patents: The Contractor shall pay all royalties and license fees. He shall defend all suits or claims for infringement of any patent rights and shall save the Owner harmless from loss on account thereof, except that the Owner shall be responsible for all such loss when a particular design, process or the product of a particular manufacturer or manufacturers is specified; but if the Contractor believes or has reason to believe that the design, process or product specified is an infringement of a patent, he shall be responsible for such loss unless he promptly gives such information to the Owner, and thereafter the Owner insists on the use of the design, process or products specified.
- B. Assignment: The Contractor shall not assign or transfer any of its rights, duties or obligations under this Agreement without the written approval of the Owner.
- C. Governing Law: This Agreement shall be governed by and construed in accordance with the law of the Commonwealth of Massachusetts.
- D. Enforceability: In the event any provision of this Agreement is found to be legally unenforceable, such unenforceability shall not prevent the enforcement of any other provision of this Agreement, all of which shall remain in full force and effect as though the unenforceable provision had never appeared herein. No waiver by either the Town or Consultant of a breach hereof or a default hereunder shall be deemed a waiver by such party of a subsequent breach or default of like or similar nature. If, moreover, any one or more of the provisions of this Agreement shall for any reason be held to be excessively broad as to duration, geographical scope, activity of subject, it shall be construed by limiting or reducing it so as to be enforceable to the extent compatible with applicable law.
- E. By its signature hereon, the Contractor certifies, under the pains and penalties of perjury, that it has complied with all laws of the Commonwealth of Massachusetts relating to taxes, reporting of employees and contractors, and withholding and remitting child support.

IN WITNESS WHEREOF, the parties hereto have set their hands and seals, the Owner by its authorized representatives who, however, incur no personal liability by reason of the execution hereof or of anything herein contained, as of the day and year first above written.

CONTRACTOR:

By its

\_\_\_\_\_

OWNER:

Town of Boxborough

By its Town Administrator/Chief Procurement Officer

\_\_\_\_\_  
Selina S. Shaw

In accordance with M.G.L. C.44, Section 31C, this is to certify that an appropriation in the amount of this contract is available therefore and that the Town Administrator has been authorized to execute the contract and approve all requisitions and change orders.

By: \_\_\_\_\_  
Jennifer Barrett, Town Accountant

# GROTON ENGINEERING, LLC

STRUCTURAL ENGINEERING

FOUNDATION ASSESSMENT  
for the  
1784 Levi Wetherbee Farmhouse  
484 Middle Road, Boxborough, MA 01719  
July 17, 2014

CLIENT: Town of Boxborough  
Town Hall, 29 Middle Rd.  
Boxborough, MA 01719

ATTN: Mr. David Lindberg, Inspector of Buildings

REFERENCE:

A. National Register of Historic Places Registration Form, Certified by Brona Simon on November 3, 2006 for the 1784 Levi Wetherbee Farmhouse and Barn.

ATTACHMENTS:

1. Aerial view of farmhouse - Courtesy of Google Maps

GENERAL:

This review is primarily for the foundation of the Levi Wetherbee Farmhouse with some reference to the framework and emphasis on the chimney foundation . The purpose of this report is for installation of shoring and for getting associated quotes for that construction.

This 28' x 34', 2 ½ story, wood-framed house sets upon a fieldstone foundation on all four sides with an interior fieldstone foundation extension around three sides of the chimney. This chimney has double fireplaces on two floors topped by a chimney riser, that extends up through the roof's ridge. In the basement that double fireplace and chimney stops just below the first floor framing. The chimney system sets upon soil that is held in place by the aforesaid, 3-sided fieldstone retaining wall. The foundation also supports some of the first floor framing and post & beam framing of other floors above. It is the partial collapse of this interior foundation wall and the bulging of the exterior, fieldstone foundation walls that are the primary concerns of this report.

The farmhouse's location is shown encircled on Attachment #1. Its front entrance faces south towards the existing barn. Middle Road once ran between the house and barn but is now to the rear of the house. The house has been vacant for several years now. The Historical Commission members and others are discussing new uses for it. Foundations and framing must be repaired before the house will be safely habitable again.

See Reference A above (not attached) for a thorough description of this house and its history. That document has Continuation Sheets with great information but not about the foundation and framing conditions. It also contains excellent photos of the house that will be useful to any contractor retained to do the repairs..

## SPECIFICS:

Shoring is needed for the following main items needing restoration:

1. All of the fieldstone foundations but most particularly the ones surrounding the chimney.
2. Most of the first floor framing.
3. A few elements of the chimney that might be damaged during the work.

To prepare the house and chimney for this work, shoring must be installed. The Town of Boxborough's Committee wants to focus on preservation of the chimney at this time and is discussing how best to support it until they obtain sufficient funding for repairs. Part of a retaining wall that helps support the chimney and wood framing has collapsed. The Committee members had already covered the basement floor with a plastic membrane and covered it with several inches of sand because of excess moisture in the basement and the need to mitigate that issue.

Shoring contractors, whom I have contacted, are saying that it is better to initially shore up the entire house and chimney rather than just the chimney itself. I suggest that the Committee request proposals that include separate prices for: 1. Just the chimney and; 2. The entire house including the chimney. The benefit of doing the entire house is that, all of the restoration work can be done without installing more shoring.

PHOTO #1 shows a collapsed portion of the interior fieldstone wall that surrounds the central chimney's base. PHOTO #2 shows the stone laying on the sandy floor. The soil behind the fieldstone wall and under the chimney's base is a good gravel with a blend from fine sand to two and three inch stone. The fieldstone walls are all laid up dry, ie, no mortared joints. They are well built but depend on heat radiating from the basement to prevent frost buildup that can damage fieldstone walls.

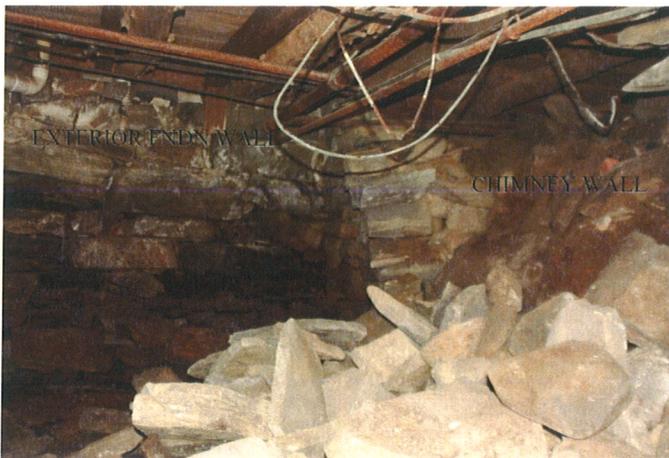


PHOTO #1 - Wall & Fallen Stone



PHOTO #2 - Fallen Stone

When frost enters soil it causes any moisture therein to freeze and expand. That expansion pushes against the fieldstone that only has friction to resist sliding. When frost leaves in the warmer months, the water-soaked sand slips into the cavities created during the freezing/sliding action. Repetition over a period of years eventually forces stones to slide far enough that they fall out of a wall and cause others to go with them. That is what I believe has happened here. There is still soil behind the remaining wall and under the chimney but how compact and stable it is now, is not known.

The fieldstone retaining wall on the opposite side of the chimney is still in fairly good condition as can be seen in PHOTO #3. Also visible in this photo are the first floor joists of logs rather than sawn or hand hewn lumber. The beams to which the joists are connected, are hand hewn lumber. The wood framing is where it is supposed to be so this retaining wall is still doing its job. On the collapsed fieldstone wall the corresponding wood framing above has lost support.



PHOTO #3 - Other Wall Supporting Chimney

The exterior fieldstone foundation walls are bulging inwards in a few places so are suffering from the same kind of freeze-thaw actions. If not attended to, they will also collapse to some degree. That will cause collapse of the floor joists and the exterior floors and walls above.

The log floor joists are deteriorating from both rot and insect damage. I was able to push my sharp pointed jackknife about an inch into the wood in a number of places. So they have lost most of their original strength and will likely have to be replaced before the house can be re-occupied.

So we have a house that needs foundation, chimney and floor framing restoration. While at the site and discussing restoration or just shoring options for the chimney, I suggested the use of needle beam shoring under just the chimney and extending out beyond those related retaining walls. When discussing this same issue with several companies that install residential shoring they said it is easier and wiser to shore up the entire house including the chimney because the house is relatively small and purely rectangular. Just slightly lifting a chimney while the house is not moved is difficult. Shoring the whole house allows for easier lifting. Once that is done and depending on funds, then the whole house becomes ready for renovation. The house can be lowered back onto the new foundations afterwards. Some wood sill work may have to be done prior to installing shoring and some other work may have to wait until the house is lowered back into place.

The purpose of this report is for installation of shoring and for getting associated quotes for that construction. But I want to make a few suggestions for the work to be done afterwards, via future quotes.

Replace existing fieldstone foundations with 12" concrete ones that have 4" exterior shelves to carry a veneer of fieldstone. The 8" portion, exposed to the interior of the basement, can rise up to the first floor framing and be attached thereto. The wood floor joists, sills and other damaged framing can be replaced with like kind at greater expense or replaced with today's conventional lumber that meets code.

#### SUMMARY:

The Town of Boxborough's Committee and the Historical Commission both want to save the house and, toward that end, get shoring installed to facilitate restoration work. This report suggests that the committees obtain comparative quotes for: 1. Just the chimney and; 2. The entire house including the chimney. Framing conditions that have to be rectified before installing shoring are to be at the judgement of the shoring contractor.

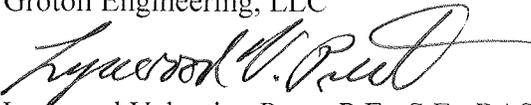
The collapsed and bowed conditions of the existing fieldstone foundations warrant this action as soon as possible so as to prevent more foundation collapses that could damage parts of the house that are in good condition, including the impressive central chimney and its fireplaces.

