



PAINTING OF EXTERIOR OF TOWN HALL

ADDENDUM #3

June 28, 2021

Town of Milford, Massachusetts

BID FORM

**“PAINTING OF THE EXTERIOR OF THE TOWN HALL”
52 MAIN STREET, MILFORD MA, 01757**

This bid includes addenda number(s)_____.

The proposed **price** for the **PAINTING OF THE EXTERIOR OF THE TOWN HALL**

IS \$ _____

The price for the **Add alternate #1 – PROPER CLEANING OF THE GOLD LEAF – DOME & EAGLE FINIAL**

IS \$ _____

The price for the **Add alternate #2 – TO PAINT THE MEDALLIONS AND GOLD PAINTED DETAILS**

IS \$ _____

The price for the **Add alternate #3 – NEW GOLD LEAF - DOME AND EAGLE FINIAL TO BE GILDED WITH 23.7+ KARAT GOLD PATENT**

IS \$ _____

Bidder Name: _____ Telephone: _____

Signature _____ Title: _____

Address _____

I/we certify, under pains and penalties of perjury, and in accordance with the provisions of Massachusetts General Law, Chapter 62C, Section 49A, that:

Name of Bidder Federal I.D. Number

has complied with all of the laws of the Commonwealth of Massachusetts in relation to taxation.

Date: _____ Authorized Signature: _____

CERTIFICATE OF NON-COLLUSION

The undersigned certifies, under penalties of perjury, that this bid or proposal has been made and submitted in good faith and without collusion or fraud with any other person. As used in this certification, the word "person" shall mean any natural person, business, partnership, corporation, union, committee, club, or other organization, entity, or group of individuals.

PLEASE TYPE OR PRINT LEGIBLY

Name of Person Signing Bid or Proposal

Name of Company or Business

Signature _____

REFERENCES

Please list a minimum of three (3) similar customers to whom you have provided similar services.

1. Name _____ Title _____
Company _____ Phone __ () _____
Street _____
City _____ State _____ Zip _____

2. Name _____ Title _____
Company _____ Phone __ () _____
Street _____
City _____ State _____ Zip _____

3. Name _____ Title _____
Company _____ Phone __ () _____
Street _____
City _____ State _____ Zip _____

**TOWN OF MILFORD
MILFORD, MASSACHUSETTS 01757**

TO: PROSPECTIVE BIDDERS

PROJECT: PAINTING OF EXTERIOR OF TOWN HALL
52 MAIN STREET, MILFORD, MA 01757

FROM: RICHARD A. VILLANI, TOWN ADMINISTRATOR

DATE: JUNE 28, 2021

This addendum modifies the Invitation to Bid for the Painting of the Exterior of Town Hall as noted above and below.

INFORMATION:

UNDER SECTION "ADDITIONAL PROVISIONS" THE FOLLOWING INFORMATION IS TO BE ADDED TO:

Paragraph 1. Contractor is required to follow all procedures mandated per the Mass. RRP regulations contained in 454 CMR 22.00 to remediate lead paint. See Lead Paint Report Prepared by Capital Environmental, LLC attached hereto (Exhibit A).

Paragraph 4. The contractor is to include the price of wood conservation, repair, restoration and replacement in the base bid. If the contractor chooses, they may note the amount carried for wood conservation, repair, restoration and replacement with individual cost associated with unit prices (See Exhibit B).

Paragraph 5. Contractor is to Scrape, Sand, Prep and prime bare wood areas with a fresh start exterior wood primer to be comparable or equivalent with Benjamin Moore Fresh Start Alkyd Primer.

Paragraph 7. Exterior and rear doors are to be painted. Clock face is not included in the scope of work.

Paragraph 8. All existing signage ("TOWN HALL" sign, etc.) and other existing features are to be painted in Kind (gold paint, etc.) and is to be included in the base bid.

Paragraph 9. Contractor is to use Acrylic Latex exterior paint to be comparable or equivalent with Benjamin Moore Ultra Spec Exterior Low Luster Finish, with the colors to be selected by Owner.

New Paragraph 10. The time lines and schedule can be flexible, mid - August start date is acceptable and a 60-day project / work schedule is acceptable. The project is to be completed prior to any low temperatures that could affect the application of the materials.

New Paragraph 11. **Add alternate #1 Bid Item** – Contractor is to provide a separate Alternate Bid (Price) to Properly clean the gold leaf – Dome and Eagle Finial.

New Paragraph 12. **Add Alternate #2 Bid Item** - Contractor is to provide a separate Alternate Bid (price) to paint the medallions and gold painted details. The materials are to match the In-Kind materials (of the Medallions & gold painted details).

New Paragraph 13. **Add Alternate #3 Bid Item** – Contractor is to provide an Alternate Bid (price) to completely “Re-do” the gold leaf Dome and Eagle Finial. This will include the Dome and Eagle Finial to be Gilded with 23.7+ Karat Gold Patent (see Exhibit C).

END OF ADDENDUM

Exhibit A



Capital Environmental, LLC

Environmental Engineers And Scientists

LEAD PAINT SURVEY

TOWN HALL BUILDING
52 MAIN STREET
MILFORD, MA

PREPARED FOR

TOWN OF MILFORD
52 MAIN STREET
MILFORD, MA

SURVEY PERFORMED BY
CAPITAL ENVIRONMENTAL, LLC
NORTHBOROUGH, MA

MASTER LEAD INSPECTOR
GARY KELLNER
MA LICENSE NO. M-1981
HARVARD ENVIRONMENTAL SERVICES

JUNE 17, 2021

PROJECT NO. 2290

HARVARD ENVIRONMENTAL SERVICES



LEAD PAINT TEST

**Milford Town Hall
52 Main Street
Milford, MA**

Lead Paint Survey
Conducted By:

Gary Kellner
Master Lead Inspector
MA Lic # M-1981

Prepared for:

Capital Environmental
46 Washburn St.
Northborough, MA 01532

Test Date: June 8, 2021

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LEAD PAINT TEST REPORT

Introduction.

Harvard Environmental Services was retained by Capital Environmental to perform lead paint testing at the Milford Town Hall, 52 Main Street, Milford MA. The scope of testing included measurement of the lead content of representative exterior components to assist in planning for repainting the exterior.

Test Methodology.

Testing involved use of a portable X-Ray Fluorescence (XRF) lead paint analyzer to measure the lead concentration in paint. The instrument was model PB200i by Viken Detection. Prior to use, the instrument was tested on ASTM compliant test blocks which contain known concentrations of lead. All readings were within instrument specifications and proper calibration was verified.

Please see Appendix 2 for additional details on the use of X-Ray Fluorescence (XRF) analyzers to test for concentrations of lead in paint.

Test Results.

The photo below shows an example of items which contained lead-based paint.



Pb (lead concentration)
on wood siding = 13.6
mg/cm².

Lead concentrations
greater than or equal to
1.0 mg/cm² are con-
sidered hazardous per
the Mass. Lead-safe
Renovation, Repair
and Painting (RRP)
regulation.

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All lead test results are listed in the table below.

Location/ Area	Section	Component	Lead	Material	Color
				(mg/cm ²)	
Exterior D	1st Floor	Quoin*	11.5	Wood	White
Exterior D	2nd floor	Quoin	20.1	Wood	White
Exterior D	Lower Level	Skirtboard/ Water Table	7.6	Wood	White
Exterior D	1st Floor	Clapboard Face	1.4	Wood	Gray
Exterior D	1st Floor	Clapboard Lower Edge	2.0	Wood	Gray
Exterior D	2nd floor	Window Sill	4.9	Wood	White
Exterior D	2nd floor	Window Apron	18.2	Wood	White
Exterior D	Frieze Bd	Medallion: Leaves	0.0		Gold
Exterior D	Frieze Bd	Medallion:Disk	0.0	Wood	Black
Exterior D	Cornice	Medallions on soffit	28.3		Gold
Exterior D	2nd floor	Pediment*	25.2	Wood	White
Exterior D	Cornice	Soffit	29.5	Wood	White
Exterior D	Cornice	Modillion*	24.5	Wood	White
Exterior D	Cornice	Upper Fascia	28.2	Wood	White
Exterior D	Cornice	Frieze Board*	31.0	Wood	White
Exterior D	Upper Wall	Clapboard	13.6	Wood	Gray
Exterior D	Upper Wall	Window Sash	0.0	Wood	Dark Gray
Exterior D	Mid- Wall	Fascia-left	0.4	Wood	White
Exterior D	Mid- Wall	Fascia-center	0.8	Wood	White
Exterior D	Mid- Wall	Fascia-center rt	0.7	Wood	White
Exterior D	Ledge Above mid-wall Fascia	Flashing	6.3	Sheet Metal	Gray
Exterior C	Lower Level	Door	0.0	Wood	Dark Gray
Exterior C	1st Floor	Clapboard	2.2	Wood	Light Gray
Exterior C	Lower Level	Lower Trim	1.1	Wood	White
Exterior A	1st Floor	Door	10.2	Wood	Dark Gray

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Exterior A	1st Floor	Door Casing	17.5	Wood	Dark Gray
Exterior A	Tower	Railing Baluster	17.7	Wood	White
Exterior A	Tower	Clapboard	8.6	Wood	Light Gray
Exterior A	Tower	Wheel on Bell	0.1	Wood	White
Exterior A	Tower	Corner Board	11.8	Wood	White
Exterior A	Tower	Bell Frame	3.3	Iron	Black
Exterior D	Bsmt Level	Sash	0.0	Wood	Dark Gray
Exterior D	Bsmt Level	Sill	0.0	Wood	Dark Gray
Exterior D	Bsmt Level	Casing	0.0	Wood	Dark Gray

Notes:

Exterior sides are listed as A = street side, then followed clockwise as sides B, C, and D. i.e. Exterior-A = Main St side = North side,

Exterior B = E,

Exterior C = S

Exterior D = W.

* Architectural elements:

Quoin - large block stacked vertically at corners and below columns,

Pediment - decorative arch or gabled trim above large windows,

Modillion - bracket-like component at soffit.

Frieze board - trim panel between top of siding and soffit. Black and gold medallions have been mounted vertically within panel sections on the frieze board.

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Examples of Lead-Painted Components (continued)



Photo above shows the lower trim at top of foundation. High concentrations of lead were measured at the skirt board, aka water table. $Pb = 7.6 \text{ mg/cm}^2$.

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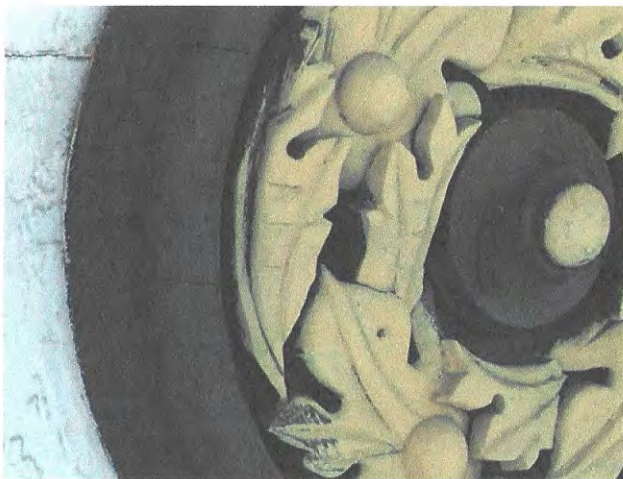
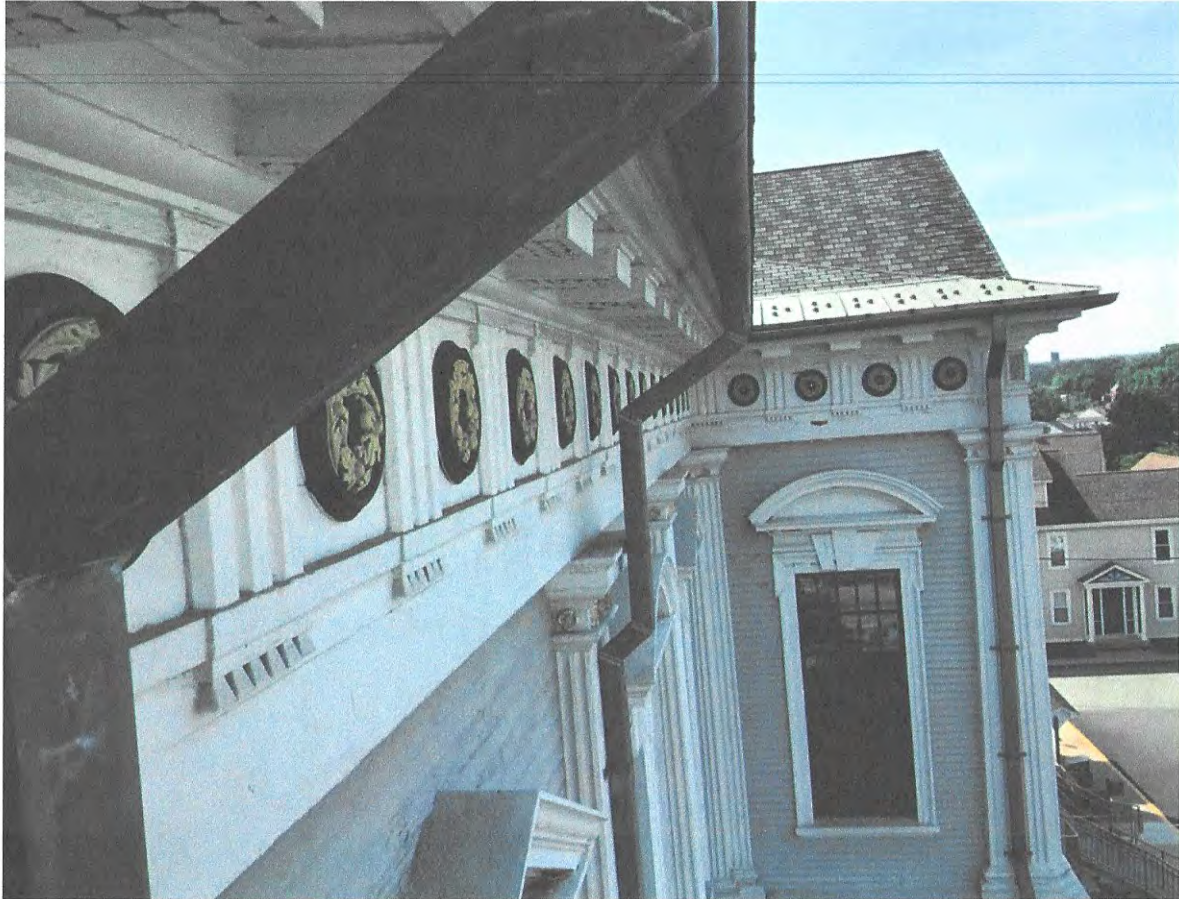
At the siding, lead paint was found in highest concentrations at the upper level. See photo on first page. Pb = 13.6 mg/cm² where thick and crazed.