The use of whole house shoring will facilitate overall restoration of the house and ultimately be less than the cost for shoring the chimney only and then having to install more shoring to complete the other work. That is the judgement of contractors to whom I have spoken and now I have to agree. In the longterm it is a wiser move.

This completes my review and report. It is based on over 55 years of experience dealing with old wooden structures on fieldstone foundations and on what I could visually see without doing any localized or other demolition to expose hidden conditions. If you have any questions or requests please contact me.

Thank you for using my structural engineering services. It has been a pleasure serving you.

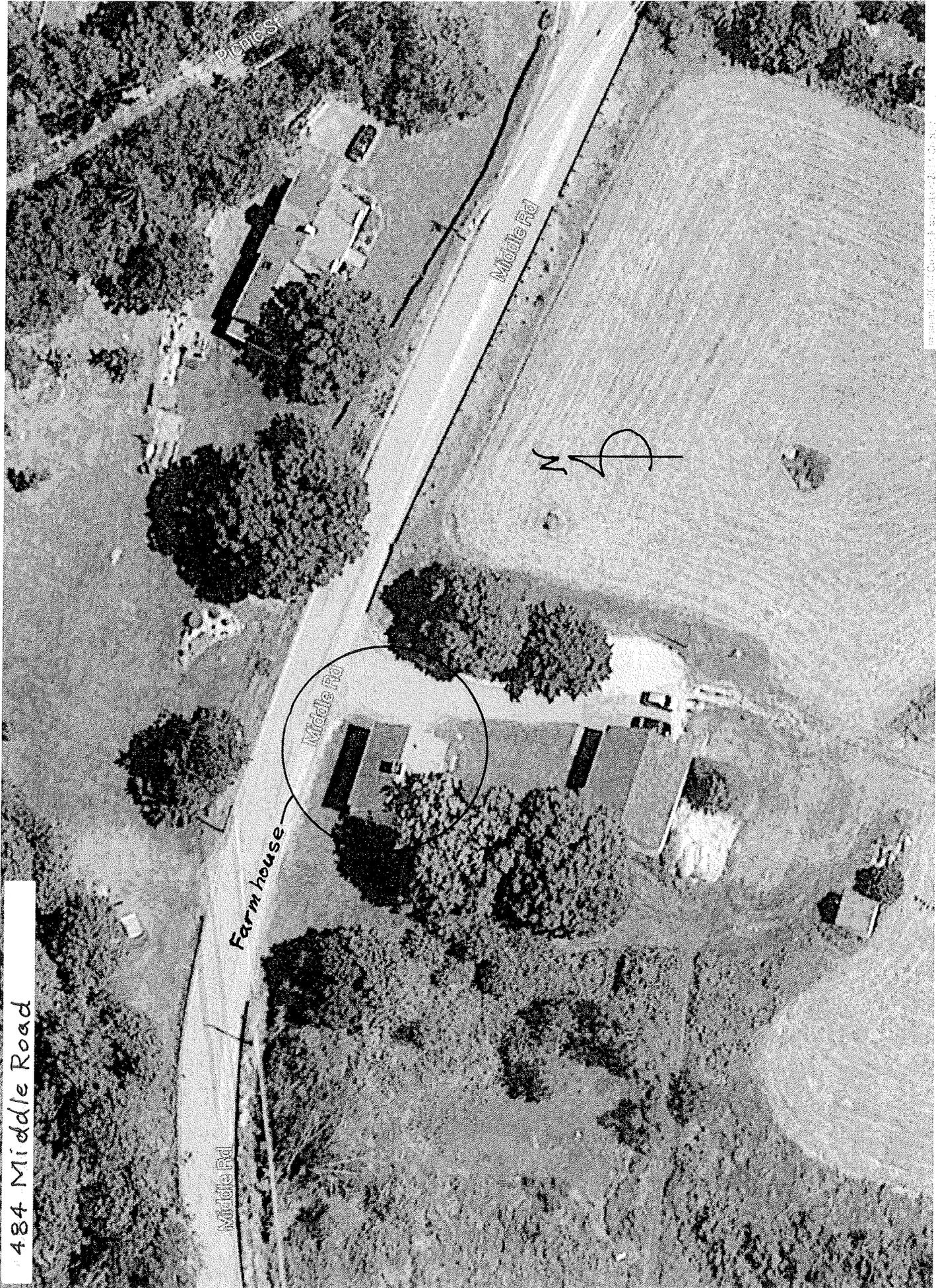
Respectfully submitted,  
Groton Engineering, LLC

  
Lynwood Valentine Prest, P.E., S.E., BASE  
President



C/c: File

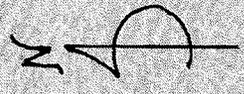
ATTACHMENT 1



484 Middle Road

Pleasure

Middle Rd



Middle Rd

Farm house

Middle Rd

© 2011 Aerial Photography by [unreadable]

**United States Department of the Interior  
National Park Service**

**National Register of Historic Places  
Registration Form**

This form is for use in nominating or requesting determinations for individual properties and districts. See instructions in How to Complete the National Register of Historic Places Registration Form (National Register Bulletin 16A). Complete each item by marking "x" in the appropriate box or by entering the information requested. If any item does not apply to the property being documented, enter "N/A" for "not applicable." For functions, architectural classification, materials, and areas of significance, enter only categories and subcategories from the instructions. Place additional entries and narrative items on continuation sheets (NPS Form 10-900a). Use a typewriter, word processor, or computer, to complete all items.

**1. Name of Property**

historic name Levi Wetherbee Farm

other names/site number Wetherbee-Cobleigh-Steele Farm

**2. Location**

street & number 484 Middle Road N/A not for publication

city or town Boxborough N/A vicinity

state Massachusetts code MA county Middlesex code 017 zip code 01719

**3. State/Federal Agency Certification**

As the designated authority under the National Historic Preservation Act of 1986, as amended, I hereby certify that this  nomination  request for determination of eligibility meets the documentation standards for registering properties in the National Register of Historic Places and meets the procedural and professional requirements set forth in 36 CFR Part 60. In my opinion, the property  meets  does not meet the National Register Criteria. I recommend that this property be considered significant  nationally  statewide  locally. ( See continuation sheet for additional comments.)

Brana Simon November 3, 2006  
Signature of certifying official/Title Brana Simon, Depty SHPO, MHC Date

State or Federal agency and bureau \_\_\_\_\_

In my opinion, the property  meets  does not meet the National Register criteria. ( See continuation sheet for additional Comments.)

Signature of certifying official/Title \_\_\_\_\_ Date \_\_\_\_\_

State or Federal agency and bureau \_\_\_\_\_

**4. National Park Service Certification**

I, hereby certify that this property is:  
 entered in the National Register  
 See continuation sheet.  
 determined eligible for the National Register  
 See continuation sheet.  
 determined not eligible for the National Register  
 removed from the National Register  
 other (explain): \_\_\_\_\_

Signature of the Keeper	Date of Action
_____	_____
_____	_____
_____	_____
_____	_____

Levi Wetherbee Farm  
Name of Property

Middlesex, MA  
County and State

**5. Classification**

**Ownership of Property**

(Check as many boxes as apply)

- private
- public-local
- public-State
- public-Federal

**Category of Property**

(Check only one box)

- building(s)
- district
- site
- structure
- object

**Number of Resources within Property**

(Do not include previously listed resources in the count.)

Contributing	Non-contributing	
3	0	buildings
4	0	sites
3	0	structures
2	0	objects
12	0	Total

**Name of related multiple property listing**

(Enter "N/A" if property is not part of a multiple property listing.)

N/A

**Number of contributing resources previously listed in the National Register**

0

**6. Function or Use**

**Historic Functions**

(Enter categories from instructions)

DOMESTIC: single dwelling

AGRICULTURE: agricultural fields

**Current Functions**

(Enter categories from instructions)

VACANT (house)

RECREATION

AGRICULTURE: agricultural field

**7. Description**

**Architectural Classification**

(Enter categories from instructions)

COLONIAL: Georgian

**Materials**

(Enter categories from instructions)

foundation STONE: fieldstone

walls WOOD: weatherboard

roof ASPHALT shingle

other

**Narrative Description**

(Describe the historic and current condition of the property on one or more continuation sheets.)

Levi Wetherbee Farm  
Name of Property

Middlesex, MA  
County and State

**8. Statement of Significance**

**Applicable National Register Criteria**

(Mark "x" in one or more boxes for the criteria qualifying the property for National Register listing.)

- A** Property is associated with events that have made a significant contribution to the broad patterns of our history.
- B** Property is associated with the lives of persons significant in our past.
- C** Property embodies the distinctive characteristics of a type, period, or method of construction or represents the work of a master, or possesses high artistic values, or represents a significant and distinguishable entity whose components lack individual distinction.
- D** Property has yielded, or is likely to yield, information important in prehistory or history.

**Criteria Considerations**

(Mark "x" in all the boxes that apply.)

Property is:

- A** owned by religious institution or used for religious purposes.
- B** removed from its original location.
- C** a birthplace or grave.
- D** a cemetery.
- E** a reconstructed building, object, or structure.
- F** a commemorative property.
- G** less than 50 years of age or achieved significance within the past 50 years.

**Narrative Statement of Significance**

(Explain the significance of the property on one or more continuation sheets.)

**9. Major Bibliographical References**

**Bibliography**

(Cite the books, articles, and other sources used in preparing this form on one or more continuation sheets.)