At the lower level, much of the paint has previously been stripped from the face of the clapboards. However, the lead paint which remains is still at a hazardous level. In this photo, some of the partially stripped clapboards are shown. Pb = 1.4 mg/cm². on the face of the clapboards, Pb = 2.0 mg/cm². on the lower edges of the boards, where less of the paint has been removed.

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At the cornice level, most components contain very high concentrations of lead.



Exceptions are the medallions which are installed vertically on the frieze board. The vertical medallions are relatively new and are lead-free at black disks and gold-colored leaves.

Pb = 0.0 mg/cm².

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Unlike the vertical medallions, the ornate leaf decorations on the soffit are vintage and contain high concentrations of lead.

Pb = 28.3 mg/cm².



The pediments (photo below) contain high concentrations of lead and are in loose and flaking condition. Pb = 25.2 mg/cm².



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Quoins contain high concentrations of lead,
and are in loose and flaking condition. Pb = 20.1 mg/cm².



Window sills and casings
contain high levels of
lead:

Window sill 4.9 mg/cm²
Window apron 18.2 mg/
cm².

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Main front entry doors contain high concentrations of lead. Doors: Pb = 10.2 mg/cm².

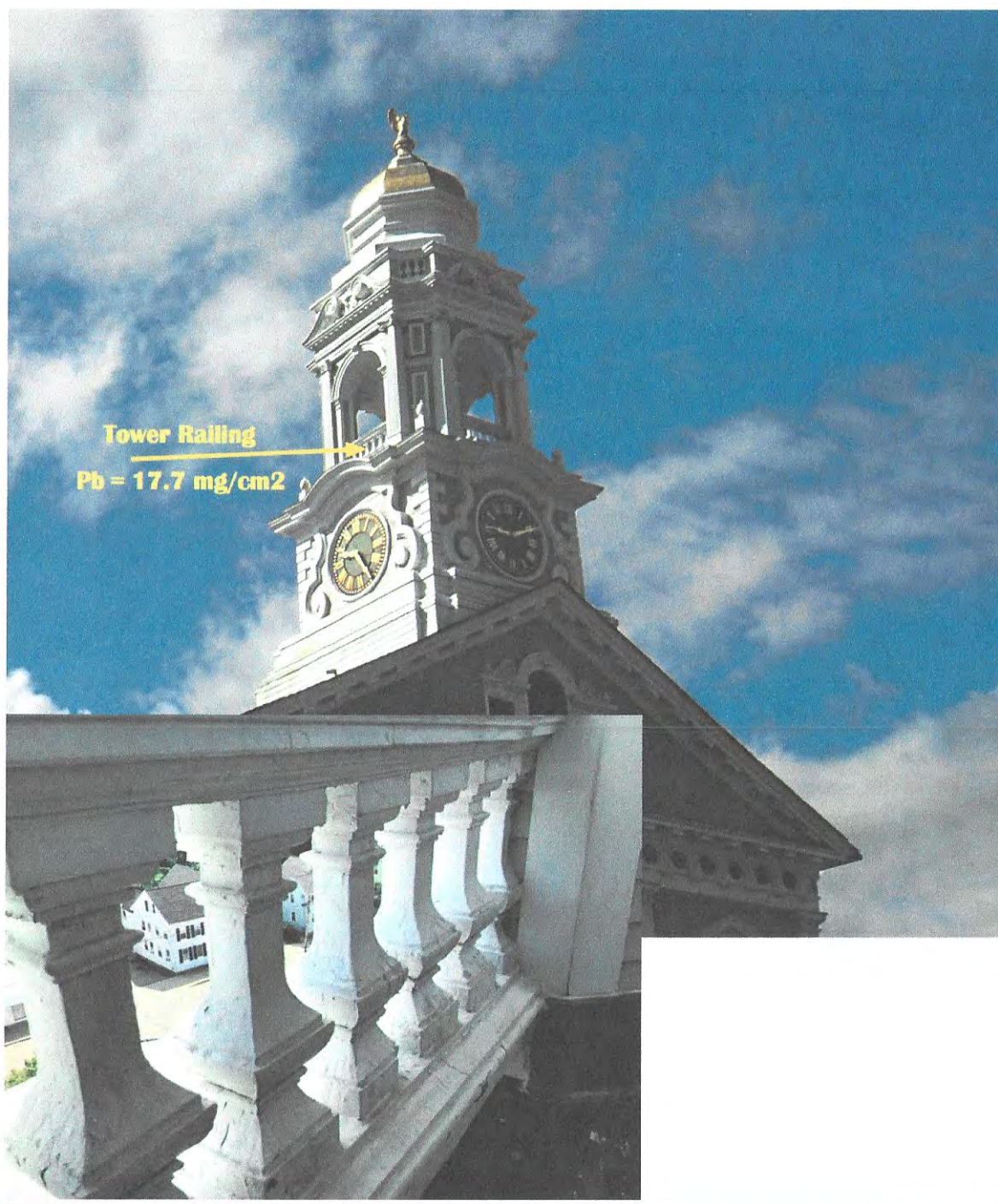
Door casings: Pb = 17.5 mg/cm².

Condition of paint: intact at door with crazing at casing.



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At the bell tower, high concentrations of lead were found at balusters, walls, columns, corner trim, etc.



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Examples of items which do not contain lead paint include:
Basement doors at Exterior D side (south) and window sashes, where tested.



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Summary of Test Results.

- Lead paint was identified at a large number of surfaces at the exterior of the Town Hall.
- Concentrations of lead in the paint are quite high. Typical concentrations are 10 - 30 mg/cm². This is consistent with the age of the building being greater than 150 years..
- Much of the paint is in loose and flaking condition and must be made intact prior to repainting. This will result in a substantial quantity of lead-based paint debris (paint chips) being generated.

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Discussion of Test Results.

The presence of lead in the paint on most exterior building components has implications for painting and, more specifically, paint prep, activities. Relevant regulations are focused on:

- protecting workers who may be performing work during renovations,
- protecting the environment from contamination during on-site work and if the paint is removed, during transportation of materials or debris, and
- disposal of materials or debris from demolition or from paint removal.

Protection of workers from lead exposure is addressed by 29 CFR 1926.62, the OSHA Lead-in-construction standard. For OSHA compliance, all detectable lead concentrations are relevant for assessing potential exposure of workers to airborne lead particles during demolition and maintenance activities. Without adequate respiratory protection, workers must not be exposed to lead-containing fumes or airborne lead particles in excess of 50 micrograms per cubic meter of air. Airborne particulates may be generated during demolition activities when cutting grinding or ripping lead-painted steel.

Protection of the environment: The EPA's Resource Conservation and Recovery Act (RCRA) and Massachusetts environmental regulations require that waste generated during projects where lead-based paint is present and will be disposed of is tested for the Toxicity Characteristic Leachate Procedure, also called TCLP. TCLP testing is performed to determine whether waste, including construction or demolition debris must be classified as hazardous due to lead content or if it can be disposed in a conventional construction and demolition (C&D) landfill. The regulatory limit for lead toxicity is 5.0 milligrams per liter (mg/L) in a test solution using EPA Method SW846-7420 for lab testing of waste samples.

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Recommendations.

When planning paint prep activities, all contractors and their affected employees should be made aware of the presence of lead paint testing results to satisfy the hazard communication requirements set forth by OSHA regulations. Specifically, contractors and subcontractors should be required to comply with OSHA regulations including 29 CFR 1926.62, *Lead Exposure in Construction: Interim Final Rule* and 29 CFR 1926.59, *Hazard Communication for the Construction Industry*. This could be accomplished by providing them with a copy of this report.

Although Massachusetts and EPA regulations for Lead-Safe Renovation, Repair and Painting (RRP) do not apply directly to the work planned for the Town Hall painting project as the building is neither residential nor a child care facility. However, following the RRP rules would be the best way to protect the painting contractor's workers, town employees, and members of the public who are using the building.

For that reason, it is **highly recommended that the Town require the painting contractor to follow all procedures mandated per the Mass. RRP regulations contained in 454CMR 22.00.** That starts with a requirement that the contractor be trained and certified for Lead-Safe Renovation, Repair and Painting, and be registered as such with the MA Department of Labor Standards. The latest list of Lead-Safe registered firms is posted at mass.gov/dols.

While work is being done, it will be important for the contractor to fully cover the ground adjacent to the building, keep all doors and windows closed while work is performed, contain and collect all paint chips and other debris. The paint debris should be segregated in barrels and marked with the contents. Following all paint prep, the barrels of debris should be made available to Capital Environmental for testing per the Toxicity Characteristic Leachate Procedure (TCLP) to determine whether it must be disposed of as hazardous waste.

Appendix 1.

Overview of contractor requirements for general compliance with RRP rules.

The following is adapted from EPA guidance materials per <http://www.epa.gov/lead/pubs/renovation.htm#contractors>

As a contractor, you play an important role in helping to prevent lead exposure. Ordinary renovation and maintenance activities can create dust that contains lead. By following the lead-safe work practices, you can prevent lead hazards.

Contractors who perform renovation, repairs, and painting jobs in pre-1978 housing and child-occupied facilities must, before beginning work, provide owners, tenants, and child-care facilities with a copy of EPA's lead hazard information pamphlet [Renovate Right: Important Lead Hazard Information for Families, Child Care Providers, and Schools \(PDF\)](#) (11 pp., 1.1MB) | Contractors must document compliance with this requirement; EPA's [pre-renovation disclosure form \(PDF\)](#) (1 pp., 53K) may be used for this purpose.

Understand that since 2010, Massachusetts and federal law require you to be certified and to use lead-safe work practices. To become certified, renovation contractors must submit an application and fee payment to the Commonwealth of Mass.

Contractors who perform renovation, repairs, and painting jobs should also:

- Take training to learn how to perform lead-safe work practices.

 - Find a training provider at www.mass.gov/dols that has been accredited by Massachusetts to provide training for renovators under the Renovation, Repair, and Painting (RRP) Program.

 - Please note that if you previously completed an eligible renovation training course you may take the 4-hour refresher course instead of the 8-hour initial course from an accredited training provider to become a certified renovator.

- Provide a copy of your Massachusetts lead training certificate to your client.

- Learn the lead laws that apply to you regarding certification and lead-safe work practices.

- Ask your client to share the results of any previously conducted lead tests.

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Keep records to demonstrate that you and your workers have been trained in lead-safe work practices and that you follow lead-safe work practices on the job. To make record keeping easier, you may use the [sample record keeping checklist \(PDF\)](#) (1 pg., 83K) that EPA has developed to help contractors comply with the renovation record keeping requirements that took effect April 22, 2010.

Read about how to comply with EPA's rule in the [EPA Small Entity Compliance Guide to Renovate Right \(PDF\)](#) (34 pp, 2.5MB) Read about how to use lead-safe work practices in EPA's [Steps to Lead Safe Renovation, Repair and Painting \(PDF\)](#) (36 pp., 878K) | [en español \(PDF\)](#) (36 pp., 1.5MB).

Contractors should also read the EPA Enforcement Alert newsletter titled [Compliance with New Federal Lead-Based Paint Requirements \(PDF\)](#) (4 pp., 120K).

Appendix 2.

Using X-Ray Fluorescence to test for lead in paint.

To obtain a reading, the instrument is placed against the painted component. When the trigger is depressed, a shutter opens, exposing the surface to ionization which causes metals present to fluoresce invisibly. The instrument contains a sensitive detector which measures the fluorescence, and analyzes the observed energy pattern to determine the identity and quantity of metals present. Lead content is indicated in real time on a digital display. Concentrations of lead are displayed as milligrams lead per square centimeter. The accuracy of readings is approx. 0.1 mg/cm² per standard deviation.

End of Report

Exhibit B

CARPENTRYSECTION 06200
WOODWORK REPAIRS

PART 1 -GENERAL

1.1 References

- A. The General Conditions, Amendments to the General Conditions and Supplementary General Conditions shall be included in and made part of this SECTION.
- B. Examine all Drawings and all other SECTIONS of the Specifications for requirements affecting the work of this trade.

1.2 Work Included

- A. The work required shall consist of all labor, material, tools, appliances, and services to accomplish the following:
 - 1. Repair, conserve and replace as necessary all exterior wood.
Note that epoxy products can be used, when appropriate and that epoxy wood filler will be used to completely seal joints.
 - 2. Similarly, after all window sills are stripped and sanded, spread a thin coat of the specified epoxy wood filler over each, carefully filling all fissures and gouges, where needed.

2.4 Glue

- A. Glue for piecing new wood into old shall be an internally plasticized resorcinolformaldehyde product approved by the Architect, or a suitable epoxy resin.

2.5 Wood Filler and Epoxy Saturant

- A. Wood Filler and Epoxy Saturant for consolidation of deteriorated wood work shall be as manufactured by Gougeon Brothers, Inc., 706 Martin St., Bay City, MI 48706, and marketed as the WEST SYSTEM. Filler shall consist of 2-part epoxy mixed with phenolic micro balloons.
- B. Other epoxy-based wood fillers or saturants may be acceptable as equals, but must be submitted for approval. Please note: These products are substantially more expensive than conventional fillers and no non-epoxy substitutions will be allowed.

PART 3 - EXECUTION

3.1 Wood Conservation

- A. The intent of the work is to leave all exterior woodwork weathertight, securely fastened, and ready for painting, and to leave all window sills similarly sound.

Some of the work under this Section will need to be done after the painter's surface preparation, so that this Section and Section 09900 will be **very closely coordinated.**

- B. All surfaces and window sills will be inspected by the Town **before** priming, at the conclusion of epoxy work.

Section 06200 - 3 Woodwork Repairs

- C. All punky wood will be either replaced or consolidated in place. Consolidation will be as per West System requirements, and will consist of drilling holes, injecting the epoxy consolidation, and closing holes with epoxy wood fillers. Holes will be spaced and dimensioned as recommended in the West System literature.

- D. Deteriorated end grain, open miters and joints, splits, gouges, and other imperfections will be conserved by first brushing the prepared wood surface with epoxy consolidant, and then filling in open areas with an epoxy / micro balloon wood filler.
- E. The contractor shall have the option to replace deteriorated features, and must replace all missing woodwork, but new replacement components must exactly match profiles of existing woodwork. Use original pieces to match profiles.
- F. Special attention is drawn to the need to need for re-nailing loos trim.
- G. If parts of an element are replaced, use only the specified waterproof glue or a suitable epoxy to piece-in new components.
- H. Any new wood or any piece which needs to be re-installed needs to back-primed with the special preservative before final installation.

DIVISION 9 - FINISHES
SECTION 09900
PAINTING

1.01 Work Included

- A. The work required shall consist of all labor, materials, tools, appliances, and services to accomplish the following:
1. Carefully prep entire exterior, including tower, to remove all failed paint coats, and sand raised grain and any remaining paint edges. Strip selected areas or ornamental items chemically, as necessary and as specified. Special care will need to be given to window sills, downspouts, and all surfaces of the tower.
 2. As carpentry repairs progress on the tower (Section 06200), back prime all new and temporarily removed exterior decorative wood trim prior to re-assembly and installation under that section.
 3. Fully caulk building exterior prior to repainting. Note that on the tower and on window sills epoxy wood filler will be applied under section 06200 instead of caulking.
 4. Paint all exterior woodwork as specified, allowing for a body color, a trim color, and small amounts of one other accent color plus gold paint.

1.03 Related Work

- A. All work in this Manual is part of a closely coordinated single project, to be coordinated by the Roofing Contractor as General Contractor. As he will provide ten-year personal warranty on the watertightness of the tower, work in this area will receive his closest scrutiny.

PART 2 - MATERIALS

- 2.01 Unless a change in writing is issued by the Architect, all materials shall strictly conform to the following:

- A. Paint:
1. Manufacturer:
Benjamin Moore, Milford.
 2. Primer:
Benjamin Moore
 3. Paint:
Benjamin Moore
- B. Thinners: For Primer, Mineral Spirits, as recommended by manufacturer. For Paint, boiled linseed oil. Clean-up: Mineral Spirits.
- C. Mildew Inhibitor: Two ounces shall be added per gallon of exterior paint, Tenneco Super-Add-It or approved equal. If another product is used, proportions may have to be adjusted to achieve equivalent protection.
- D. Caulking: Shall be an Acrylic Latex product as **recommended by the paint manufacturer**, or "Boat life Life Caulk" polysulfide compound as manufactured by the Flo-Paint Company of Hicksville, New York, or approved equal. Please note that only the very best caulking shall be considered. The primer used for the caulking shall be as specified by the caulking manufacturer.
- E. Special Requirements: The Contractor shall keep on site all empty caulking tubes. These may only be discarded after the Architect makes a final count at Substantial Completion.

PART 3 -EXECUTION

3.01 Lead Precautions

- A. The Contractor's attention is drawn to the fact that some lead paint may still exist below the surface of this old building. Unless the Contractor determines otherwise, the presence of lead should be assumed and the following precautions taken:

**Town Hall Exterior Repainting
Milford, Massachusetts**

1. Follow all OSHA guidelines concerning safety of workmen and proper practices and procedures.
2. Prior to starting work, vacuum up all paint flakes on ground with HEPA vacs, and dispose of this material according to all applicable codes and regulations.
3. Prior to surface prep, put down and fasten polyethylene material 8 feet wide around perimeter of building, to catch scraped flakes. Dispose of material caught therein according to all applicable laws and regulations.
4. Refrain from prep work, scraping or sanding on windy days, as defined by OSHA and all other authorities having jurisdiction. 3.2 Preparation of Surfaces
 - A. Brush and scrape all loose paint from the wood, using putty knives and hand wire brushes. No power tools are to be used. Be careful not to pull soft wood grain from surfaces; or in any other way gouge, scar, or splinter wood. Feather all paint edges by hand with sandpaper. Particular attention must be paid to ornaments, which must retain their sharp edges. On such hard-to-reach areas and areas of heavy paint build-up, the use of a paint remover will be permitted. Where rusted nails are present, tamp nail head below surface of adjacent wood siding and caulk over nail head to eliminate rust bleed through. Note that peeling is currently prevalent only at window sills and downspouts.
 - B. No heat method of paint removal shall be allowed.
 - C. In areas discolored by mildew or mold due to moisture, etc., proper cleaning prior to priming will assure adherence of primer and finish coats to be applied later. Recommended cleaning solution consists of:
 1. 3 oz. (2/3 cup) trisodium phosphate cleaner
 2. 1 oz. (1/3 cup) detergent
 3. 1 qt. 5% sodium hypochlorite bleach
 4. 3 qts. warm water - (make approx. one gallon)
 - D. Under Section 06200, the General Contractor must fill all cracks restoring a smooth and even surface to the wood, and sand as necessary. Follow manufacturer's specifications closely. Once surfaces are prepared, the Contractor shall notify the Architect so that surfaces may be inspected prior to painting. They shall be dry, free of foreign matter, voids, blemishes, and excessive paint build-up.

Painting and Caulking

Town Hall Exterior Repainting

Milford, Massachusetts

E. Architect must be given **one week notice** for each of the following important inspections:

1. Wood conservation completed
2. Prep work ready for inspecting

Areas may be inspected separately so that Contractor may proceed on those that have passed inspection.

3.03 Exterior Priming and Caulking

- A. Use drop cloths free of holes to protect all surfaces not to be painted.
- B. Prime all bare wood surfaces according to manufacturer's specifications. Do not apply paint materials when temperature is below 50 degrees F., or on surfaces in direct sun, or where dust is being generated which would speck the paint. Do not apply in damp or rainy weather.
- C. After prime coat is dry, caulk around perimeter of all window and door frames, and all other openings on the building exterior. Particular care should be taken to caulk around projecting ornamental woodwork and any other possible avenues of water penetration.
- D. Secure the approval of the Architect before proceeding.
- E. Note that primed and approved areas **cannot** be painted until 48 hours have elapsed since priming. Thereafter, they **must** be painted within 7 days from when the primer was applied. **This schedule will be strictly enforced.**

3.04 Exterior Painting

- A. Two finish coats shall be applied over the primer, as per manufacturer's specifications.

**Town Hall Exterior Repainting
Milford, Massachusetts**

- B. Brush-apply paint evenly without runs, sags or other defects, each coat shall be thoroughly worked into the material being coated at the average rate of coverage recommended by the material manufacturer for the type surface involved. Cover all surfaces completely to provide uniform color and appearance. All parts of moldings, trim, ornaments, edges and sills shall be left clean and true to details without undue amount of paint in corners or depressions. Make edges of colors sharp and clean, without overlapping.

END OF SECTION

Section 09900 - S

Exhibit C

2.5 Gilding

- A. Gilding shall be 23K patent gold applied over sizing.
- B. Ground color for area under gold leaf shall be yellow ochre paint. Color shall be as directed by the Architect.
- C. Sizing for area under gold leaf shall be quick drying goldsize.

PART 3 - EXECUTION

3.1 Storage and Use of Materials

- A. Materials shall be stored only in designated spaces, in a manner which meets the requirements of applicable fire regulations. Remove oily rags used for cleanup from the premises. Each space where painting materials are being used shall be provided with a dry chemical type fire extinguisher, minimum 10#, rated for A, B & C fires. There will be NO SMOKING inside the building or on the staging.

3.2 Inspection of Surfaces

- A. Before proceeding with the application of paint, the Contractor shall inspect all surfaces and shall determine whether surfaces are in suitable condition to receive paint. The Contractor shall notify the Architect of any defects found in the surfaces to receive paint, especially at exterior woodwork, where wood conservation is to be performed by others.
- B. Starting of painting operations under this section shall be construed as acceptance of surfaces and any subsequent defects resulting from such accepted surfaces shall be corrected by the Contractor at no additional cost to the Owner.

3.3 Lead Paint

- A. During preparation the Contractor shall be aware that there may be lead paint materials on certain sections of the work area.
- B. The Contractor shall give all notices required by, and comply with all applicable laws, ordinances, codes and requirements of state and local agencies in performing the work.
- C. The Contractor shall comply with all local laws and requirements governing the removal, isolation, clean-up and disposal of any hazardous materials associated with lead paint.

3.4 Protection of Surfaces

- A. Furnish and lay suitable drop cloths in all areas where painting is being done to protect roofs and all other finished surfaces from damage during work. Use dropcloths for exterior painting to protect roof shingles and wall surfaces, landscaping, paving and exterior features from paint drips.

Prevailing Wage Rates



CHARLES D. BAKER
Governor

KARYN E. POLITO
Lt. 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

ROSALIN ACOSTA
Secretary
MICHAEL FLANAGAN
Director

Awarding Authority: Town of Milford - Select Board
Contract Number: City/Town: MILFORD
Description of Work: The project consists of the Painting of the Exterior of Town Hall located at 52 Main St., Milford, MA. The work to be the painting of the exterior of the building and also include dome.
Job Location: 52 Main Street

Information about Prevailing Wage Schedules for Awarding Authorities and Contractors

- This wage schedule applies only to the specific project referenced at the top of this page and uniquely identified by the "Wage Request Number" on all pages of this schedule.
 - An Awarding Authority must request an updated wage schedule from the Department of Labor Standards ("DLS") if it has not opened bids or selected a contractor within 90 days of the date of issuance of the wage schedule. For CM AT RISK projects (bid pursuant to G.L. c.149A), the earlier of: (a) the execution date of the GMP Amendment, or (b) the bid for the first construction scope of work must be within 90-days of the wage schedule issuance date.
 - The wage schedule shall be incorporated in any advertisement or call for bids for the project as required by M.G.L. c. 149, § 27. The wage schedule shall be made a part of the contract awarded for the project. The wage schedule must be posted in a conspicuous place at the work site for the life of the project in accordance with M.G.L. c. 149 § 27. The wages listed on the wage schedule must be paid to employees performing construction work on the project whether they are employed by the prime contractor, a filed sub-bidder, or any sub-contractor.
 - All apprentices working on the project are required to be registered with the Massachusetts Department of Labor Standards, Division of Apprentice Standards (DLS/DAS). Apprentice must keep his/her apprentice identification card on his/her person during all work hours on the project. An apprentice registered with DAS may be paid the lower apprentice wage rate at the applicable step as provided on the prevailing wage schedule. **Any apprentice not registered with DLS/DAS regardless of whether or not they are registered with any other federal, state, local, or private agency must be paid the journeyworker's rate for the trade.**
 - The wage rates will remain in effect for the duration of the project, except in the case of multi-year public construction projects. For construction projects lasting longer than one year, awarding authorities must request an updated wage schedule. Awarding authorities are required to request these updates no later than two weeks before the anniversary of the date the contract was executed by the awarding authority and the general contractor. For multi-year CM AT RISK projects, awarding authority must request an annual update no later than two weeks before the anniversary date, determined as the earlier of: (a) the execution date of the GMP Amendment, or (b) the execution date of the first amendment to permit procurement of construction services. Contractors are required to obtain the wage schedules from awarding authorities, and to pay no less than these rates to covered workers. The annual update requirement is not applicable to 27F "rental of equipment" contracts.
 - Every contractor or subcontractor which performs construction work on the project is required to submit weekly payroll reports and a Statement of Compliance directly to the awarding authority by mail or email and keep them on file for three years. Each weekly payroll report must contain: the employee's name, address, occupational classification, hours worked, and wages paid. Do not submit weekly payroll reports to DLS. A sample of a payroll reporting form may be obtained at <http://www.mass.gov/dols/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.
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Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Construction						
(2 AXLE) DRIVER - EQUIPMENT <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	06/01/2021	\$35.95	\$12.91	\$14.82	\$0.00	\$63.68
	08/01/2021	\$35.95	\$13.41	\$14.82	\$0.00	\$64.18
	12/01/2021	\$35.95	\$13.41	\$16.01	\$0.00	\$65.37
(3 AXLE) DRIVER - EQUIPMENT <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	06/01/2021	\$36.02	\$12.91	\$14.82	\$0.00	\$63.75
	08/01/2021	\$36.02	\$13.41	\$14.82	\$0.00	\$64.25
	12/01/2021	\$36.02	\$13.41	\$16.01	\$0.00	\$65.44
(4 & 5 AXLE) DRIVER - EQUIPMENT <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	06/01/2021	\$36.14	\$12.91	\$14.82	\$0.00	\$63.87
	08/01/2021	\$36.14	\$13.41	\$14.82	\$0.00	\$64.37
	12/01/2021	\$36.14	\$13.41	\$16.01	\$0.00	\$65.56
ADS/SUBMERSIBLE PILOT <i>PILE DRIVER LOCAL 56 (ZONE 2)</i>	08/01/2020	\$103.05	\$9.40	\$23.12	\$0.00	\$135.57
For apprentice rates see "Apprentice- PILE DRIVER"						
AIR TRACK OPERATOR <i>LABORERS - ZONE 2</i>	06/01/2021	\$35.75	\$8.60	\$16.64	\$0.00	\$60.99
	12/01/2021	\$36.66	\$8.60	\$16.64	\$0.00	\$61.90
	06/01/2022	\$37.56	\$8.60	\$16.64	\$0.00	\$62.80
	12/01/2022	\$38.41	\$8.60	\$16.64	\$0.00	\$63.65
	06/01/2023	\$39.31	\$8.60	\$16.64	\$0.00	\$64.55
	12/01/2023	\$40.21	\$8.60	\$16.64	\$0.00	\$65.45
For apprentice rates see "Apprentice- LABORER"						
AIR TRACK OPERATOR (HEAVY & HIGHWAY) <i>LABORERS - ZONE 2 (HEAVY & HIGHWAY)</i>	06/01/2021	\$35.75	\$8.60	\$16.64	\$0.00	\$60.99
	12/01/2021	\$36.66	\$8.60	\$16.64	\$0.00	\$61.90
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"						
ASBESTOS WORKER (PIPES & TANKS) <i>HEAT & FROST INSULATORS LOCAL 6 (WORCESTER)</i>	12/01/2020	\$38.10	\$12.80	\$9.45	\$0.00	\$60.35
ASPHALT RAKER <i>LABORERS - ZONE 2</i>	06/01/2021	\$35.25	\$8.60	\$16.64	\$0.00	\$60.49
	12/01/2021	\$36.16	\$8.60	\$16.64	\$0.00	\$61.40
	06/01/2022	\$37.06	\$8.60	\$16.64	\$0.00	\$62.30
	12/01/2022	\$37.91	\$8.60	\$16.64	\$0.00	\$63.15
	06/01/2023	\$38.81	\$8.60	\$16.64	\$0.00	\$64.05
	12/01/2023	\$39.71	\$8.60	\$16.64	\$0.00	\$64.95
For apprentice rates see "Apprentice- LABORER"						
ASPHALT RAKER (HEAVY & HIGHWAY) <i>LABORERS - ZONE 2 (HEAVY & HIGHWAY)</i>	06/01/2021	\$35.25	\$8.60	\$16.64	\$0.00	\$60.49
	12/01/2021	\$36.16	\$8.60	\$16.64	\$0.00	\$61.40
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"						
ASPHALT/CONCRETE/CRUSHER PLANT-ON SITE <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2021	\$50.73	\$13.75	\$15.80	\$0.00	\$80.28
	12/01/2021	\$51.88	\$13.75	\$15.80	\$0.00	\$81.43
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
BACKHOE/FRONT-END LOADER <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2021	\$50.73	\$13.75	\$15.80	\$0.00	\$80.28
	12/01/2021	\$51.88	\$13.75	\$15.80	\$0.00	\$81.43
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
BARCO-TYPE JUMPING TAMPER <i>LABORERS - ZONE 2</i>	06/01/2021	\$35.25	\$8.60	\$16.64	\$0.00	\$60.49
	12/01/2021	\$36.16	\$8.60	\$16.64	\$0.00	\$61.40
	06/01/2022	\$37.06	\$8.60	\$16.64	\$0.00	\$62.30
	12/01/2022	\$37.91	\$8.60	\$16.64	\$0.00	\$63.15
	06/01/2023	\$38.81	\$8.60	\$16.64	\$0.00	\$64.05
	12/01/2023	\$39.71	\$8.60	\$16.64	\$0.00	\$64.95