**Previous documentation on file (NPS):**

- preliminary determination of individual listing (36 CFR 67) has been requested
- previously listed in the National Register
- previously determined eligible by the National Register
- designated a National Historic Landmark
- recorded by Historic American Buildings Survey # \_\_\_\_\_
- recorded by Historic American Engineering Record # \_\_\_\_\_

**Areas of Significance**

(Enter categories from instructions)

- ARCHITECTURE
- COMMUNITY PLANNING AND DEVELOPMENT
- AGRICULTURE
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

**Period of Significance**

mid-18<sup>th</sup> century to 1956

**Significant Dates**

1784  
1941

**Significant Person**

(Complete if Criterion B is marked above)

N/A

**Cultural Affiliation**

N/A

**Architect/Builder**

house: unknown  
barn: Thomas A. Steele

**Primary location of additional data:**

- State Historic Preservation Office
- Other State agency
- Federal agency
- Local government
- University
- Other

**Name of repository:**

\_\_\_\_\_

Levi Wetherbee Farm  
Name of Property

Middlesex, MA  
County and State

**10. Geographical Data**

Acreege of Property 36.19 acres

**UTM References**

(Place additional UTM references on a continuation sheet)

1. 19 292440 4707160  
Zone Easting Northing

3. 19 292500 4706420  
Zone Easting Northing

2. 19 292680 4707120  
Zone Easting Northing

4. 19 292380 4706440  
Zone Easting Northing

5. 19 292300 4706640  
Zone Easting Northing

**Verbal Boundary Description**

(Describe the boundaries of the property on a continuation sheet.)

**Boundary Justification**

(Explain why the boundaries were selected on a continuation sheet.)

**11. Form Prepared By**

name/title Anne Forbes, consultant, with Betsy Friedberg, National Register Director, MHC

organization Massachusetts Historical Commission date October, 2006

street & number 220 Morrissey Blvd. telephone 617-727-8470

city or town Boston state Massachusetts zip code 02125

**Additional Documentation**

Submit the following items with the completed form:

**Continuation Sheets**

**Maps**

A **USGS map** (7.5 or 15 minute series) indicating the property's location.  
A **sketch map** for historic districts and properties having large acreage or numerous resources.

**Photographs**

Representative **black and white photographs** of the property.

**Additional items**

(Check with the SHPO or FPO for any additional items)

**Property Owner**

(Complete this item at the request of the SHPO or FPO.)

name Town of Boxborough

street & number 29 Middle Road telephone 978-263-1116

city or town Boxborough state MA zip code 01719

**Paperwork Reduction Act Statement:** This information is being collected for applications to the National Register of Historic Places to nominate properties for listing or determine eligibility for listing, to list properties, and to amend existing listings. Response to this request is required to obtain a benefit in accordance with the National Historic Preservation Act, as amended (16 U.S.C. 470 et seq.).

**Estimated Burden Statement:** Public reporting burden for this form is estimated to average 18.1 hours per response including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding this burden estimate or any aspect of this form to the Chief, Administrative Services Division, National Park Service, P.O. Box 37127, Washington, DC 20013-7127; and the Office of Management and Budget, Paperwork Reductions Project (1024-0018), Washington, DC 20503.

United States Department of the Interior  
National Park Service

## National Register of Historic Places Continuation Sheet

Levi Wetherbee Farm  
Boxborough (Middlesex), MA

Section number 7 Page 1

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### 7. DESCRIPTION

#### General site layout

The Levi Wetherbee (Wetherbee-Cobleigh-Steele) Farm (MHC Area A) is located in an area east and southeast of Boxborough's old town center composed of residential and agricultural properties dating from the late 18<sup>th</sup> through the 20<sup>th</sup> centuries. Development in the immediate vicinity of the farm consists of 19<sup>th</sup> and 20<sup>th</sup> century houses on large lots, with large stretches of woods and wetlands interspersed.

The nominated property (MHC Area A) comprises a single 36-acre parcel of land which gradually descends south from Middle Road through an evolved agricultural landscape (MHC #902) of hay meadows and the remains of a mid-20<sup>th</sup> century Christmas tree farm to a wooded wetland in the south portion. A narrow streambed with high banks courses south through the west part of the property from a small round farm pond just below the road (Map #5; Photo #1). Outflow of water from the pond is channeled through a corrugated metal culvert under a stone-reinforced causeway or "run" across the pond's south edge. (Map #10; Photo 1). The grassed surface of the run shows the ruts of generations of wheels of farm vehicles.

On higher ground along the west edge of the property, roughly paralleling the stream, is a heavily rutted cart path (Map #6; Photo 8). The path is intersected at two points by fieldstone walls that may once have formed part an enclosure, although currently openings in the walls, once perhaps fitted with wooden gates, stand open.

Most of the east and west property boundaries of the farm are lined with fieldstone walls (Map #7). A line of deciduous trees follows the east boundary wall, and scattered bushes and trees, including a few old or wild apple trees, are present on the west part of the property in the area of the pond and cartpath. Clumps of balsam and other nursery evergreen trees remaining from a 20th-century tree farm occupy part of the center portion of the farm.

The Levi Wetherbee House stands close to the south edge of Middle Road. Just east of the house, a short asphalt drive, lined on the east with maple trees, leads to the early 1940s barn. A few feet north of the barn is the 9 ½' x 11 ½' rubble-based concrete slab remaining from the gable-roofed, clapboarded milkhouse of about 1950, which was torn down in the 1990s. A few 20<sup>th</sup>-century sheds were taken down after the town of Boxborough bought the farm in 1994, but a small icehouse of ca. 1904 relocated from another Boxborough farm in 1999, stands on a small knoll south of the barn. The remains of a stone structure, reported to have been a tunnel leading from the house cellar to the bank of the pond (also likely to have been used as a root cellar), are still in place underground just southwest of the house.

Prior to 1856, the line of Middle Road passed just south of the farmhouse, rather than north. Through World War II, apple orchards and meadows occupied most of the property on both sides of the stream, leaving only a small cleared area around the house and outbuildings at the north-northeast edge of the property.

(continued)

United States Department of the Interior  
National Park Service

**National Register of Historic Places  
Continuation Sheet**

**Levi Wetherbee Farm  
Boxborough (Middlesex), MA**

**Section number 7 Page 2**

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**Levi Wetherbee House (Wetherbee Farmhouse)**, mid-18th C./enlarged ca. 1800-1815 (MHC.3;  
Map #1, Photos 1-5)

The farmhouse in its present form is a 34 x 28-foot south-facing, side-gabled, 3 x 2-bay, 2½-story, center-chimney house. Due to the relocation of Middle Road, the building stands with its back to the street. Clad in wood clapboard, with an asphalt-shingle roof, it rests on a fieldstone foundation topped with split granite blocks. Its south facade is symmetrically arranged. The center entry has a mid 19th-century door with what were apparently six recessed panels trimmed with applied moldings. The top two panels have been replaced with a line of three glass lights. The door surround consists of a simple enframing of wide, unadorned boards. Similarly, the windows have flat-board surrounds flush with the siding. The east and west gable-end elevations, which appear to have formerly had a symmetrical two-bay arrangement of openings aligned at first and second stories and a single 6/6 window in the gable peak, each have been slightly altered. The east wall has a wooden 20th-century, 6-light-over 2-panel door in the north portion, and the west gable end has two small mid 20th-century two-pane kitchen windows on the south part, rather than a single window. On the rear (north) wall, two 6/6's are aligned at each story, set somewhat off-center toward the east part of the wall.

Except for the two modern windows on the west gable end, all the windows are double-hung 6-over-6 sash. Some sash is of the mid 19<sup>th</sup> century type with narrow ogee muntins; others are later 6/6 replacements. The exterior trim includes a molded, boxed cornice with returns on the gable ends, and narrow cornerboards. Below the eaves on the north and south walls is a prominent bed molding above a narrow friezeboard adorned with a narrow architrave molding. A molding with a similar profile trims the lower edge of the crown along the eaves and at the gable ends of the roof.

The large brick center chimney rises through the roof ridge. Three small box ventilators on the south front roof slope are a minor alteration of the late 20<sup>th</sup> century.

Interior, first story. The house is arranged on a conventional two-room-deep, center-chimney plan, with a lobby entrance with three-run stair in front of the chimney, a room to either side at each story, and, across the back, a broad center room with specialized spaces partitioned at either end. An enclosed rear stairway at the northeast corner ascends to the main rear second-story room. Between the stairway and the rear wall of the first-story southeast room is a vestibule leading to the northeast side entry. A small room in the northwest corner of the first story, now a combination pantry and lavatory, probably began as a bedroom, as did the small room above it at the second story, which was converted to a bathroom in the 1920s or 1930s.

The house as taxed in 1798 was one story and had nine windows containing 73 square feet of glass--a description that suggests it may have been a three- or five-bay Cape-Cod house at that time. Features of the building frame provide evidence that the building was raised from one story shortly after 1800. One-story-high posts with flared ("gunstock") shoulders are detectable under later casings at both rear corners.

(continued)

United States Department of the Interior  
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National Register of Historic Places  
Continuation Sheet

Levi Wetherbee Farm  
Boxborough (Middlesex), MA

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While the flare is not readily obvious in the front posts, they project deeply into the rooms, suggesting that a gunstock post may be hidden inside the straight vertical casing at each front corner. In addition, the front and rear first-story girts (formerly the plates) are planed and carved with a fine beveled chamfer with lamb's-tongue stop--a finish detail that is characteristic of First Period-style framing that had gone out of fashion well before 1750. Such decorative features raise the question of whether the first story of this house, which is referred to as late as 1784 as "Levi Wetherbee's new house," was actually standing in the second quarter of the 18<sup>th</sup> century, and if so, whether "new" may mean that it was moved to the farm from another location.

Contrary to the First Period character of the lower frame, most of the surviving first-story finish of the house is of a type consistent with the latter part of the 18<sup>th</sup>- and early part of the 19<sup>th</sup> centuries. With the exception of the front and rear girts, the posts, end girts, and the east-west summer beams in the front rooms are covered by casings--some beaded, some plain. The walls and the rest of the ceilings are plastered. The southwest room has been altered by its 20th-century conversion to a kitchen employing the reuse of some earlier material (such as the cabinet door made from the lower half of an 18<sup>th</sup>-century paneled door), and its east fireplace wall is covered with mid 20th-century imitation brick. In the southeast and north rooms, however, fireplaces remain relatively intact.

In the southeast parlor, the fireplace was blocked in for a stovepipe and the trim updated toward the middle of the 19<sup>th</sup> century. (Photo 10.) Its mantelpiece is a simple composition of very wide boards, including a broad frieze and a thick mantel shelf backed by a low board with a raised center section, which probably indicates a remodeling date between 1830 and 1860. A wide doorway with a pair of 3/3 paneled doors in the north wall of the parlor appears to be an alteration of the early 20th century.

The large fireplace in the rear original kitchen has angled sidewalls (Photo 11 and 12.) Its bake oven is located just west and outside of the main firebox. The mantel, which has a peaked board above a simple mantel shelf similar to that in the southeast parlor, probably represents another mid 19<sup>th</sup>-century renovation. The kitchen fireplace wall is finished with horizontal planed boards, which are also used in a pair of doors to a cabinet above the fireplace. Other walls of the rear section of the house--the east end wall, and portions of the rear wall inside a large L-shaped corner cupboard, are covered with horizontal paneling embellished with a very narrow bead. Vertical beaded board of the same type forms the east wall of the little northwest room, and also encloses the back stairway in the northeast corner.

Doors to the front lobby entrance from the rooms on either side are a 4-panel late 18<sup>th</sup>-century type, with the panel raised on one side and recessed on the other, and hung on H-and-L hinges. The closed-string, three-run stair has a typical Federal-period balustrade of square dowels placed on the diagonal, a heavy molded railing, and 3 1/2" square newel posts.

Second story. The character of much of the second story is more elaborate and formal than the first, and includes many elements of the fully developed Federal style—a decorative vocabulary consistent with the raising of the building to two stories in the early years of the 19<sup>th</sup> century. The ceilings at this story are fully plastered, with no summer beams visible in the rooms; the corner posts have beaded casings.

(continued)

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Continuation Sheet

Levi Wetherbee Farm  
Boxborough (Middlesex), MA

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The finely executed woodwork in the two front upstairs rooms indicates the important status of the early 19<sup>th</sup>-century owners, and suggests the presence in the Boxborough area of a highly skilled carpenter and joiner. Here the doors are 6-panel, with the raised-panel side facing the rooms. They are hung on H-hinges, and have broad, molded casings. The woodwork in the southwest chamber includes a large ogee crown molding. The small fireplace in that room (closed over for a stovepipe) has a low Federal mantel with a line of diamond cut-outs adorning the frieze.

The southeast chamber is the most stylish room in the house, with an even larger and more elaborate cornice than that in the southwest chamber. (Photo 5.) The walls are ringed with a beaded-board dado trimmed with a molded baseboard at the bottom and a line of finely-carved vertical reeding under a molded chair rail at the top. The mantelpiece of the small brick fireplace is an outstanding example of Federal-style carving. The frieze is decorated with squares of alternating vertical and horizontal reeding, and above it is a line of vertical reeding under a simple mantel shelf. The molding of the fireplace surround matches that at the doorways.

The presence of such stylish Federal woodwork consistent with detailing seen in houses of ca. 1800-1815 in the Boxborough area raises the question of whether Levi and Dorothy Wetherbee's son-in-law, cabinetmaker Samuel Stevens, may have executed some of it after his marriage to their daughter Lucy in 1814. Future comparisons with woodwork in other buildings in the vicinity may help to determine who the carpenter may have been.

The south wall of the large rear second-story room has a tiny fireplace with a molded surround, and a door to a narrow closet beside it hung on H-and-L hinges. (Photo 13.)

Hardware throughout the building includes H- and H-and-L hinges, Suffolk latches, and 19<sup>th</sup>-century cast-iron latches and ceramic knobs. Iron cranes remain in the rear kitchen fireplace.

Attic and cellar structure. The attic and cellar reveal much about the post-and-beam, stud-framed building. The roof is a rafter-and-purlin type, with heavy hewn rafters, 6 x 6" in their upper sections, tenoned into a five-sided ridge purlin. Five sets of hewn purlins, continuous from one end of the roof to the other, are set into trenches on the outside of the rafters, and support vertically-oriented roof boards. From each tie-beam, a short brace rises at an angle to the rafter above it, where it is tenoned into the timber. The rear plate, except for a splice near the center, measures 9" x 9". There are indications that the area around the chimney was altered at an early date, and that the chimney, though still substantial in size, may have been reduced somewhat in circumference. A short purlin in front of the chimney has a rough, concave rear side, suggesting that the chimney once rested against it—raising the question of whether the front of the building may have been raised before the rear section.

A cellar with an unmortared fieldstone foundation exists under the entire building except for the center area from the fieldstone chimney base to the rear wall. One notable feature is the rectangular niche located in the east side of the chimney base. The niche measures about a foot high, and has a dressed-granite lintel and a large stone for a base.

(continued)

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Levi Wetherbee Farm  
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The east part of the cellar floor is paved with large flat stones. The first-floor joists in the front part of the house are primarily heavy sleepers running in an east-west direction, approximately 6 by 6 inches in dimension, placed about 28" on center. The under sides of the subfloor boards visible beneath the southwest room are planed. Beneath the rear room the joists run north to south, and the sub-flooring there is vertical-sawn.

In the 20<sup>th</sup> century, Steele family members literally left their mark on the cellar. In the cement of the concrete bulkhead, which projects south from the west part of the front foundation wall, Russell and Thomas Steele inscribed the following: "1946 RBS-TAS." Occasional repairs were made to the cellar framing, and on one replaced section of a girt, "1940-Russell" is burned into the wood.

**Steele Barn** 1941 (MHC #4; Map #2, Photos 1, 3, 6.) Thomas A. Steele, builder.

The 36' x 42' barn, originally built as an apple barn, stands with its main gable facing the short driveway which runs past the east end of the house from Middle Road. The building is of stud construction utilizing modern dimensioned lumber, and is sided with clapboard. The gabled roof is asphalt shingle; the foundation is largely concrete and fieldstone.

The east wall of the foundation incorporates the upper portion of two small slate 18th-century gravestones (Map #11; Photos 14 and 15) reported to be from two Wetherbee family graves in the North Burying Ground. According to local residents, the two markers were among the stones displaced by the 1938 hurricane, and were brought onto the property by the Steeles. Both are small shouldered stones, about 9 inches wide. The northernmost is decorated with a schematic sunflower motif, set into a circle, in the tympanum and on each shoulder. The other stone, located south of the doorway, has an expertly carved cherub or angel's head flanked by wings. No inscriptions are visible on either stone.

The barn stands on part of the site and foundation of a slightly larger barn that burned down. The north side of that earlier barn was built into the hillside, and it had a cellar that was open to the south, where the present barn now has a full foundation wall. Some parts of the old fieldstone foundation- or barnyard walls extend south of the building, where they serve to fence in the manure area, which presently is paved with deteriorating concrete.

The fenestration of the barn includes five stanchion windows along the lower part of the south wall (two 6-pane windows and three with two panes divided horizontally), two more 6-pane windows on the north wall, and one 2/2 in the center of the west elevation. A 6/6 window occupies each gable peak. The main vehicle entry, centered in the east gable end, has a large two-part sliding, exterior-mounted door of tongue-and-groove vertical boards. A 3/3-sash window is located south of the doorway, and a fixed 6-pane window occupies the wall north of the door. Two walk-in doors are located at each end of the

(continued)

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National Park Service

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Continuation Sheet

Levi Wetherbee Farm  
Boxborough (Middlesex), MA

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north elevation. The one at the west has 8 panes over panels; the door at the east, which formerly opened onto a short passage to the demolished milkhouse, is a batten door of tongue-and-groove vertical boards. Another narrow entry with a wooden door located just west of center in the south wall was used for manure disposal.

The first story of the barn interior is arranged in three equal aisles, with two sets of 8-inch-square wooden posts carrying heavy front-to-back beams on either side of the broad center aisle. Most of the space retains its deteriorating coat of paint or whitewash. The south aisle was used as the cow tie-up after Burpee F. Steele bought his brother's cows in about 1946. The manure gutter in the concrete floor there has recently been filled in with concrete, but the framework of the cow stanchions remains. The loft flooring on exposed joists forms a ceiling over all of the first floor space except the front portion of the center aisle. From there, the roof structure of two sets of 2 x 4" rafters, one above the other, is visible. The lower and upper rafters meet at a single purlin, where the joint is reinforced with a triangular-board brace at each set of rafters. A short collar tie spans each upper rafter pair just below the roof ridge. There is no ridge pole, but the metal ridge track for hoisting hay or apple boxes is still in place.

**Richardson Icehouse**, ca. 1904 (MHC #5, Map #3, Photos 1 and 7.)

In the late 1990s, volunteers from the Boxborough Historical Society dismantled a small ca. 1904 gable-roofed icehouse on the George Richardson Farm on Stow Road, and reassembled it on this property. It stands now in the position where a shed of about the same size stood in the 1940s and '50s. During the process of reconstruction, about two feet of the lower posts and walls had to be removed due to deterioration. The outer walls are clad in wood shingles, some of which still bear their red paint. After the building was moved the roofing was replaced with wood shingles; and the west side wall was rebuilt. Typical of an icehouse, the little building had inner walls of chestnut boards nailed to the inside of the studs. Those boards are presently stored in the barn, awaiting reinstallation. Also typical of a turn-of-the-century icehouse, the building has no windows, and there are three narrow, vertical-board doors, one above the other, in the center of the north gable-end wall. Projecting above them at the gable peak is a horizontal bracket attached to the ridge pole, where the hoist for the ice blocks was mounted. Despite being recently moved, the icehouse retains its integrity and contributes to the nomination as an example of a type of building that was once found on this property.