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
For apprentice rates see "Apprentice- LABORER"						
BLOCK PAVER, RAMMER / CURB SETTER <i>LABORERS - ZONE 2</i>	06/01/2021	\$35.75	\$8.60	\$16.64	\$0.00	\$60.99
	12/01/2021	\$36.66	\$8.60	\$16.64	\$0.00	\$61.90
	06/01/2022	\$37.56	\$8.60	\$16.64	\$0.00	\$62.80
	12/01/2022	\$38.41	\$8.60	\$16.64	\$0.00	\$63.65
	06/01/2023	\$39.31	\$8.60	\$16.64	\$0.00	\$64.55
	12/01/2023	\$40.21	\$8.60	\$16.64	\$0.00	\$65.45
For apprentice rates see "Apprentice- LABORER"						
BLOCK PAVER, RAMMER / CURB SETTER (HEAVY & HIGHWAY) <i>LABORERS - ZONE 2 (HEAVY & HIGHWAY)</i>	06/01/2021	\$35.75	\$8.60	\$16.64	\$0.00	\$60.99
	12/01/2021	\$36.66	\$8.60	\$16.64	\$0.00	\$61.90
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"						
BOILER MAKER <i>BOILERMAKERS LOCAL 29</i>	01/01/2020	\$46.10	\$7.07	\$17.98	\$0.00	\$71.15

Apprentice - BOILERMAKER - Local 29

Effective Date - 01/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	65	\$29.97	\$7.07	\$11.69	\$0.00	\$48.73
2	65	\$29.97	\$7.07	\$11.69	\$0.00	\$48.73
3	70	\$32.27	\$7.07	\$12.59	\$0.00	\$51.93
4	75	\$34.58	\$7.07	\$13.49	\$0.00	\$55.14
5	80	\$36.88	\$7.07	\$14.38	\$0.00	\$58.33
6	85	\$39.19	\$7.07	\$15.29	\$0.00	\$61.55
7	90	\$41.49	\$7.07	\$16.18	\$0.00	\$64.74
8	95	\$43.80	\$7.07	\$17.09	\$0.00	\$67.96

Notes:

Apprentice to Journeyworker Ratio:1:4

BRICK/STONE/ARTIFICIAL MASONRY (INCL. MASONRY WATERPROOFING) <i>BRICKLAYERS LOCAL 3 (LOWELL)</i>	02/01/2021	\$53.61	\$11.39	\$21.41	\$0.00	\$86.41
	08/01/2021	\$55.01	\$11.39	\$21.57	\$0.00	\$87.97
	02/01/2022	\$55.59	\$11.39	\$21.57	\$0.00	\$88.55

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate	
Apprentice - BRICK/PLASTER/CEMENT MASON - Local 3 Lowell							
Effective Date - 02/01/2021							
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate	
1	50	\$26.81	\$11.39	\$21.41	\$0.00	\$59.61	
2	60	\$32.17	\$11.39	\$21.41	\$0.00	\$64.97	
3	70	\$37.53	\$11.39	\$21.41	\$0.00	\$70.33	
4	80	\$42.89	\$11.39	\$21.41	\$0.00	\$75.69	
5	90	\$48.25	\$11.39	\$21.41	\$0.00	\$81.05	
Effective Date - 08/01/2021							
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate	
1	50	\$27.51	\$11.39	\$21.57	\$0.00	\$60.47	
2	60	\$33.01	\$11.39	\$21.57	\$0.00	\$65.97	
3	70	\$38.51	\$11.39	\$21.57	\$0.00	\$71.47	
4	80	\$44.01	\$11.39	\$21.57	\$0.00	\$76.97	
5	90	\$49.51	\$11.39	\$21.57	\$0.00	\$82.47	
Notes:							
Apprentice to Journeyworker Ratio:1:5							
BULLDOZER/GRADER/SCRAPER		06/01/2021	\$50.19	\$13.75	\$15.80	\$0.00	\$79.74
<i>OPERATING ENGINEERS LOCAL 4</i>		12/01/2021	\$51.33	\$13.75	\$15.80	\$0.00	\$80.88
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
CAISSON & UNDERPINNING BOTTOM MAN		06/01/2021	\$41.82	\$8.60	\$17.72	\$0.00	\$68.14
<i>LABORERS - FOUNDATION AND MARINE</i>		12/01/2021	\$42.83	\$8.60	\$17.72	\$0.00	\$69.15
For apprentice rates see "Apprentice- LABORER"							
CAISSON & UNDERPINNING LABORER		06/01/2021	\$40.67	\$8.60	\$17.72	\$0.00	\$66.99
<i>LABORERS - FOUNDATION AND MARINE</i>		12/01/2021	\$41.68	\$8.60	\$17.72	\$0.00	\$68.00
For apprentice rates see "Apprentice- LABORER"							
CAISSON & UNDERPINNING TOP MAN		06/01/2021	\$40.67	\$8.60	\$17.72	\$0.00	\$66.99
<i>LABORERS - FOUNDATION AND MARINE</i>		12/01/2021	\$41.68	\$8.60	\$17.72	\$0.00	\$68.00
For apprentice rates see "Apprentice- LABORER"							
CARBIDE CORE DRILL OPERATOR		06/01/2021	\$35.25	\$8.60	\$16.64	\$0.00	\$60.49
<i>LABORERS - ZONE 2</i>		12/01/2021	\$36.16	\$8.60	\$16.64	\$0.00	\$61.40
		06/01/2022	\$37.06	\$8.60	\$16.64	\$0.00	\$62.30
		12/01/2022	\$37.91	\$8.60	\$16.64	\$0.00	\$63.15
		06/01/2023	\$38.81	\$8.60	\$16.64	\$0.00	\$64.05
		12/01/2023	\$39.71	\$8.60	\$16.64	\$0.00	\$64.95
For apprentice rates see "Apprentice- LABORER"							
CARPENTER		03/01/2021	\$43.54	\$9.40	\$18.95	\$0.00	\$71.89
<i>CARPENTERS -ZONE 2 (Eastern Massachusetts)</i>		09/01/2021	\$44.19	\$9.40	\$18.95	\$0.00	\$72.54
		03/01/2022	\$44.79	\$9.40	\$18.95	\$0.00	\$73.14
		09/01/2022	\$45.44	\$9.40	\$18.95	\$0.00	\$73.79
		03/01/2023	\$46.04	\$9.40	\$18.95	\$0.00	\$74.39

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - CARPENTER - Zone 2 Eastern MA

Effective Date - 03/01/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$21.77	\$9.40	\$1.73	\$0.00	\$32.90
2	60	\$26.12	\$9.40	\$1.73	\$0.00	\$37.25
3	70	\$30.48	\$9.40	\$13.76	\$0.00	\$53.64
4	75	\$32.66	\$9.40	\$13.76	\$0.00	\$55.82
5	80	\$34.83	\$9.40	\$15.49	\$0.00	\$59.72
6	80	\$34.83	\$9.40	\$15.49	\$0.00	\$59.72
7	90	\$39.19	\$9.40	\$17.22	\$0.00	\$65.81
8	90	\$39.19	\$9.40	\$17.22	\$0.00	\$65.81

Effective Date - 09/01/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$22.10	\$9.40	\$1.73	\$0.00	\$33.23
2	60	\$26.51	\$9.40	\$1.73	\$0.00	\$37.64
3	70	\$30.93	\$9.40	\$13.76	\$0.00	\$54.09
4	75	\$33.14	\$9.40	\$13.76	\$0.00	\$56.30
5	80	\$35.35	\$9.40	\$15.49	\$0.00	\$60.24
6	80	\$35.35	\$9.40	\$15.49	\$0.00	\$60.24
7	90	\$39.77	\$9.40	\$17.22	\$0.00	\$66.39
8	90	\$39.77	\$9.40	\$17.22	\$0.00	\$66.39

Notes:

% Indentured After 10/1/17; 45/45/55/55/70/70/80/80
 Step 1&2 \$30.72/ 3&4 \$36.75/ 5&6 \$55.37/ 7&8 \$61.45

Apprentice to Journeyworker Ratio:1:5

CARPENTER WOOD FRAME	04/01/2021	\$23.16	\$7.21	\$4.80	\$0.00	\$35.17
CARPENTERS-ZONE 3 (Wood Frame)	04/01/2022	\$23.66	\$7.21	\$4.80	\$0.00	\$35.67
	04/01/2023	\$24.16	\$7.21	\$4.80	\$0.00	\$36.17

All Aspects of New Wood Frame Work

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - CARPENTER (Wood Frame) - Zone 3

Effective Date - 04/01/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$13.90	\$7.21	\$0.00	\$0.00	\$21.11
2	60	\$13.90	\$7.21	\$0.00	\$0.00	\$21.11
3	65	\$15.05	\$7.21	\$0.00	\$0.00	\$22.26
4	70	\$16.21	\$7.21	\$0.00	\$0.00	\$23.42
5	75	\$17.37	\$7.21	\$3.80	\$0.00	\$28.38
6	80	\$18.53	\$7.21	\$3.80	\$0.00	\$29.54
7	85	\$19.69	\$7.21	\$3.80	\$0.00	\$30.70
8	90	\$20.84	\$7.21	\$3.80	\$0.00	\$31.85

Effective Date - 04/01/2022

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$14.20	\$7.21	\$0.00	\$0.00	\$21.41
2	60	\$14.20	\$7.21	\$0.00	\$0.00	\$21.41
3	65	\$15.38	\$7.21	\$0.00	\$0.00	\$22.59
4	70	\$16.56	\$7.21	\$0.00	\$0.00	\$23.77
5	75	\$17.75	\$7.21	\$3.80	\$0.00	\$28.76
6	80	\$18.93	\$7.21	\$3.80	\$0.00	\$29.94
7	85	\$20.11	\$7.21	\$3.80	\$0.00	\$31.12
8	90	\$21.29	\$7.21	\$3.80	\$0.00	\$32.30

Notes:

% Indentured After 10/1/17; 45/45/55/55/70/70/80/80
 Step 1&2 \$17.63/ 3&4 \$19.95/ 5&6 \$27.22/ 7&8 \$29.54

Apprentice to Journeyworker Ratio:1:5

CEMENT MASONRY/PLASTERING BRICKLAYERS LOCAL 3 (LOWELL)	01/01/2020	\$45.23	\$12.75	\$22.41	\$0.62	\$81.01
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Apprentice - CEMENT MASONRY/PLASTERING - Lowell

Effective Date - 01/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$22.62	\$12.75	\$15.41	\$0.00	\$50.78
2	60	\$27.14	\$12.75	\$17.41	\$0.62	\$57.92
3	65	\$29.40	\$12.75	\$18.41	\$0.62	\$61.18
4	70	\$31.66	\$12.75	\$19.41	\$0.62	\$64.44
5	75	\$33.92	\$12.75	\$20.41	\$0.62	\$67.70
6	80	\$36.18	\$12.75	\$21.41	\$0.62	\$70.96
7	90	\$40.71	\$12.75	\$22.41	\$0.62	\$76.49

Notes:

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

Apprentice to Journeyworker Ratio:1:3

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
CHAIN SAW OPERATOR <i>LABORERS - ZONE 2</i>	06/01/2021	\$35.25	\$8.60	\$16.64	\$0.00	\$60.49
	12/01/2021	\$36.16	\$8.60	\$16.64	\$0.00	\$61.40
	06/01/2022	\$37.06	\$8.60	\$16.64	\$0.00	\$62.30
	12/01/2022	\$37.91	\$8.60	\$16.64	\$0.00	\$63.15
	06/01/2023	\$38.81	\$8.60	\$16.64	\$0.00	\$64.05
	12/01/2023	\$39.71	\$8.60	\$16.64	\$0.00	\$64.95
For apprentice rates see "Apprentice- LABORER"						
CLAM SHELLS/SLURRY BUCKETS/HEADING MACHINES <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2021	\$51.73	\$13.75	\$15.80	\$0.00	\$81.28
	12/01/2021	\$52.88	\$13.75	\$15.80	\$0.00	\$82.43
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
COMPRESSOR OPERATOR <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2021	\$33.40	\$13.75	\$15.80	\$0.00	\$62.95
	12/01/2021	\$34.19	\$13.75	\$15.80	\$0.00	\$63.74
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
DELEADER (BRIDGE) <i>PAINTERS LOCAL 35 - ZONE 2</i>	01/01/2021	\$52.06	\$8.25	\$22.75	\$0.00	\$83.06