**Archaeological Description**

While no ancient Native American sites are currently located on the Levi Wetherbee Farm, sites may be present. Three sites are recorded in the general area (within one mile). Environmental characteristics of the property represent locational criteria (slope, soil drainage, proximity to wetlands) that are favorable for the presence of ancient sites. Well-drained, level to moderately sloping terraces, and other landforms are located throughout the farm in close proximity to streams, ponds, and swamplands. An unnamed stream with connected farm ponds drain southerly through the central portion of the property to wetlands

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in the southern part of the farm. The unnamed stream is a tributary of Beaver Brook and the Merrimack River. Given the information presented above, the size of the farm, and known Native settlement information for the Merrimack River drainage and the uplands of north central Massachusetts, a high potential exists for locating ancient Native American sites on the nominated property. Smaller campsites and special purpose type sites may characterize most potential sites in the area.

A high potential also exists for locating historic archaeological resources on the Levi Wetherbee Farm. Structural evidence and construction features may exist from building the Wetherbee House, its partial movement to the property in ca. 1750 and/or renovations made after the house was built. Structural evidence may also survive from at least two barns, a ca. 1950 milk house, a number of 18<sup>th</sup> through 20<sup>th</sup> century outbuildings, and a stone structure southwest of the house. The existing Steele Barn is located on the site of an earlier and larger barn. Portions of the earlier barn's foundation wall may exist in the area today. The east wall of the Steele Barn's foundation also incorporates two gravestones originally located on Wetherbee Family graves in the North Burial Ground. Most early outbuilding locations are unknown; however, a number of 20<sup>th</sup> century sheds were reportedly taken down when the Town of Boxborough purchased the farm in 1994. A concrete slab north of the Steele barn marks the site of a ca. 1950 milk house demolished in the 1990s. The stone structure southwest of the house reportedly marks the site of a tunnel that led from the house cellar to the bank above the pond. The structure may have been used as a root cellar. Occupational-related features (trash pits, privies, wells) may exist in the area surrounding the house, barns, and outbuildings.

**(end)**

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### 8. SIGNIFICANCE

The Levi Wetherbee Farm, which includes over 36 acres of a sweeping cultural/agricultural landscape and a farmstead with an enlarged 18th-century farmhouse and a pair of early 20th-century outbuildings, meets Criteria A and C of the National Register at the local level. The complex meets Criterion A for its role in over 200 years of the development of the rural landscape and the agricultural economy of Boxborough, and for its occupancy by members of longtime local families who shaped the town's development in every historical period. The property was farmed by two generations of Wetherbees from at least the late 18<sup>th</sup> through the mid-19<sup>th</sup> centuries, and subsequently by Wetherbee in-laws Phineas Houghton and Ephraim B. Cobleigh from 1856 to 1906. It evolved into one of the most productive farms in 20<sup>th</sup> century Boxborough under the Steele family, when it was the orchard and dairy farm of Burpee Clark Steele and his son, Burpee Franklin Steele.

The farm meets Criterion C for its well-preserved surviving architectural and agricultural resources from several historic periods. The 18th-century farmhouse, apparently enlarged at the turn of the 19<sup>th</sup> century, is an excellent example of a three-bay, center-chimney house raised from one to two stories. The building displays a continuum of intact interior finish ranging from chamfered beams at the first story to high-style Federal woodwork in the two front chambers. The extant barn is an instructive example of an early 1940s apple barn refitted for dairy farming, and the little Richardson Icehouse, though moved to the site, represents the survival of a rapidly vanishing local building type of the early 20th century. The farm landscape, with its small farm pond, fieldstone walls, causeway, cart path, fields of hay, remaining groves of cultivated Christmas trees and a few lingering apple trees, retains an abundance of evidence of having been in continuous agricultural use for over two centuries.

In spite of some alterations to the house, some changes over time in the type of agriculture pursued, and the loss of two older barns and the mid-20<sup>th</sup> century milkhouse, the farm retains integrity of setting, location, design, materials, workmanship, feeling, and association.

#### Background and early history.

According to deed and genealogical research by local historians, in the second half of the 18th century this property, lying just east of what was to become the town center of Boxborough, was part of the large holdings of **Silas Wetherbee**, a grandson of John Wetherbee, II of Stow, one of Boxborough's original settlers, who in the late 17th century had owned a major portion of the land that ultimately became the town of Boxborough. In 1775, Silas Wetherbee gave three acres on Hill Road opposite the head of Middle Road to be used as a meetinghouse and burial ground site for the new town that he and 17 other outlying farmers of Stow, Harvard, and Littleton hoped to establish. That year, having formed a new religious society, they acquired the old meetinghouse in Harvard, dismantled it, and began to reconstruct it overlooking the intersection of Hill and Middle Roads. In 1783, the District of Boxborough was officially established, with the meetinghouse at its approximate center.

A few farmhouses were standing near the meetinghouse in February of 1784, when Silas sold his son **Levi Wetherbee** (1748-1829) 60 acres of land, a house, half of a building referred to as the "old house," and half

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of a barn, all located down the hill to the east of the meetinghouse, on today's Middle Road. The bulk of the property conveyed was located a short distance east of the nominated farm. (The "old house," which stood on that east section, is a reference to what had been Levi's prior residence, a two-story dwelling with only two small windows. That part of the property was sold to another farmer in 1787.) The second house mentioned in the deed from Levi's father is understood to be to this farmhouse at 484 Middle Road. As recorded in the 1798 federal Direct Tax census, it was then only one story, but larger in footprint than the other house, with many more windows and a higher value. Town records of 1784 show that in the latter part of that year Middle Road was laid out leading west from a point near "Levi Wetherbee's old house," past his "new house," over a small brook, and from there to the common. By 1798 Levi Wetherbee had apparently acquired more land, as in that year he is listed as owning 55 acres on both sides of "the road leading east from the meetinghouse and common."

Along with his father, Levi Wetherbee was one of the founders of Boxborough, having been one of the subscribers in the purchase of the former Harvard meetinghouse. He and his wife Dorothy (Taylor) had five children. Two died young, and two later resided on the farm as adults. One of the latter was their youngest son, John Wetherbee. The other was their daughter, Lucy (b. 1791), who married cabinetmaker Samuel Stevens in 1814. They subsequently moved to Marlborough, and then lived in Bolton for several years. After her husband died in about 1825, Lucy and her young son, Levi Wetherbee Stevens (b. 1815), moved back to the farm to live with her parents, where they remained until Levi Stevens' marriage in 1841.

Levi Wetherbee owned the farm until his death in 1829, whereupon it came into the possession of his son, **John Wetherbee** (1800-1858). Also known as John Wetherbee II, he married Mrs. Susannah (Hayward) Fairbanks in 1838. The Wetherbee farmhouse must have been somewhat crowded for the next several years, when the household included at least six people, and in some years more. Susannah Wetherbee brought with her two sons from her two former marriages, and Lucy and Levi Stevens were still living there as well. Three more daughters were born to John and Susannah between 1843 and 1850.

John Wetherbee was the Second Lieutenant of the Boxborough Light Infantry Company at the time of its founding around 1838-1840. Levi Stevens was also a member of the company. In 1850, John Wetherbee's farm was valued at \$5,000. Like most Boxborough farmers of the time, he was still engaged in general farming, raising some livestock and a variety of grains, though he produced 300 pounds of cheese in that year—an indication that he also had developed a specialty in dairying. He is not listed as having any orchards at that time.

A few years later, John Wetherbee gave up farming. He sold the farm, and in 1855 moved with his family to West Acton. In 1856, after a period of several months when the property was owned by a neighbor, Benjamin W. Priest, the Wetherbee farm, apparently reduced by about 20 acres, was acquired by farmer **Phineas Houghton** (1815-1886), who owned it for the next six years. His first wife, Sally (Taylor), had died in 1851, and by the time he bought the farm, he was remarried to Mary A. Wetherbee, daughter of neighboring farmer and Wetherbee relation Andrew Wetherbee. In 1860 the Houghtons, like John and Susannah Wetherbee before them, were engaged in a form of mixed agriculture. While the overall value of the farm had declined to \$3,000, Mr. Houghton had developed something of a specialty in livestock, gaining the second-highest butchering income in town from the animals he slaughtered.

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In 1862-63, the farm was owned briefly by another Wetherbee relative, **Daniel Wetherbee**. In 1863 it was acquired by another man who married into the Wetherbee family, **Ephraim Brown Cobleigh** (1833-1906). Descended from a longtime local farming family, he lost his mother when he was twelve, and by the age of 17 had left Boxborough to find work. After a brief employment at a shoe factory in Bolton, he traveled through the southern states for several months. In 1852 he enlisted in the U.S. Army, and spent five adventurous years in the cavalry with Co. B., 2nd Regiment Artillery. During his time in the cavalry he took part in the so-called "Navajo War" in New Mexico, went on scouting expeditions with Kit Carson and "Mexican Jack," and barely escaped from captivity at an Indian camp. In 1855 he was a member of a party of soldiers who surveyed the route of the Southern Pacific Railroad.