Apprentice - PAINTER Local 35 - BRIDGES/TANKS

Effective Date - 01/01/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$26.03	\$8.25	\$0.00	\$0.00	\$34.28
2	55	\$28.63	\$8.25	\$6.16	\$0.00	\$43.04
3	60	\$31.24	\$8.25	\$6.72	\$0.00	\$46.21
4	65	\$33.84	\$8.25	\$7.28	\$0.00	\$49.37
5	70	\$36.44	\$8.25	\$19.39	\$0.00	\$64.08
6	75	\$39.05	\$8.25	\$19.95	\$0.00	\$67.25
7	80	\$41.65	\$8.25	\$20.51	\$0.00	\$70.41
8	90	\$46.85	\$8.25	\$21.63	\$0.00	\$76.73

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

DEMO: ADZEMAN <i>LABORERS - ZONE 2</i>	06/01/2021	\$40.82	\$8.60	\$17.57	\$0.00	\$66.99
	12/01/2021	\$41.83	\$8.60	\$17.57	\$0.00	\$68.00
	06/01/2022	\$42.83	\$8.60	\$17.57	\$0.00	\$69.00
	12/01/2022	\$43.83	\$8.60	\$17.57	\$0.00	\$70.00
	06/01/2023	\$44.83	\$8.60	\$17.57	\$0.00	\$71.00
	12/01/2023	\$46.08	\$8.60	\$17.57	\$0.00	\$72.25
For apprentice rates see "Apprentice- LABORER"						
DEMO: BACKHOE/LOADER/HAMMER OPERATOR <i>LABORERS - ZONE 2</i>	06/01/2021	\$41.82	\$8.60	\$17.57	\$0.00	\$67.99
	12/01/2021	\$42.83	\$8.60	\$17.57	\$0.00	\$69.00
	06/01/2022	\$43.83	\$8.60	\$17.57	\$0.00	\$70.00
	12/01/2022	\$44.83	\$8.60	\$17.57	\$0.00	\$71.00
	06/01/2023	\$45.83	\$8.60	\$17.57	\$0.00	\$72.00
	12/01/2023	\$47.08	\$8.60	\$17.57	\$0.00	\$73.25
For apprentice rates see "Apprentice- LABORER"						

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
DEMO: BURNERS <i>LABORERS - ZONE 2</i>	06/01/2021	\$41.57	\$8.60	\$17.57	\$0.00	\$67.74
	12/01/2021	\$42.58	\$8.60	\$17.57	\$0.00	\$68.75
	06/01/2022	\$43.58	\$8.60	\$17.57	\$0.00	\$69.75
	12/01/2022	\$44.58	\$8.60	\$17.57	\$0.00	\$70.75
	06/01/2023	\$45.58	\$8.60	\$17.57	\$0.00	\$71.75
	12/01/2023	\$46.83	\$8.60	\$17.57	\$0.00	\$73.00
For apprentice rates see "Apprentice- LABORER"						
DEMO: CONCRETE CUTTER/SAWYER <i>LABORERS - ZONE 2</i>	06/01/2021	\$41.82	\$8.60	\$17.57	\$0.00	\$67.99
	12/01/2021	\$42.83	\$8.60	\$17.57	\$0.00	\$69.00
	06/01/2022	\$43.83	\$8.60	\$17.57	\$0.00	\$70.00
	12/01/2022	\$44.83	\$8.60	\$17.57	\$0.00	\$71.00
	06/01/2023	\$45.83	\$8.60	\$17.57	\$0.00	\$72.00
	12/01/2023	\$47.08	\$8.60	\$17.57	\$0.00	\$73.25
For apprentice rates see "Apprentice- LABORER"						
DEMO: JACKHAMMER OPERATOR <i>LABORERS - ZONE 2</i>	06/01/2021	\$41.57	\$8.60	\$17.57	\$0.00	\$67.74
	12/01/2021	\$42.58	\$8.60	\$17.57	\$0.00	\$68.75
	06/01/2022	\$43.58	\$8.60	\$17.57	\$0.00	\$69.75
	12/01/2022	\$44.58	\$8.60	\$17.57	\$0.00	\$70.75
	06/01/2023	\$45.58	\$8.60	\$17.57	\$0.00	\$71.75
	12/01/2023	\$46.83	\$8.60	\$17.57	\$0.00	\$73.00
For apprentice rates see "Apprentice- LABORER"						
DEMO: WRECKING LABORER <i>LABORERS - ZONE 2</i>	06/01/2021	\$40.82	\$8.60	\$17.57	\$0.00	\$66.99
	12/01/2021	\$41.83	\$8.60	\$17.57	\$0.00	\$68.00
	06/01/2022	\$42.83	\$8.60	\$17.57	\$0.00	\$69.00
	12/01/2022	\$43.83	\$8.60	\$17.57	\$0.00	\$70.00
	06/01/2023	\$44.83	\$8.60	\$17.57	\$0.00	\$71.00
	12/01/2023	\$46.08	\$8.60	\$17.57	\$0.00	\$72.25
For apprentice rates see "Apprentice- LABORER"						
DIRECTIONAL DRILL MACHINE OPERATOR <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2021	\$50.19	\$13.75	\$15.80	\$0.00	\$79.74
	12/01/2021	\$51.33	\$13.75	\$15.80	\$0.00	\$80.88
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
DIVER <i>PILE DRIVER LOCAL 56 (ZONE 2)</i>	08/01/2020	\$68.70	\$9.40	\$23.12	\$0.00	\$101.22
For apprentice rates see "Apprentice- PILE DRIVER"						
DIVER TENDER <i>PILE DRIVER LOCAL 56 (ZONE 2)</i>	08/01/2020	\$49.07	\$9.40	\$23.12	\$0.00	\$81.59
For apprentice rates see "Apprentice- PILE DRIVER"						
DIVER TENDER (EFFLUENT) <i>PILE DRIVER LOCAL 56 (ZONE 2)</i>	08/01/2020	\$73.60	\$9.40	\$23.12	\$0.00	\$106.12
For apprentice rates see "Apprentice- PILE DRIVER"						
DIVER/SLURRY (EFFLUENT) <i>PILE DRIVER LOCAL 56 (ZONE 2)</i>	08/01/2020	\$103.05	\$9.40	\$23.12	\$0.00	\$135.57
For apprentice rates see "Apprentice- PILE DRIVER"						
DRAWBRIDGE OPERATOR (Construction) <i>DRAWBRIDGE - SEIU LOCAL 888</i>	07/01/2020	\$26.77	\$6.67	\$3.93	\$0.16	\$37.53
ELECTRICIAN <i>ELECTRICIANS LOCAL 96</i>	09/06/2020	\$44.42	\$11.13	\$17.34	\$0.00	\$72.89
	09/05/2021	\$45.01	\$11.57	\$17.42	\$0.00	\$74.00
	09/04/2022	\$45.59	\$12.20	\$17.50	\$0.00	\$75.29

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - ELECTRICIAN - Local 96

Effective Date - 09/06/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$17.77	\$11.13	\$0.53	\$0.00	\$29.43
2	43	\$19.10	\$11.13	\$0.57	\$0.00	\$30.80
3	48	\$21.32	\$11.13	\$14.11	\$0.00	\$46.56
4	55	\$24.43	\$11.13	\$14.54	\$0.00	\$50.10
5	65	\$28.87	\$11.13	\$15.17	\$0.00	\$55.17
6	80	\$35.54	\$11.13	\$16.10	\$0.00	\$62.77

Effective Date - 09/05/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$18.00	\$11.57	\$0.54	\$0.00	\$30.11
2	43	\$19.35	\$11.57	\$0.58	\$0.00	\$31.50
3	48	\$21.60	\$11.57	\$14.15	\$0.00	\$47.32
4	55	\$24.76	\$11.57	\$14.58	\$0.00	\$50.91
5	65	\$29.26	\$11.57	\$15.22	\$0.00	\$56.05
6	80	\$36.01	\$11.57	\$16.16	\$0.00	\$63.74

Notes:

Steps 1-2 are 1000 hrs; Steps 3-6 are 1500 hrs.

Apprentice to Journeyworker Ratio:2:3***

ELEVATOR CONSTRUCTOR	01/01/2021	\$56.69	\$15.88	\$19.31	\$0.00	\$91.88
ELEVATOR CONSTRUCTORS LOCAL 41	01/01/2022	\$58.62	\$16.03	\$20.21	\$0.00	\$94.86

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - ELEVATOR CONSTRUCTOR - Local 41

Effective Date - 01/01/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$28.35	\$15.88	\$0.00	\$0.00	\$44.23
2	55	\$31.18	\$15.88	\$19.31	\$0.00	\$66.37
3	65	\$36.85	\$15.88	\$19.31	\$0.00	\$72.04
4	70	\$39.68	\$15.88	\$19.31	\$0.00	\$74.87
5	80	\$45.35	\$15.88	\$19.31	\$0.00	\$80.54

Effective Date - 01/01/2022

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$29.31	\$16.03	\$0.00	\$0.00	\$45.34
2	55	\$32.24	\$16.03	\$20.21	\$0.00	\$68.48
3	65	\$38.10	\$16.03	\$20.21	\$0.00	\$74.34
4	70	\$41.03	\$16.03	\$20.21	\$0.00	\$77.27
5	80	\$46.90	\$16.03	\$20.21	\$0.00	\$83.14

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 41</i>	01/01/2021	\$39.68	\$15.88	\$19.31	\$0.00	\$74.87
	01/01/2022	\$41.03	\$16.03	\$20.21	\$0.00	\$77.27
For apprentice rates see "Apprentice - ELEVATOR CONSTRUCTOR"						
FENCE & GUARD RAIL ERECTOR <i>LABORERS - ZONE 2</i>	06/01/2021	\$35.25	\$8.60	\$16.64	\$0.00	\$60.49
	12/01/2021	\$36.16	\$8.60	\$16.64	\$0.00	\$61.40
	06/01/2022	\$37.06	\$8.60	\$16.64	\$0.00	\$62.30
	12/01/2022	\$37.91	\$8.60	\$16.64	\$0.00	\$63.15
	06/01/2023	\$38.81	\$8.60	\$16.64	\$0.00	\$64.05
	12/01/2023	\$39.71	\$8.60	\$16.64	\$0.00	\$64.95
For apprentice rates see "Apprentice- LABORER"						
FENCE & GUARD RAIL ERECTOR (HEAVY & HIGHWAY) <i>LABORERS - ZONE 2 (HEAVY & HIGHWAY)</i>	06/01/2021	\$35.25	\$8.60	\$16.64	\$0.00	\$60.49
	12/01/2021	\$36.16	\$8.60	\$16.64	\$0.00	\$61.40
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"						
FIELD ENG.INST.PERSON-BLDG,SITE,HVY/HWY <i>OPERATING ENGINEERS LOCAL 4</i>	05/01/2021	\$45.88	\$13.50	\$15.70	\$0.00	\$75.08
	11/01/2021	\$46.88	\$13.50	\$15.70	\$0.00	\$76.08
	05/01/2022	\$48.03	\$13.50	\$15.70	\$0.00	\$77.23
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
FIELD ENG.PARTY CHIEF-BLDG,SITE,HVY/HWY <i>OPERATING ENGINEERS LOCAL 4</i>	05/01/2021	\$47.40	\$13.50	\$15.70	\$0.00	\$76.60
	11/01/2021	\$48.41	\$13.50	\$15.70	\$0.00	\$77.61
	05/01/2022	\$49.57	\$13.50	\$15.70	\$0.00	\$78.77
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
FIELD ENG.ROD PERSON-BLDG,SITE,HVY/HWY <i>OPERATING ENGINEERS LOCAL 4</i>	05/01/2021	\$22.91	\$13.50	\$15.70	\$0.00	\$52.11
	11/01/2021	\$23.51	\$13.50	\$15.70	\$0.00	\$52.71
	05/01/2022	\$24.18	\$13.50	\$15.70	\$0.00	\$53.38
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
FIRE ALARM INSTALLER <i>ELECTRICIANS LOCAL 96</i>	09/06/2020	\$44.42	\$11.13	\$17.34	\$0.00	\$72.89
	09/05/2021	\$45.01	\$11.57	\$17.42	\$0.00	\$74.00
	09/04/2022	\$45.59	\$12.20	\$17.50	\$0.00	\$75.29
For apprentice rates see "Apprentice- ELECTRICIAN"						
FIRE ALARM REPAIR / MAINT/COMMISSIONING <i>ELECTRICIANS LOCAL 96</i>	09/06/2020	\$44.42	\$11.13	\$17.34	\$0.00	\$72.89
	09/05/2021	\$45.01	\$11.57	\$17.42	\$0.00	\$74.00
	09/04/2022	\$45.59	\$12.20	\$17.50	\$0.00	\$75.29
For apprentice rates see "Apprentice- ELECTRICIAN"						
FIREMAN (ASST. ENGINEER) <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2021	\$41.31	\$13.75	\$15.80	\$0.00	\$70.86
	12/01/2021	\$42.26	\$13.75	\$15.80	\$0.00	\$71.81
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
FLAGGER & SIGNALER (HEAVY & HIGHWAY) <i>LABORERS - ZONE 2 (HEAVY & HIGHWAY)</i>	06/01/2021	\$24.50	\$8.60	\$16.64	\$0.00	\$49.74
	12/01/2021	\$24.50	\$8.60	\$16.64	\$0.00	\$49.74
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"						
FLOORCOVERER <i>FLOORCOVERERS LOCAL 2168 ZONE II</i>	03/01/2021	\$46.28	\$9.40	\$19.25	\$0.00	\$74.93
	09/01/2021	\$47.08	\$9.40	\$19.25	\$0.00	\$75.73
	03/01/2022	\$47.88	\$9.40	\$19.25	\$0.00	\$76.53

Apprentice - FLOORCOVERER - Local 2168 Zone II

Effective Date - 03/01/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$23.14	\$9.40	\$1.79	\$0.00	\$34.33
2	55	\$25.45	\$9.40	\$1.79	\$0.00	\$36.64
3	60	\$27.77	\$9.40	\$13.88	\$0.00	\$51.05
4	65	\$30.08	\$9.40	\$13.88	\$0.00	\$53.36
5	70	\$32.40	\$9.40	\$15.67	\$0.00	\$57.47
6	75	\$34.71	\$9.40	\$15.67	\$0.00	\$59.78
7	80	\$37.02	\$9.40	\$17.46	\$0.00	\$63.88
8	85	\$39.34	\$9.40	\$17.46	\$0.00	\$66.20

Effective Date - 09/01/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$23.54	\$9.40	\$1.79	\$0.00	\$34.73
2	55	\$25.89	\$9.40	\$1.79	\$0.00	\$37.08
3	60	\$28.25	\$9.40	\$13.88	\$0.00	\$51.53
4	65	\$30.60	\$9.40	\$13.88	\$0.00	\$53.88
5	70	\$32.96	\$9.40	\$15.67	\$0.00	\$58.03
6	75	\$35.31	\$9.40	\$15.67	\$0.00	\$60.38
7	80	\$37.66	\$9.40	\$17.46	\$0.00	\$64.52
8	85	\$40.02	\$9.40	\$17.46	\$0.00	\$66.88

Notes: Steps are 750 hrs.