Ephraim Cobleigh returned to Boxborough in 1857, and by 1860 he had taken up shoe manufacturing on a small scale. In 1861 he married eighteen-year-old Rosella Wetherbee, daughter of Capt. Andrew Wetherbee (Levi Wetherbee's grand-nephew, and Daniel Wetherbee's brother). Rosella died in childbirth in 1864, shortly after they bought the farm. Ephraim later married Salinda Holden of Shirley--apparently the young domestic servant listed as part of the Cobleigh household on the census of 1865.

Ephraim Cobleigh served the town in a variety of positions in the latter part of the 19th century. He was Town Clerk for over a dozen years, and Selectman for at least fifteen years. He was also one of the last proprietors of the "Bigelow Store," the large general store on Hill Road at the town common. Like most of his neighbors, however, he was primarily a farmer during the prosperous local agricultural economy that developed through the latter part of the 19<sup>th</sup> century, a period when Boxborough's agricultural production was at its height. Mr. Cobleigh was one of Boxborough's most progressive farmers and the principal founder of one of its two important agricultural organizations, the Boxborough Farmer's Club. The club was organized here in the farmhouse on March 2, 1874, with Mr. Cobleigh as the first President, a position that he held for the next ten years. He also served as the club's Treasurer for at least two years. (Other officers included his first father-in-law and two of his brothers.)

Under Ephraim Cobleigh's ownership, the old farm typified the specialization and increased productivity taking place in many Massachusetts agricultural towns after the Civil War. Although by the time he bought the farm in 1863 it had been reduced to 36 acres and was not among the largest in Boxborough, it soon became one of the most profitable, as its owner took advantage of improvements in agricultural technology and of the broadening markets of the post-Civil War period. By 1870, like many Boxborough farmers, Mr. Cobleigh was still growing a variety of grains, producing butter, and had a substantial orchard, but he had also expanded into market gardening, for which his profit was the highest in town in that year. By 1880, while he still engaged in market gardening and like his neighbors was selling milk from his cows to the Boston market; he had greatly expanded his fruit production as well. He had orchards of both apples and pears; in fact, of the five Boxborough farmers who had pear orchards, at 300 trees, his was by far the largest. Raising grapes had become a popular specialty in Boxborough by that time, as well, and in 1879, of the fifteen farmers who had vineyards, he had the second highest production—3,000 pounds.

Ephraim Cobleigh died in 1906, and for the next two years the farmhouse was apparently unoccupied except for a flock of chickens roosting in the second-story rooms. In 1908, the property was sold out of the family when it was purchased by **Burpee Clark Steele**, who owned it for the next seventeen years. "B. C." Steele had immigrated from Nova Scotia to Boxborough in 1886. He quickly became widely known for his

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extensive apple orchards at a time when Boxborough, like several of the surrounding towns, was reaching the height of its reputation as an apple-growing community. At their peak, his orchards are said to have extended east as far as Liberty Square Road in the east part of town. A promoter as well as a grower, Mr. Steele used one of the first motorized trucks in town to transport apples to Boston, where he marketed them himself. A newspaper article about the opening of the new municipal market in Boston's South End highlighted B. C. Steele and his "big motor truck" delivering the market's first load of apples, from which Boston Mayor James Michael Curley and City Councilman John J. Attridge bought a box each.

B. C. Steele was one of the first school-bus drivers in Boxborough (some say he was the first), beginning with a horse-drawn "barge" and progressing to a motorized bus. He is also credited with rigging up the first road plow, and was a Boxborough highway surveyor for many years. An accomplished sawyer, during World War I Mr. Steele served with a group of local men as part of the American Forestry Expeditionary Forces in Scotland and France--a civilian force that went to northern Scotland in 1917 to cut timber for the British government. One of B. C.'s sons, Clifton Steele, also saw action during the war, and narrowly survived the sinking of his troop ship *Tuscania*.

Over the years, as the Steele children grew up, the entire family was involved in farming, both in their parents' orchards and for some of them, on their own farms nearby. B. C. Steele's first wife, Martha Jane (Walker), and two of their ten children died of typhoid fever when the farm's well was contaminated in 1911. An infant daughter died a year later. In 1913, Mr. Steele married Florence Dodge, who survived him after his death in 1929.

In 1925, however, B. C. Steele conveyed the farm to his son, **Burpee Franklin ("B. F.") Steele**, who had taken over its management in 1923. B. F. Steele had married Myrtle Monsen of Concord a year earlier, and they continued to operate an extensive apple-growing business on the old farm. They had weathered most of the Great Depression when disaster struck the farm in September 1938, when the Great Hurricane destroyed the main barn where both the town school buses and the year's main apple crop were stored. In 1941 the Steeles replaced the damaged barn with the present one a short distance to the north, on the site of another barn which had burned down several years earlier. The new building was constructed by Burpee Franklin's brother Thomas A. Steele, one of the most prolific mid-20<sup>th</sup> century builders in the Boxborough area.

To pick apples during the years of the Second World War, like other farmers in the area, the Steeles employed German prisoners who were housed at nearby Fort Devens. After the war, however, it became increasingly difficult to find employees to work the orchards, and the Steeles branched out into dairy farming. Another brother, Wilbur (Bill), in spite of having been disabled in a serious sawmill accident, had kept cows on a neighboring farm. In about 1946, after Bill's growing paralysis from rheumatoid arthritis prevented him from caring for his animals, Burpee F. Steele bought the cows and housed them on the ground floor of his new barn. In about 1950, their brother Tom constructed the small gable-roofed, clapboard milkhouse, of which the stone and concrete base remains just off the northeast corner of the present barn. Dairying, and some beef-cattle raising, continued on the farm until 1966.

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Burpee Franklin Steele succeeded his father as both a school-bus driver and highway surveyor. He was closely involved with Boxborough's roads until the day he died, when in May of 1977 he suffered a heart attack while clearing away a tree broken by a freak snowstorm.

After B. F. Steele died, his son, Russell Steele, raised Christmas trees on part of the farm for a number of years. In 1991, Myrtle Steele moved away, and in 1994 the family sold the farm, including the entire remaining 36 acres, the old Wetherbee farmhouse, the Steele barn, milkhouse, and a few sheds, to the Town of Boxborough.

Since that time, the upkeep and management of the property have been overseen by a town advisory committee, with most of the maintenance being done by community volunteers. The milkhouse and three small sheds were torn down in the mid-1990s, but in the late '90s, the ca. 1904 icehouse from the Richardson Farm in the south part of town was moved to a site just south of the barn.

Today, under the name Steele Farm, the Levi Wetherbee Farm is used for passive recreation, and some of the land is still mown for hay. The barn is presently used for general town storage, and plans are underway to utilize the house, barn, and icehouse for public historical/educational purposes, and to lease some of the land to livestock owners for pasturage.

### **Archaeological Significance**

Since patterns of ancient Native American settlement in Boxborough are poorly understood, any surviving sites could be significant. Although numerous ancient sites have been identified within the Merrimack River drainage and its nearby tributaries, the Concord, Sudbury, and Assabet River drainages, fewer sites have been recorded along more inland tributary streams including the Beaver and River Meadow Brook drainages, possibly reflecting underreporting in this area or environmental differences in the drainages. Ancient Native American sites in the vicinity of the Levi Wetherbee Farm may contribute important information that identifies the range of functional and temporal variability between sites in the Beaver Brook drainage and their relationship to Native settlements along the main drainage of the Merrimack River and its major tributaries. Information may also be present that clarifies the relationship and regional importance of sites and resources along the Beaver Brook drainage to larger tributaries of the Merrimack River such as the Concord, Sudbury and Assabet River drainages. Ancient sites in the vicinity of the Levi Wetherbee Farm and the Beaver Brook drainage may represent a seasonal /functional aspect of a subsistence and settlement system that focuses on larger sites along the Merrimack River drainage and other tributaries listed above. Sites in this area can also contain evidence of exchange between more interior portions of the Merrimack River drainage and downstream coastal areas.

Historic archaeological resources described above have the potential to contribute important information related to the evolution of the farmstead from the 18<sup>th</sup> through 20<sup>th</sup> centuries, the social, cultural, and economic characteristics of the farm's inhabitants, and the agricultural developments that made the farm one of the most productive in 20<sup>th</sup> century Boxborough.

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Additional architectural research combined with archaeological survey and testing may contribute information that accurately defines the initial construction date for the house. Structural evidence from the house, construction features, and artifact evidence from the contents of occupational-related features may support or reject a pre-1750 construction date as indicated by finish details used in the first floor architecture. Similar architectural and archaeological evidence may also indicate that portions of the house were moved to the present location by 1750 or later. Information described above may also document changes that occurred to the house during major rebuilding in the early 19<sup>th</sup> century.

Additional documentary research combined with archaeological survey, testing, and detailed mapping may also locate the sites of barns, outbuildings, and occupational-related features from the 18<sup>th</sup> through 20<sup>th</sup> centuries. While much of the information for 20<sup>th</sup> century structures is available, the location and function for 18<sup>th</sup> and 19<sup>th</sup> century structures is unknown. The internal configuration, function, and architectural details of barns, outbuildings, and occupational-related features may have followed regional and local patterns of development through time that can be discerned through historical and archaeological resources. Understanding the farms development during the 18<sup>th</sup> and 19<sup>th</sup> centuries may be important to fully understand its reputation as one of the most productive farms in 20<sup>th</sup> century Boxborough.

Additional historical research combined with detailed analysis of the contents of occupational-related features may also contribute valuable insights into the social, cultural, and economic characteristics of the families that occupied the farmstead for over two centuries. Isolated features and/or stratified archaeological deposits may exist that can be associated with different families or occupations at the house. The above information may indicate how the social and cultural aspects of specific families changed with the evolving agricultural economy of the farm, town, and region. Important information may exist that documents agricultural technologies in use and whether cottage industry type manufacturing supplemented the agricultural economy.