% After 09/1/17; 45/45/55/55/70/70/80/80 (1500hr Steps)

Step 1&2 \$31.99/ 3&4 \$38.37/ 5&6 \$57.47/ 7&8 \$63.88

Apprentice to Journeyworker Ratio:1:1

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
FORK LIFT/CHERRY PICKER <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2021	\$50.73	\$13.75	\$15.80	\$0.00	\$80.28
	12/01/2021	\$51.88	\$13.75	\$15.80	\$0.00	\$81.43
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
GENERATOR/LIGHTING PLANT/HEATERS <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2021	\$33.40	\$13.75	\$15.80	\$0.00	\$62.95
	12/01/2021	\$34.19	\$13.75	\$15.80	\$0.00	\$63.74
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
GLAZIER (GLASS PLANK/AIR BARRIER/INTERIOR SYSTEMS) <i>GLAZIERS LOCAL 35 (ZONE 2)</i>	01/01/2021	\$41.56	\$8.25	\$22.75	\$0.00	\$72.56

Apprentice - GLAZIER - Local 35 Zone 2

Effective Date - 01/01/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$20.78	\$8.25	\$0.00	\$0.00	\$29.03
2	55	\$22.86	\$8.25	\$6.16	\$0.00	\$37.27
3	60	\$24.94	\$8.25	\$6.72	\$0.00	\$39.91
4	65	\$27.01	\$8.25	\$7.28	\$0.00	\$42.54
5	70	\$29.09	\$8.25	\$19.39	\$0.00	\$56.73
6	75	\$31.17	\$8.25	\$19.95	\$0.00	\$59.37
7	80	\$33.25	\$8.25	\$20.51	\$0.00	\$62.01
8	90	\$37.40	\$8.25	\$21.63	\$0.00	\$67.28

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

HOISTING ENGINEER/CRANES/GRADALLS <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2021	\$50.73	\$13.75	\$15.80	\$0.00	\$80.28
	12/01/2021	\$51.88	\$13.75	\$15.80	\$0.00	\$81.43

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - OPERATING ENGINEERS - Local 4

Effective Date - 06/01/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	55	\$27.90	\$13.75	\$0.00	\$0.00	\$41.65
2	60	\$30.44	\$13.75	\$15.80	\$0.00	\$59.99
3	65	\$32.97	\$13.75	\$15.80	\$0.00	\$62.52
4	70	\$35.51	\$13.75	\$15.80	\$0.00	\$65.06
5	75	\$38.05	\$13.75	\$15.80	\$0.00	\$67.60
6	80	\$40.58	\$13.75	\$15.80	\$0.00	\$70.13
7	85	\$43.12	\$13.75	\$15.80	\$0.00	\$72.67
8	90	\$45.66	\$13.75	\$15.80	\$0.00	\$75.21

Effective Date - 12/01/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	55	\$28.53	\$13.75	\$0.00	\$0.00	\$42.28
2	60	\$31.13	\$13.75	\$15.80	\$0.00	\$60.68
3	65	\$33.72	\$13.75	\$15.80	\$0.00	\$63.27
4	70	\$36.32	\$13.75	\$15.80	\$0.00	\$65.87
5	75	\$38.91	\$13.75	\$15.80	\$0.00	\$68.46
6	80	\$41.50	\$13.75	\$15.80	\$0.00	\$71.05
7	85	\$44.10	\$13.75	\$15.80	\$0.00	\$73.65
8	90	\$46.69	\$13.75	\$15.80	\$0.00	\$76.24

Notes:

Apprentice to Journeyworker Ratio:1:6

HVAC (DUCTWORK) SHEETMETAL WORKERS LOCAL 63	01/01/2021	\$37.24	\$10.64	\$17.33	\$1.96	\$67.17
	07/01/2021	\$38.29	\$10.64	\$17.33	\$1.99	\$68.25
	01/01/2022	\$39.29	\$10.64	\$17.33	\$2.02	\$69.28

For apprentice rates see "Apprentice- SHEET METAL WORKER"

HVAC (ELECTRICAL CONTROLS) ELECTRICIANS LOCAL 96	09/06/2020	\$44.42	\$11.13	\$17.34	\$0.00	\$72.89
	09/05/2021	\$45.01	\$11.57	\$17.42	\$0.00	\$74.00
	09/04/2022	\$45.59	\$12.20	\$17.50	\$0.00	\$75.29

For apprentice rates see "Apprentice- ELECTRICIAN"

HVAC (TESTING AND BALANCING - AIR) SHEETMETAL WORKERS LOCAL 63	01/01/2021	\$37.24	\$10.64	\$17.33	\$1.96	\$67.17
	07/01/2021	\$38.29	\$10.64	\$17.33	\$1.99	\$68.25
	01/01/2022	\$39.29	\$10.64	\$17.33	\$2.02	\$69.28

For apprentice rates see "Apprentice- SHEET METAL WORKER"

HVAC (TESTING AND BALANCING -WATER) PLUMBERS LOCAL 4	03/01/2021	\$47.85	\$9.80	\$15.77	\$0.00	\$73.42
	09/01/2021	\$48.85	\$9.80	\$15.77	\$0.00	\$74.42
	03/01/2022	\$49.85	\$9.80	\$15.77	\$0.00	\$75.42

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

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
HVAC MECHANIC <i>PLUMBERS LOCAL 4</i>	03/01/2021	\$47.85	\$9.80	\$15.77	\$0.00	\$73.42
	09/01/2021	\$48.85	\$9.80	\$15.77	\$0.00	\$74.42
	03/01/2022	\$49.85	\$9.80	\$15.77	\$0.00	\$75.42
For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"						
HYDRAULIC DRILLS <i>LABORERS - ZONE 2</i>	06/01/2021	\$35.75	\$8.60	\$16.64	\$0.00	\$60.99
	12/01/2021	\$36.66	\$8.60	\$16.64	\$0.00	\$61.90
	06/01/2022	\$37.56	\$8.60	\$16.64	\$0.00	\$62.80
	12/01/2022	\$38.41	\$8.60	\$16.64	\$0.00	\$63.65
	06/01/2023	\$39.31	\$8.60	\$16.64	\$0.00	\$64.55
For apprentice rates see "Apprentice- LABORER"						
HYDRAULIC DRILLS (HEAVY & HIGHWAY) <i>LABORERS - ZONE 2 (HEAVY & HIGHWAY)</i>	06/01/2021	\$35.75	\$8.60	\$16.64	\$0.00	\$60.99
	12/01/2021	\$36.66	\$8.60	\$16.64	\$0.00	\$61.90
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"						
INSULATOR (PIPES & TANKS) <i>HEAT & FROST INSULATORS LOCAL 6 (WORCESTER)</i>	09/01/2020	\$44.10	\$13.80	\$17.14	\$0.00	\$75.04
	09/01/2021	\$46.50	\$13.80	\$17.14	\$0.00	\$77.44
	09/01/2022	\$48.95	\$13.80	\$17.14	\$0.00	\$79.89

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

Effective Date - 09/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$22.05	\$13.80	\$12.42	\$0.00	\$48.27
2	60	\$26.46	\$13.80	\$13.36	\$0.00	\$53.62
3	70	\$30.87	\$13.80	\$14.31	\$0.00	\$58.98
4	80	\$35.28	\$13.80	\$15.25	\$0.00	\$64.33

Effective Date - 09/01/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$23.25	\$13.80	\$12.42	\$0.00	\$49.47
2	60	\$27.90	\$13.80	\$13.36	\$0.00	\$55.06
3	70	\$32.55	\$13.80	\$14.31	\$0.00	\$60.66
4	80	\$37.20	\$13.80	\$15.25	\$0.00	\$66.25

Notes:

Steps are 1 year

Apprentice to Journeyworker Ratio:1:4

IRONWORKER/WELDER <i>IRONWORKERS LOCAL 7 (WORCESTER AREA)</i>	09/16/2020	\$48.36	\$8.10	\$25.10	\$0.00	\$81.56
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Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - IRONWORKER - Local 7 Worcester

Effective Date - 09/16/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$29.02	\$8.10	\$25.10	\$0.00	\$62.22
2	70	\$33.85	\$8.10	\$25.10	\$0.00	\$67.05
3	75	\$36.27	\$8.10	\$25.10	\$0.00	\$69.47
4	80	\$38.69	\$8.10	\$25.10	\$0.00	\$71.89
5	85	\$41.11	\$8.10	\$25.10	\$0.00	\$74.31
6	90	\$43.52	\$8.10	\$25.10	\$0.00	\$76.72

Notes:

Structural 1:6; Ornamental 1:4

Apprentice to Journeyworker Ratio:

JACKHAMMER & PAVING BREAKER OPERATOR <i>LABORERS - ZONE 2</i>	06/01/2021	\$35.25	\$8.60	\$16.64	\$0.00	\$60.49
	12/01/2021	\$36.16	\$8.60	\$16.64	\$0.00	\$61.40
	06/01/2022	\$37.06	\$8.60	\$16.64	\$0.00	\$62.30
	12/01/2022	\$37.91	\$8.60	\$16.64	\$0.00	\$63.15
	06/01/2023	\$38.81	\$8.60	\$16.64	\$0.00	\$64.05
	12/01/2023	\$39.71	\$8.60	\$16.64	\$0.00	\$64.95

For apprentice rates see "Apprentice- LABORER"

LABORER <i>LABORERS - ZONE 2</i>	06/01/2021	\$35.00	\$8.60	\$16.64	\$0.00	\$60.24
	12/01/2021	\$35.91	\$8.60	\$16.64	\$0.00	\$61.15
	06/01/2022	\$36.81	\$8.60	\$16.64	\$0.00	\$62.05
	12/01/2022	\$37.66	\$8.60	\$16.64	\$0.00	\$62.90
	06/01/2023	\$38.56	\$8.60	\$16.64	\$0.00	\$63.80
	12/01/2023	\$39.46	\$8.60	\$16.64	\$0.00	\$64.70

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - LABORER - Zone 2

Effective Date - 06/01/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$21.00	\$8.60	\$16.64	\$0.00	\$46.24
2	70	\$24.50	\$8.60	\$16.64	\$0.00	\$49.74
3	80	\$28.00	\$8.60	\$16.64	\$0.00	\$53.24
4	90	\$31.50	\$8.60	\$16.64	\$0.00	\$56.74

Effective Date - 12/01/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$21.55	\$8.60	\$16.64	\$0.00	\$46.79
2	70	\$25.14	\$8.60	\$16.64	\$0.00	\$50.38
3	80	\$28.73	\$8.60	\$16.64	\$0.00	\$53.97
4	90	\$32.32	\$8.60	\$16.64	\$0.00	\$57.56

Notes:

Apprentice to Journeyworker Ratio:1:5

LABORER (HEAVY & HIGHWAY)	06/01/2021	\$35.00	\$8.60	\$16.64	\$0.00	\$60.24
LABORERS - ZONE 2 (HEAVY & HIGHWAY)	12/01/2021	\$35.91	\$8.60	\$16.64	\$0.00	\$61.15

Apprentice - LABORER (Heavy & Highway) - Zone 2

Effective Date - 06/01/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$21.00	\$8.60	\$16.64	\$0.00	\$46.24
2	70	\$24.50	\$8.60	\$16.64	\$0.00	\$49.74
3	80	\$28.00	\$8.60	\$16.64	\$0.00	\$53.24
4	90	\$31.50	\$8.60	\$16.64	\$0.00	\$56.74

Effective Date - 12/01/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$21.55	\$8.60	\$16.64	\$0.00	\$46.79
2	70	\$25.14	\$8.60	\$16.64	\$0.00	\$50.38
3	80	\$28.73	\$8.60	\$16.64	\$0.00	\$53.97
4	90	\$32.32	\$8.60	\$16.64	\$0.00	\$57.56

Notes:

Apprentice to Journeyworker Ratio:1:5

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
LABORER: CARPENTER TENDER <i>LABORERS - ZONE 2</i>	06/01/2021	\$35.00	\$8.60	\$16.64	\$0.00	\$60.24
	12/01/2021	\$35.91	\$8.60	\$16.64	\$0.00	\$61.15
	06/01/2022	\$36.81	\$8.60	\$16.64	\$0.00	\$62.05
	12/01/2022	\$37.66	\$8.60	\$16.64	\$0.00	\$62.90
	06/01/2023	\$38.56	\$8.60	\$16.64	\$0.00	\$63.80
	12/01/2023	\$39.46	\$8.60	\$16.64	\$0.00	\$64.70
For apprentice rates see "Apprentice- LABORER"						
LABORER: CEMENT FINISHER TENDER <i>LABORERS - ZONE 2</i>	06/01/2021	\$35.00	\$8.60	\$16.64	\$0.00	\$60.24
	12/01/2021	\$35.91	\$8.60	\$16.64	\$0.00	\$61.15
	06/01/2022	\$36.81	\$8.60	\$16.64	\$0.00	\$62.05
	12/01/2022	\$37.66	\$8.60	\$16.64	\$0.00	\$62.90
	06/01/2023	\$38.56	\$8.60	\$16.64	\$0.00	\$63.80
	12/01/2023	\$39.46	\$8.60	\$16.64	\$0.00	\$64.70
For apprentice rates see "Apprentice- LABORER"						
LABORER: HAZARDOUS WASTE/ASBESTOS REMOVER <i>LABORERS - ZONE 2</i>	06/01/2021	\$35.09	\$8.60	\$16.70	\$0.00	\$60.39
	12/01/2021	\$36.00	\$8.60	\$16.70	\$0.00	\$61.30
	06/01/2022	\$36.90	\$8.60	\$16.70	\$0.00	\$62.20
	12/01/2022	\$37.75	\$8.60	\$16.70	\$0.00	\$63.05
	06/01/2023	\$38.65	\$8.60	\$16.70	\$0.00	\$63.95
	12/01/2023	\$39.55	\$8.60	\$16.70	\$0.00	\$64.85
For apprentice rates see "Apprentice- LABORER"						
LABORER: MASON TENDER <i>LABORERS - ZONE 2</i>	06/01/2021	\$35.25	\$8.60	\$16.64	\$0.00	\$60.49
	12/01/2021	\$36.16	\$8.60	\$16.64	\$0.00	\$61.40
	06/01/2022	\$37.06	\$8.60	\$16.64	\$0.00	\$62.30
	12/01/2022	\$37.91	\$8.60	\$16.64	\$0.00	\$63.15
	06/01/2023	\$38.81	\$8.60	\$16.64	\$0.00	\$64.05
	12/01/2023	\$39.71	\$8.60	\$16.64	\$0.00	\$64.95
For apprentice rates see "Apprentice- LABORER"						
LABORER: MASON TENDER (HEAVY & HIGHWAY) <i>LABORERS - ZONE 2 (HEAVY & HIGHWAY)</i>	06/01/2021	\$35.25	\$8.60	\$16.64	\$0.00	\$60.49
	12/01/2021	\$36.16	\$8.60	\$16.64	\$0.00	\$61.40
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"						
LABORER: MULTI-TRADE TENDER <i>LABORERS - ZONE 2</i>	06/01/2021	\$35.00	\$8.60	\$16.64	\$0.00	\$60.24
	12/01/2021	\$35.91	\$8.60	\$16.64	\$0.00	\$61.15
	06/01/2022	\$36.81	\$8.60	\$16.64	\$0.00	\$62.05
	12/01/2022	\$37.66	\$8.60	\$16.64	\$0.00	\$62.90
	06/01/2023	\$38.56	\$8.60	\$16.64	\$0.00	\$63.80
	12/01/2023	\$39.46	\$8.60	\$16.64	\$0.00	\$64.70
For apprentice rates see "Apprentice- LABORER"						
LABORER: TREE REMOVER <i>LABORERS - ZONE 2</i>	06/01/2021	\$35.00	\$8.60	\$16.64	\$0.00	\$60.24
	12/01/2021	\$35.91	\$8.60	\$16.64	\$0.00	\$61.15
	06/01/2022	\$36.81	\$8.60	\$16.64	\$0.00	\$62.05
	12/01/2022	\$37.66	\$8.60	\$16.64	\$0.00	\$62.90
	06/01/2023	\$38.56	\$8.60	\$16.64	\$0.00	\$63.80
	12/01/2023	\$39.46	\$8.60	\$16.64	\$0.00	\$64.70
This classification applies to the removal of standing trees, and the trimming and removal of branches and limbs when related to public works construction or site clearance incidental to construction . For apprentice rates see "Apprentice- LABORER"						

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
LASER BEAM OPERATOR <i>LABORERS - ZONE 2</i>	06/01/2021	\$35.25	\$8.60	\$16.64	\$0.00	\$60.49
	12/01/2021	\$36.16	\$8.60	\$16.64	\$0.00	\$61.40
	06/01/2022	\$37.06	\$8.60	\$16.64	\$0.00	\$62.30
	12/01/2022	\$37.91	\$8.60	\$16.64	\$0.00	\$63.15
	06/01/2023	\$38.81	\$8.60	\$16.64	\$0.00	\$64.05
	12/01/2023	\$39.71	\$8.60	\$16.64	\$0.00	\$64.95
For apprentice rates see "Apprentice- LABORER"						
LASER BEAM OPERATOR (HEAVY & HIGHWAY) <i>LABORERS - ZONE 2 (HEAVY & HIGHWAY)</i>	06/01/2021	\$35.25	\$8.60	\$16.64	\$0.00	\$60.49
	12/01/2021	\$36.16	\$8.60	\$16.64	\$0.00	\$61.40
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"						
MARBLE & TILE FINISHERS <i>BRICKLAYERS LOCAL 3 - MARBLE & TILE</i>	02/01/2021	\$42.57	\$11.39	\$20.14	\$0.00	\$74.10
	08/01/2021	\$43.69	\$11.39	\$20.30	\$0.00	\$75.38
	02/01/2022	\$44.16	\$11.39	\$20.30	\$0.00	\$75.85

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

Effective Date - 02/01/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$21.29	\$11.39	\$20.14	\$0.00	\$52.82
2	60	\$25.54	\$11.39	\$20.14	\$0.00	\$57.07
3	70	\$29.80	\$11.39	\$20.14	\$0.00	\$61.33
4	80	\$34.06	\$11.39	\$20.14	\$0.00	\$65.59
5	90	\$38.31	\$11.39	\$20.14	\$0.00	\$69.84

Effective Date - 08/01/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$21.85	\$11.39	\$20.30	\$0.00	\$53.54
2	60	\$26.21	\$11.39	\$20.30	\$0.00	\$57.90
3	70	\$30.58	\$11.39	\$20.30	\$0.00	\$62.27
4	80	\$34.95	\$11.39	\$20.30	\$0.00	\$66.64
5	90	\$39.32	\$11.39	\$20.30	\$0.00	\$71.01

Notes:

Apprentice to Journeyworker Ratio:1:3

MARBLE MASONS, TILELAYERS & TERRAZZO MECH <i>BRICKLAYERS LOCAL 3 - MARBLE & TILE</i>	02/01/2021	\$55.77	\$11.39	\$22.08	\$0.00	\$89.24
	08/01/2021	\$57.17	\$11.39	\$22.24	\$0.00	\$90.80
	02/01/2022	\$57.74	\$11.39	\$22.24	\$0.00	\$91.37

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

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

Effective Date - 02/01/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$27.89	\$11.39	\$22.08	\$0.00	\$61.36
2	60	\$33.46	\$11.39	\$22.08	\$0.00	\$66.93
3	70	\$39.04	\$11.39	\$22.08	\$0.00	\$72.51
4	80	\$44.62	\$11.39	\$22.08	\$0.00	\$78.09
5	90	\$50.19	\$11.39	\$22.08	\$0.00	\$83.66

Effective Date - 08/01/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$28.59	\$11.39	\$22.24	\$0.00	\$62.22
2	60	\$34.30	\$11.39	\$22.24	\$0.00	\$67.93
3	70	\$40.02	\$11.39	\$22.24	\$0.00	\$73.65
4	80	\$45.74	\$11.39	\$22.24	\$0.00	\$79.37
5	90	\$51.45	\$11.39	\$22.24	\$0.00	\$85.08

Notes:

Apprentice to Journeyworker Ratio:1:5

MECH. SWEEPER OPERATOR (ON CONST. SITES) OPERATING ENGINEERS LOCAL 4	06/01/2021	\$50.19	\$13.75	\$15.80	\$0.00	\$79.74
For apprentice rates see "Apprentice- OPERATING ENGINEERS"	12/01/2021	\$51.33	\$13.75	\$15.80	\$0.00	\$80.88
MECHANICS MAINTENANCE OPERATING ENGINEERS LOCAL 4	06/01/2021	\$50.19	\$13.75	\$15.80	\$0.00	\$79.74
For apprentice rates see "Apprentice- OPERATING ENGINEERS"	12/01/2021	\$51.33	\$13.75	\$15.80	\$0.00	\$80.88
MILLWRIGHT (Zone 2) MILLWRIGHTS LOCAL 1121 - Zone 2	03/01/2021	\$39.42	\$8.58	\$21.57	\$0.00	\$69.57
	01/03/2022	\$40.67	\$8.58	\$21.57	\$0.00	\$70.82
	01/02/2023	\$41.92	\$8.58	\$21.57	\$0.00	\$72.07

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - MILLWRIGHT - Local 1121 Zone 2

Effective Date - 03/01/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	55	\$21.68	\$8.58	\$5.72	\$0.00	\$35.98
2	65	\$25.62	\$8.58	\$17.93	\$0.00	\$52.13
3	75	\$29.57	\$8.58	\$18.98	\$0.00	\$57.13
4	85	\$33.51	\$8.58	\$20.01	\$0.00	\$62.10

Effective Date - 01/03/2022

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	55	\$22.37	\$8.58	\$5.72	\$0.00	\$36.67
2	65	\$26.44	\$8.58	\$17.93	\$0.00	\$52.95
3	75	\$30.50	\$8.58	\$18.98	\$0.00	\$58.06
4	85	\$34.57	\$8.58	\$20.01	\$0.00	\$63.16

Notes: Step 1&2 Appr. indentured after 1/6/2020 receive no pension, but do receive annuity. (Step 1 \$5.72, Step 2 \$6.66)
Steps are 2,000 hours

Apprentice to Journeyworker Ratio:1:5

MORTAR MIXER <i>LABORERS - ZONE 2</i>	06/01/2021	\$35.25	\$8.60	\$16.64	\$0.00	\$60.49
	12/01/2021	\$36.16	\$8.60	\$16.64	\$0.00	\$61.40
	06/01/2022	\$37.06	\$8.60	\$16.64	\$0.00	\$62.30
	12/01/2022	\$37.91	\$8.60	\$16.64	\$0.00	\$63.15
	06/01/2023	\$38.81	\$8.60	\$16.64	\$0.00	\$64.05
	12/01/2023	\$39.71	\$8.60	\$16.64	\$0.00	\$64.95

For apprentice rates see "Apprentice- LABORER"

OILER (OTHER THAN TRUCK CRANES,GRADALLS) <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2021	\$23.40	\$13.75	\$15.80	\$0.00	\$52.95
	12/01/2021	\$23.98	\$13.75	\$15.80	\$0.00	\$53.53

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

OILER (TRUCK CRANES, GRADALLS) <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2021	\$28.26	\$13.75	\$15.80	\$0.00	\$57.81
	12/01/2021	\$28.94	\$13.75	\$15.80	\$0.00	\$58.49

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

OTHER POWER DRIVEN EQUIPMENT - CLASS II <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2021	\$50.19	\$13.75	\$15.80	\$0.00	\$79.74
	12/01/2021	\$51.33	\$13.75	\$15.80	\$0.00	\$80.88

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

PAINTER (BRIDGES/TANKS) <i>PAINTERS LOCAL 35 - ZONE 2</i>	01/01/2021	\$52.06	\$8.25	\$22.75	\$0.00	\$83.06
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Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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Apprentice - PAINTER Local 35 - BRIDGES/TANKS

Effective Date - 01/01/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$26.03	\$8.25	\$0.00	\$0.00	\$34.28
2	55	\$28.63	\$8.25	\$6.16	\$0.00	\$43.04
3	60	\$31.24	\$8.25	\$6.72	\$0.00	\$46.21
4	65	\$33.84	\$8.25	\$7.28	\$0.00	\$49.37
5	70	\$36.44	\$8.25	\$19.39	\$0.00	\$64.08
6	75	\$39.05	\$8.25	\$19.95	\$0.00	\$67.25
7	80	\$41.65	\$8.25	\$20.51	\$0.00	\$70.41
8	90	\$46.85	\$8.25	\$21.63	\$0.00	\$76.73

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

PAINTER (SPRAY OR SANDBLAST, NEW) *	01/01/2021	\$42.96	\$8.25	\$22.75	\$0.00	\$73.96
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* If 30% or more of surfaces to be painted are new construction, NEW paint rate shall be used. PAINTERS LOCAL 35 - ZONE 2

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

Effective Date - 01/01/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$21.48	\$8.25	\$0.00	\$0.00	\$29.73
2	55	\$23.63	\$8.25	\$6.16	\$0.00	\$38.04
3	60	\$25.78	\$8.25	\$6.72	\$0.00	\$40.75
4	65	\$27.92	\$8.25	\$7.28	\$0.00	\$43.45
5	70	\$30.07	\$8.25	\$19.39	\$0.00	\$57.71
6	75	\$32.22	\$8.25	\$19.95	\$0.00	\$60.42
7	80	\$34.37	\$8.25	\$20.51	\$0.00	\$63.13
8	90	\$38.66	\$8.25	\$21.63	\$0.00	\$68.54

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

PAINTER (SPRAY OR SANDBLAST, REPAINT)	01/01/2021	\$41.02	\$8.25	\$22.75	\$0.00	\$72.02
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PAINTERS LOCAL 35 - ZONE 2

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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Apprentice - PAINTER Local 35 Zone 2 - BRUSH REPAINT

Effective Date - 01/01/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$19.81	\$8.25	\$0.00	\$0.00	\$28.06
2	55	\$21.79	\$8.25	\$6.16	\$0.00	\$36.20
3	60	\$23.77	\$8.25	\$6.72	\$0.00	\$38.74
4	65	\$25.75	\$8.25	\$7.28	\$0.00	\$41.28
5	70	\$27.73	\$8.25	\$19.39	\$0.00	\$55.37
6	75	\$29.72	\$8.25	\$19.95	\$0.00	\$57.92
7	80	\$31.70	\$8.25	\$20.51	\$0.00	\$60.46
8	90	\$35.66	\$8.25	\$21.63	\$0.00	\$65.54

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

PAINTER TRAFFIC MARKINGS (HEAVY/HIGHWAY) <i>LABORERS - ZONE 2 (HEAVY & HIGHWAY)</i>	06/01/2021	\$35.00	\$8.60	\$16.64	\$0.00	\$60.24
	12/01/2021	\$35.91	\$8.60	\$16.64	\$0.00	\$61.15
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)						

PANEL & PICKUP TRUCKS DRIVER <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	06/01/2021	\$35.78	\$12.91	\$14.82	\$0.00	\$63.51
	08/01/2021	\$35.78	\$13.41	\$14.82	\$0.00	\$64.01
	12/01/2021	\$35.78	\$13.41	\$16.01	\$0.00	\$65.20