**(end)**

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**9. MAJOR BIBLIOGRAPHIC REFERENCES**

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**10. GEOGRAPHICAL DATA, continued**

**Verbal Boundary Description**

The boundaries of the nominated property are those of the parcel shown as Parcel 7-3-125 on Town of Boxborough Tax Maps 10, 11, 17, and 18.

**Boundary Justification**

The National Register boundaries encompass the 36.19-acre parcel that for generations comprised the Levi Wetherbee Farm. The parcel includes the surviving elements of the farmstead, as well as the complete agricultural landscape which is now largely hay meadow, wetlands, and the surviving stands of trees from a late 20<sup>th</sup>-century Christmas tree farm.

**(End)**

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Photographs Page 1

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**PHOTOGRAPHS**

Unless otherwise noted, all photographs by Anne Forbes, 2004.

**8 x 10" photographs**

1. Levi Wetherbee Farm, view northeast overlooking farmstead; farm pond in left center
2. Levi Wetherbee House, mid-18<sup>th</sup> C./ca. 1800-1815: south façade and east elevation
3. Levi Wetherbee House, mid-18<sup>th</sup> C./ca. 1800-1815: north elevation, with barn at rear
4. Levi Wetherbee House, mid-18<sup>th</sup> C./ca. 1800-1815: looking east, with north and west elevations
5. Levi Wetherbee House, mid-18<sup>th</sup> C./ca. 1800-1815: southeast chamber: fireplace wall
6. Levi Wetherbee Farm: Steele Barn (1941), with farmhouse in background, looking north

**Supplementary photographs (4 x 6")**

Landscape views:

7. View southeast over hay field, with Richardson ice house, (ca. 1904)
8. West cart path, looking south
9. Farm landscape, looking south

Interior views, Levi Wetherbee House:

10. Southeast parlor: fireplace wall
11. Rear kitchen, looking southwest
12. Rear kitchen, looking east
13. Rear chamber: fireplace wall

Gravestones in east barn foundation wall (2006)

14. North gravestone
15. South gravestone

**Historic photo (photocopy)**

Aerial view of Boxborough: Hill and Middle Roads. 1939. (Boxborough Historical Society).

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Data Sheet

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RESOURCE COUNT

C =contributing; NC = non-contributing  
B= building; O = object; Si = site;  
St = structure

MAP#	MHC #	NAME OR DESCRIPTION	DATE	STATUS	TYPE
1	BXB. 3	Levi Wetherbee House	mid-18 <sup>th</sup> C./ca. 1800-1815	C	B
2	BXB. 4	Steele Barn	1941	C	B
3	BXB. 5	Richardson Icehouse	ca. 1904	C	B
4	BXB. 902	farm landscape	18 <sup>th</sup> -21 <sup>st</sup> centuries	C	Si
5		farm pond	19 <sup>th</sup> -20 <sup>th</sup> centuries	C	Si
6		cartpath	19 <sup>th</sup> -20 <sup>th</sup> centuries	C	St
7		system of stone walls	18 <sup>th</sup> -19 <sup>th</sup> centuries	C	St
8		underground tunnel/root cellar	19 <sup>th</sup> century	C	Si
9		milkhouse base	ca. 1950	C	Si
10		causeway	probably 19 <sup>th</sup> century	C	St
11		slate gravestone (in barn foundation)	18 <sup>th</sup> century	C	O
12		slate gravestone (in barn foundation)	18 <sup>th</sup> century	C	O

**TOTAL RESOURCE COUNT:**

**Contributing**

**Non-contributing**

**BUILDINGS**

**3**

**0**

**STRUCTURES:**

**3**

**0**

**OBJECTS:**

**2**

**0**

**SITES:**

**4**

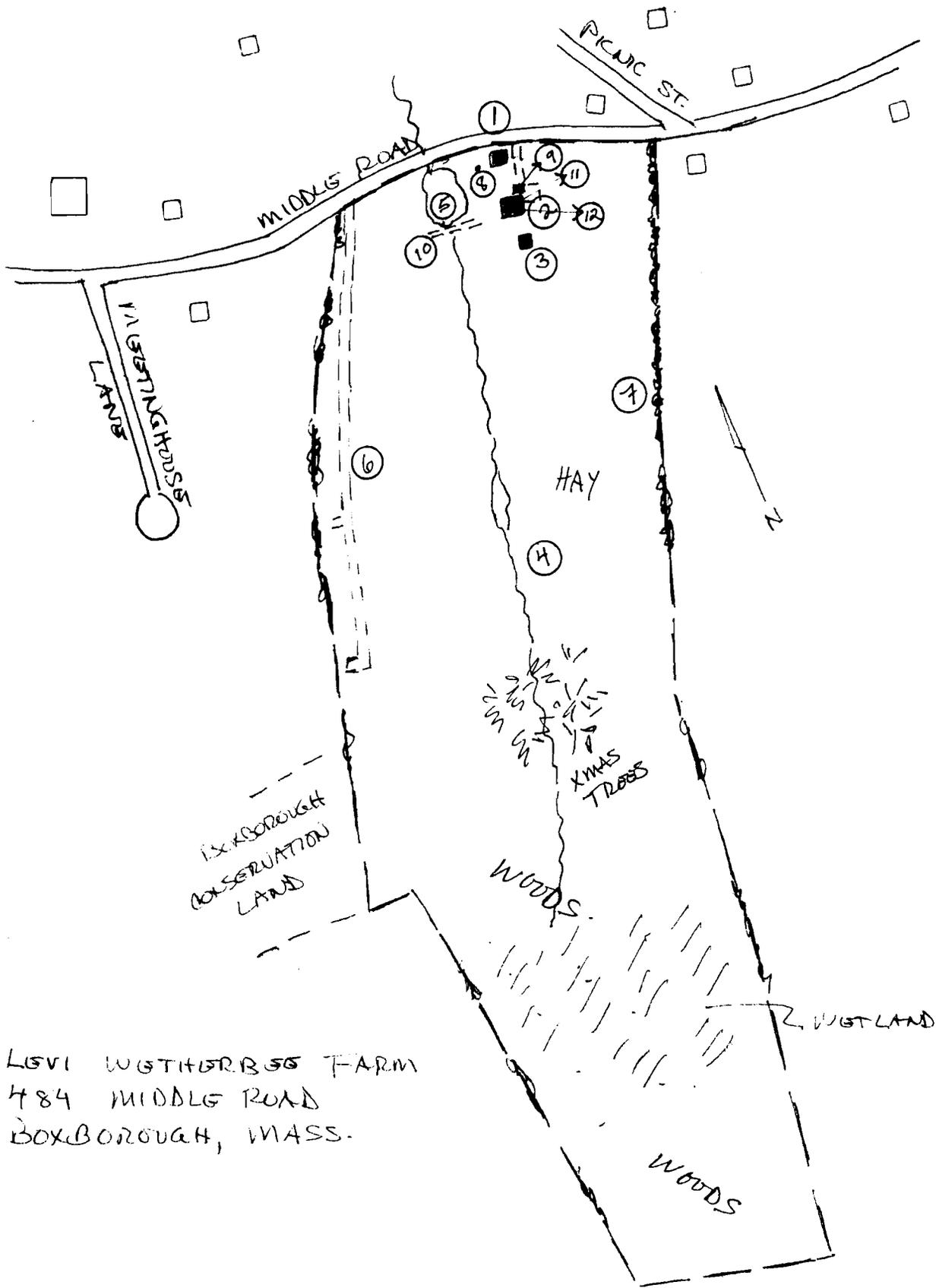
**0**

**TOTAL:**

**12**

**TOTAL:**

**0**



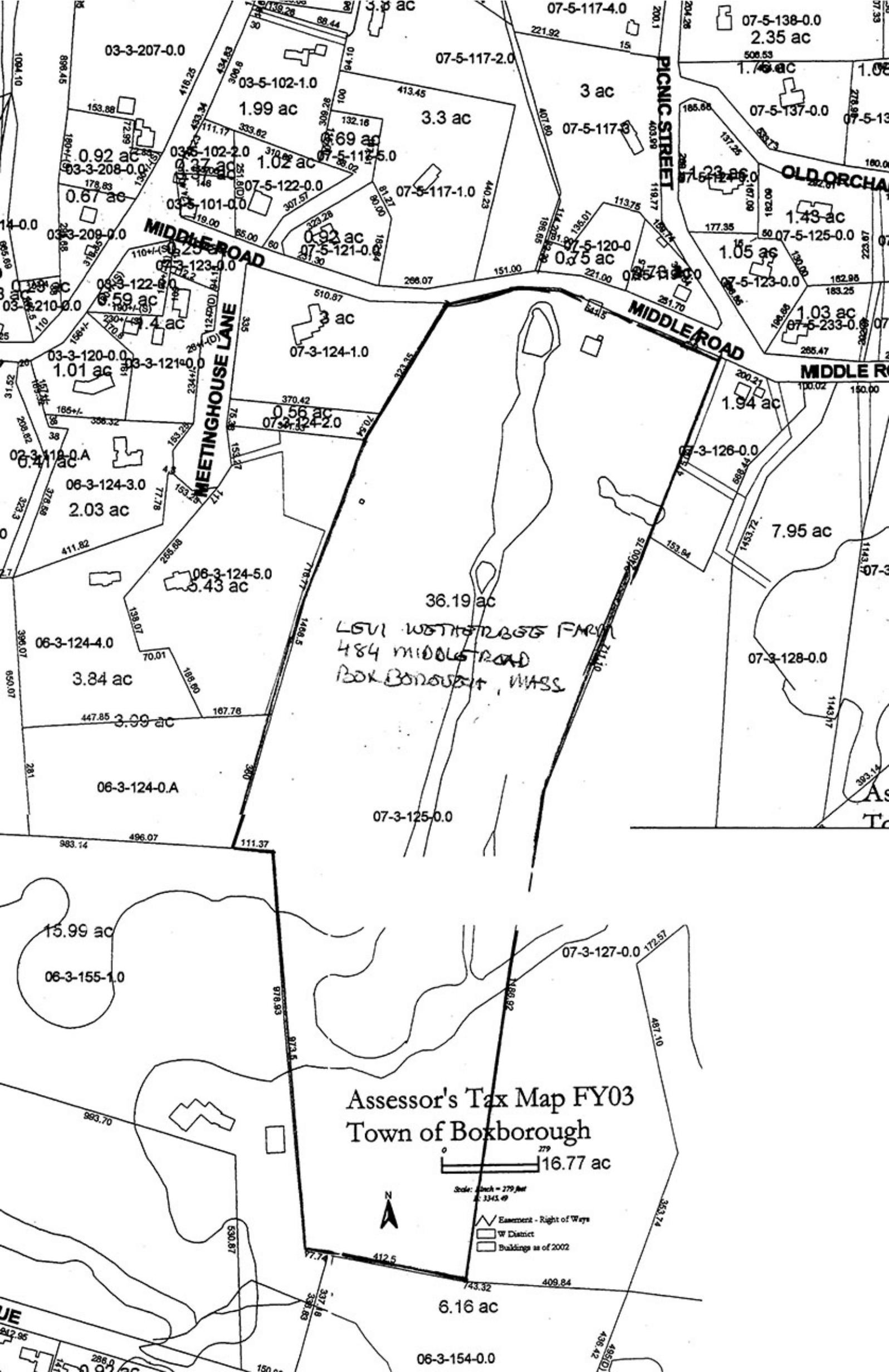
LEVI WETHERBEE FARM  
 484 MIDDLE ROAD  
 BOXBOROUGH, MASS.

MASSACHUSETTS AVENUE  
 ROUTE 111



*The abundance of apple trees in Boxborough is evident in this 1939 aerial photograph. The Middle Road orchards of Burpee F. Steele are shown in the lower right; further up the road is the Town Common and Library Hall. (Photo courtesy of Boxborough Historical Society; gift of E. A. Moore.)*

*AERIAL VIEW OF BOXBOROUGH: HIGH AND MIDDLE ROADS, 1939*



03-3-207-0.0

07-5-117-2.0

07-5-138-0.0  
2.35 ac

03-5-102-1.0  
1.99 ac

3.3 ac

3 ac

1.76 ac

0.92 ac

03-5-102-2.0  
1.02 ac

0.69 ac

07-5-117-3

07-5-137-0.0

MIDDLE ROAD

PICNIC STREET

OLD ORCHARD

0.67 ac

07-5-122-0.0

0.92 ac

07-5-117-1.0

1.23 ac

1.43 ac

0.59 ac

07-5-123-0.0

0.92 ac

07-5-121-0.0

0.75 ac

1.05 ac

07-5-125-0.0

0.4 ac

07-5-124-1.0

3 ac

07-5-120-0

0.75 ac

1.03 ac

07-5-233-0.0

1.01 ac

07-3-124-1.0

0.56 ac

07-5-123-0.0

1.94 ac

07-5-126-0.0

1.03 ac

0.41 ac

07-3-124-2.0

0.56 ac

07-5-123-0.0

7.95 ac

07-3-128-0.0

07-3-128-0.0

2.03 ac

06-3-124-3.0

5.43 ac

07-3-125-0.0

36.19 ac

07-3-128-0.0

07-3-128-0.0

3.84 ac

06-3-124-4.0

06-3-124-5.0

07-3-125-0.0

15.99 ac

06-3-155-1.0

07-3-127-0.0

3.09 ac

06-3-124-0.A

06-3-154-0.0

6.16 ac

6.16 ac

06-3-154-0.0

06-3-154-0.0

15.99 ac

06-3-155-1.0

06-3-154-0.0

06-3-154-0.0

16.77 ac

06-3-154-0.0

06-3-154-0.0

3.84 ac

06-3-124-4.0

06-3-154-0.0

06-3-154-0.0

16.77 ac

06-3-154-0.0

06-3-154-0.0

3.09 ac

06-3-124-0.A

06-3-154-0.0

06-3-154-0.0

16.77 ac

06-3-154-0.0

06-3-154-0.0

3.84 ac

06-3-124-4.0

06-3-154-0.0

06-3-154-0.0

16.77 ac

06-3-154-0.0

06-3-154-0.0

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06-3-154-0.0

16.77 ac

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06-3-154-0.0

3.84 ac

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06-3-154-0.0

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16.77 ac

06-3-154-0.0

06-3-154-0.0

3.84 ac

06-3-124-4.0

06-3-154-0.0

06-3-154-0.0

16.77 ac

06-3-154-0.0

06-3-154-0.0

# Assessor's Tax Map FY03 Town of Bokborough

0 279 16.77 ac

Scale: 1 inch = 279 feet  
1:3345.49



- Easement - Right of Ways
- W District
- Buildings as of 2002

6.16 ac

06-3-154-0.0

LEVI WESTHURST'S FARM  
BOXBOROUGH, MA ZONE 19

④ 292380/4706440

⑤ 292300/4706640

① 292440/4707160  
② 292680/4707120  
③ 292500/4706420  
32' 30"

484 MIDDLE RD  
7.5 X 15 MINUTE SERIES (TOPOGRAPHIC)

290 292 293 294 71° 30' 42° 30' 4708 4707 540000 FEET





1. Levi Wetherbee Farm, view northeast overlooking farmstead; farm pond in left center (Photographer: Anne Forbes, 2004)



2. Levi Wetherbee House, mid-18th C/ca. 1800-1815: south façade and east elevation (Photographer: Anne Forbes, 2004)



3. Levi Wetherbee House, mid-18th C./ca. 1800-1815: north elevation, with barn at rear (Photographer: Anne Forbes, 2004)



4. Levi Wetherbee House, mid-18th C./ca. 1800-1815: looking east, with north and west elevations (Photographer: Anne Forbes, 2004)



5. Levi Wetherbee House, mid-18th C./ca. 1800-1815: southeast chamber: fireplace wall (Photographer: Anne Forbes, 2004)



6. Levi Wetherbee Farm: Steele Barn (1941), with farmhouse in background, looking north (Photographer: Anne Forbes, 2004)



7. View southeast over hay field, with Richardson ice house, (ca. 1904)  
(Photographer: Anne Forbes, 2004)



8. West cart path, looking south (Photographer: Anne Forbes, 2004)



9. Farm landscape, looking south (Photographer: Anne Forbes, 2004)



10. Southeast parlor: fireplace wall (Photographer: Anne Forbes, 2004)



11. Rear kitchen, looking southwest (Photographer: Anne Forbes, 2004)

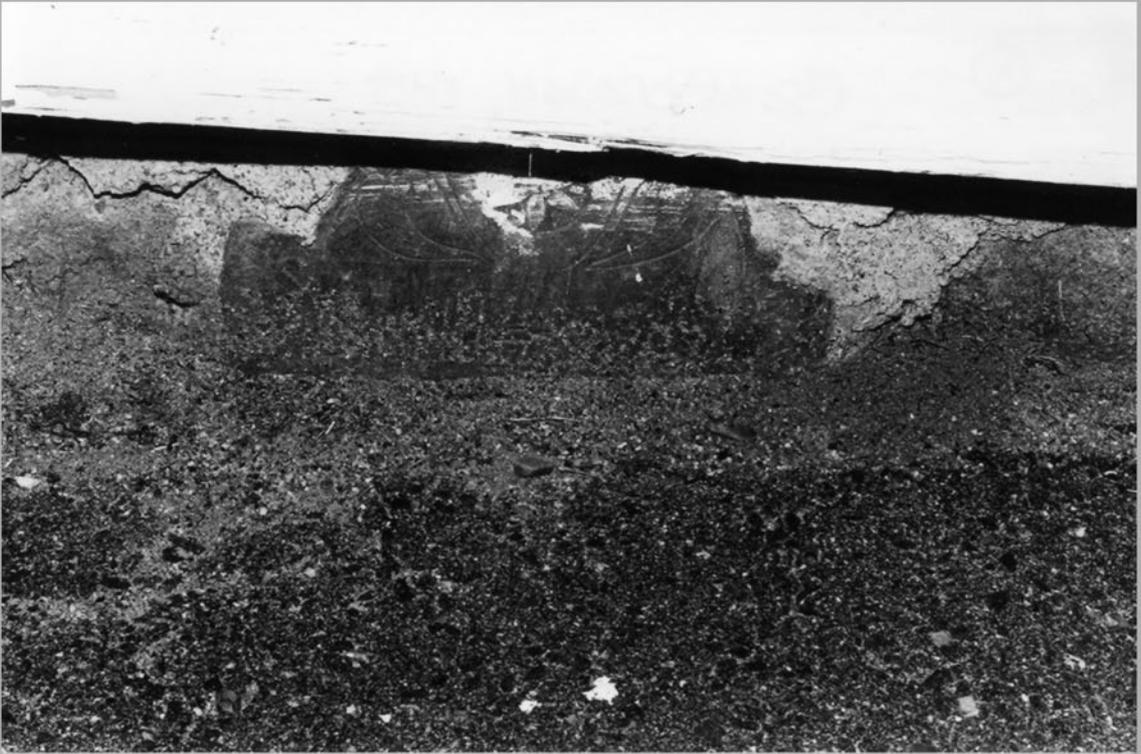


12. Rear kitchen, looking east (Photographer: Anne Forbes, 2004)



13. Rear chamber: fireplace wall (Photographer: Anne Forbes, 2004)

Gravestones in east barn foundation wall



14. North gravestone (Photographer: Anne Forbes, 2006)



15. South gravestone (Photographer: Anne Forbes, 2006)