PIER AND DOCK CONSTRUCTOR (UNDERPINNING AND DECK) <i>PILE DRIVER LOCAL 56 (ZONE 2)</i>	08/01/2020	\$46.11	\$9.40	\$23.12	\$0.00	\$78.63
For apprentice rates see "Apprentice- PILE DRIVER"						

PILE DRIVER <i>PILE DRIVER LOCAL 56 (ZONE 2)</i>	08/01/2020	\$46.11	\$9.40	\$23.12	\$0.00	\$78.63
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Apprentice - PILE DRIVER - Local 56 Zone 2

Effective Date - 08/01/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Notes: Apprentice wages shall be no less than the following Steps;

(Same as set in Zone 1)

1\$57.06/2\$61.96/3\$66.87/4\$69.32/5\$71.78/6\$71.78/7\$76.68/8\$76.68

Apprentice to Journeyworker Ratio:1:5

PIPELAYER <i>LABORERS - ZONE 2</i>	06/01/2021	\$35.25	\$8.60	\$16.64	\$0.00	\$60.49
	12/01/2021	\$36.16	\$8.60	\$16.64	\$0.00	\$61.40
	06/01/2022	\$37.06	\$8.60	\$16.64	\$0.00	\$62.30
	12/01/2022	\$37.91	\$8.60	\$16.64	\$0.00	\$63.15
	06/01/2023	\$38.81	\$8.60	\$16.64	\$0.00	\$64.05
	12/01/2023	\$39.71	\$8.60	\$16.64	\$0.00	\$64.95

For apprentice rates see "Apprentice- LABORER"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
PIPELAYER (HEAVY & HIGHWAY) <i>LABORERS - ZONE 2 (HEAVY & HIGHWAY)</i>	06/01/2021	\$35.25	\$8.60	\$16.64	\$0.00	\$60.49
	12/01/2021	\$36.16	\$8.60	\$16.64	\$0.00	\$61.40
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)						
PLUMBER & PIPEFITTER <i>PLUMBERS LOCAL 4</i>	03/01/2021	\$47.85	\$9.80	\$15.77	\$0.00	\$73.42
	09/01/2021	\$48.85	\$9.80	\$15.77	\$0.00	\$74.42
	03/01/2022	\$49.85	\$9.80	\$15.77	\$0.00	\$75.42

Apprentice - PLUMBER/PIPEFITTER - Local 4

Effective Date - 03/01/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$19.14	\$9.80	\$0.00	\$0.00	\$28.94
2	50	\$23.93	\$9.80	\$0.00	\$0.00	\$33.73
3	60	\$28.71	\$9.80	\$0.00	\$0.00	\$38.51
4	70	\$33.50	\$9.80	\$6.06	\$0.00	\$49.36
5	80	\$38.28	\$9.80	\$6.06	\$0.00	\$54.14

Effective Date - 09/01/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$19.54	\$9.80	\$0.00	\$0.00	\$29.34
2	50	\$24.43	\$9.80	\$0.00	\$0.00	\$34.23
3	60	\$29.31	\$9.80	\$0.00	\$0.00	\$39.11
4	70	\$34.20	\$9.80	\$6.06	\$0.00	\$50.06
5	80	\$39.08	\$9.80	\$6.06	\$0.00	\$54.94

Notes:

Steps - 2000 hrs; Step 4 w/lic 75%, Step 5 w/lic 85%
Step 4 w/lic \$51.75, Step 5 w/lic \$56.53

Apprentice to Journeyworker Ratio:1:3

PNEUMATIC CONTROLS (TEMP.) <i>PLUMBERS LOCAL 4</i>	03/01/2021	\$47.85	\$9.80	\$15.77	\$0.00	\$73.42
	09/01/2021	\$48.85	\$9.80	\$15.77	\$0.00	\$74.42
	03/01/2022	\$49.85	\$9.80	\$15.77	\$0.00	\$75.42

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

PNEUMATIC DRILL/TOOL OPERATOR <i>LABORERS - ZONE 2</i>	06/01/2021	\$35.25	\$8.60	\$16.64	\$0.00	\$60.49
	12/01/2021	\$36.16	\$8.60	\$16.64	\$0.00	\$61.40
	06/01/2022	\$37.06	\$8.60	\$16.64	\$0.00	\$62.30
	12/01/2022	\$37.91	\$8.60	\$16.64	\$0.00	\$63.15
	06/01/2023	\$38.81	\$8.60	\$16.64	\$0.00	\$64.05
	12/01/2023	\$39.71	\$8.60	\$16.64	\$0.00	\$64.95

For apprentice rates see "Apprentice- LABORER"

PNEUMATIC DRILL/TOOL OPERATOR (HEAVY & HIGHWAY) <i>LABORERS - ZONE 2 (HEAVY & HIGHWAY)</i>	06/01/2021	\$35.25	\$8.60	\$16.64	\$0.00	\$60.49
	12/01/2021	\$36.16	\$8.60	\$16.64	\$0.00	\$61.40

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
POWDERMAN & BLASTER <i>LABORERS - ZONE 2</i>	06/01/2021	\$36.00	\$8.60	\$16.64	\$0.00	\$61.24
	12/01/2021	\$36.91	\$8.60	\$16.64	\$0.00	\$62.15
	06/01/2022	\$37.81	\$8.60	\$16.64	\$0.00	\$63.05
	12/01/2022	\$38.66	\$8.60	\$16.64	\$0.00	\$63.90
	06/01/2023	\$39.56	\$8.60	\$16.64	\$0.00	\$64.80
	12/01/2023	\$40.46	\$8.60	\$16.64	\$0.00	\$65.70
For apprentice rates see "Apprentice- LABORER"						
POWDERMAN & BLASTER (HEAVY & HIGHWAY) <i>LABORERS - ZONE 2 (HEAVY & HIGHWAY)</i>	06/01/2021	\$36.00	\$8.60	\$16.64	\$0.00	\$61.24
	12/01/2021	\$36.91	\$8.60	\$16.64	\$0.00	\$62.15
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"						
POWER SHOVEL/DERRICK/TRENCHING MACHINE <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2021	\$50.73	\$13.75	\$15.80	\$0.00	\$80.28
	12/01/2021	\$51.88	\$13.75	\$15.80	\$0.00	\$81.43
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
PUMP OPERATOR (CONCRETE) <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2021	\$50.73	\$13.75	\$15.80	\$0.00	\$80.28
	12/01/2021	\$51.88	\$13.75	\$15.80	\$0.00	\$81.43
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
PUMP OPERATOR (DEWATERING, OTHER) <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2021	\$33.40	\$13.75	\$15.80	\$0.00	\$62.95
	12/01/2021	\$34.19	\$13.75	\$15.80	\$0.00	\$63.74
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
READY-MIX CONCRETE DRIVER <i>TEAMSTERS 170 - Dauphinais (Bellingham)</i>	01/01/2021	\$25.00	\$9.31	\$3.20	\$0.00	\$37.51
	12/01/2021	\$25.75	\$9.76	\$4.00	\$0.00	\$39.51
	01/01/2022	\$25.75	\$9.76	\$4.00	\$0.00	\$39.51
	12/01/2022	\$26.40	\$10.26	\$4.75	\$0.00	\$41.41
	01/01/2023	\$26.40	\$10.26	\$4.75	\$0.00	\$41.41
	12/01/2023	\$27.00	\$10.76	\$5.45	\$0.00	\$43.21
	01/01/2024	\$27.00	\$10.76	\$5.45	\$0.00	\$43.21
	12/01/2024	\$27.60	\$11.26	\$6.15	\$0.00	\$45.01
01/01/2025	\$27.60	\$11.26	\$6.15	\$0.00	\$45.01	
RECLAIMERS <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2021	\$50.19	\$13.75	\$15.80	\$0.00	\$79.74
	12/01/2021	\$51.33	\$13.75	\$15.80	\$0.00	\$80.88
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
RIDE-ON MOTORIZED BUGGY OPERATOR <i>LABORERS - ZONE 2</i>	06/01/2021	\$35.25	\$8.60	\$16.64	\$0.00	\$60.49
	12/01/2021	\$36.16	\$8.60	\$16.64	\$0.00	\$61.40
	06/01/2022	\$37.06	\$8.60	\$16.64	\$0.00	\$62.30
	12/01/2022	\$37.91	\$8.60	\$16.64	\$0.00	\$63.15
	06/01/2023	\$38.81	\$8.60	\$16.64	\$0.00	\$64.05
	12/01/2023	\$39.71	\$8.60	\$16.64	\$0.00	\$64.95
For apprentice rates see "Apprentice- LABORER"						
ROLLER/SPREADER/MULCHING MACHINE <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2021	\$50.19	\$13.75	\$15.80	\$0.00	\$79.74
	12/01/2021	\$51.33	\$13.75	\$15.80	\$0.00	\$80.88
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
ROOFER (Inc.Roofer Waterproofing &Roofer Damproofg) <i>ROOFERS LOCAL 33</i>	02/01/2021	\$46.60	\$12.28	\$17.15	\$0.00	\$76.03
	08/01/2021	\$48.03	\$12.28	\$17.15	\$0.00	\$77.46
	02/01/2022	\$49.46	\$12.28	\$17.15	\$0.00	\$78.89

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - ROOFER - Local 33

Effective Date - 02/01/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$23.30	\$12.28	\$4.31	\$0.00	\$39.89
2	60	\$27.96	\$12.28	\$17.15	\$0.00	\$57.39
3	65	\$30.29	\$12.28	\$17.15	\$0.00	\$59.72
4	75	\$34.95	\$12.28	\$17.15	\$0.00	\$64.38
5	85	\$39.61	\$12.28	\$17.15	\$0.00	\$69.04

Effective Date - 08/01/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$24.02	\$12.28	\$4.31	\$0.00	\$40.61
2	60	\$28.82	\$12.28	\$17.15	\$0.00	\$58.25
3	65	\$31.22	\$12.28	\$17.15	\$0.00	\$60.65
4	75	\$36.02	\$12.28	\$17.15	\$0.00	\$65.45
5	85	\$40.83	\$12.28	\$17.15	\$0.00	\$70.26

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

Apprentice to Journeyworker Ratio:**

ROOFER SLATE / TILE / PRECAST CONCRETE ROOFERS LOCAL 33	02/01/2021	\$46.85	\$12.28	\$17.15	\$0.00	\$76.28
	08/01/2021	\$48.28	\$12.28	\$17.15	\$0.00	\$77.71
	02/01/2022	\$49.71	\$12.28	\$17.15	\$0.00	\$79.14

For apprentice rates see "Apprentice- ROOFER"

SHEETMETAL WORKER SHEETMETAL WORKERS LOCAL 63	01/01/2021	\$37.24	\$10.64	\$17.33	\$1.96	\$67.17
	07/01/2021	\$38.29	\$10.64	\$17.33	\$1.99	\$68.25
	01/01/2022	\$39.29	\$10.64	\$17.33	\$2.02	\$69.28

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - SHEET METAL WORKER - Local 63

Effective Date - 01/01/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	45	\$16.76	\$4.79	\$4.67	\$0.79	\$27.01
2	50	\$18.62	\$5.32	\$5.19	\$0.87	\$30.00
3	55	\$20.48	\$5.85	\$9.33	\$1.07	\$36.73
4	60	\$22.34	\$6.38	\$9.33	\$1.14	\$39.19
5	65	\$24.21	\$6.92	\$9.33	\$1.21	\$41.67
6	70	\$26.07	\$7.45	\$9.33	\$1.29	\$44.14
7	75	\$27.93	\$7.98	\$9.33	\$1.36	\$46.60
8	80	\$29.79	\$8.51	\$16.29	\$1.64	\$56.23
9	85	\$31.65	\$9.04	\$16.29	\$1.71	\$58.69
10	90	\$33.52	\$9.58	\$16.29	\$1.78	\$61.17

Effective Date - 07/01/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	45	\$17.23	\$4.79	\$4.67	\$0.80	\$27.49
2	50	\$19.15	\$5.32	\$5.19	\$0.89	\$30.55
3	55	\$21.06	\$5.85	\$9.33	\$1.09	\$37.33
4	60	\$22.97	\$6.38	\$9.33	\$1.16	\$39.84
5	65	\$24.89	\$6.92	\$9.33	\$1.23	\$42.37
6	70	\$26.80	\$7.45	\$9.33	\$1.31	\$44.89
7	75	\$28.72	\$7.98	\$9.33	\$1.38	\$47.41
8	80	\$30.63	\$8.51	\$16.29	\$1.66	\$57.09
9	85	\$32.55	\$9.04	\$16.29	\$1.74	\$59.62
10	90	\$34.46	\$9.58	\$16.29	\$1.81	\$62.14

Notes:

Apprentice to Journeyworker Ratio:1:3

SPECIALIZED EARTH MOVING EQUIP < 35 TONS <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	06/01/2021	\$36.24	\$12.91	\$14.82	\$0.00	\$63.97
	08/01/2021	\$36.24	\$13.41	\$14.82	\$0.00	\$64.47
	12/01/2021	\$36.24	\$13.41	\$16.01	\$0.00	\$65.66
SPECIALIZED EARTH MOVING EQUIP > 35 TONS <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	06/01/2021	\$36.53	\$12.91	\$14.82	\$0.00	\$64.26
	08/01/2021	\$36.53	\$13.41	\$14.82	\$0.00	\$64.76
	12/01/2021	\$36.53	\$13.41	\$16.01	\$0.00	\$65.95
SPRINKLER FITTER <i>SPRINKLER FITTERS LOCAL 550 - (Section A) Zone 1</i>	03/01/2021	\$62.45	\$10.00	\$21.25	\$0.00	\$93.70

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

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

Effective Date - 03/01/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	35	\$21.86	\$10.00	\$11.99	\$0.00	\$43.85
2	40	\$24.98	\$10.00	\$12.70	\$0.00	\$47.68
3	45	\$28.10	\$10.00	\$13.41	\$0.00	\$51.51
4	50	\$31.23	\$10.00	\$14.13	\$0.00	\$55.36
5	55	\$34.35	\$10.00	\$14.84	\$0.00	\$59.19
6	60	\$37.47	\$10.00	\$15.55	\$0.00	\$63.02
7	65	\$40.59	\$10.00	\$16.26	\$0.00	\$66.85
8	70	\$43.72	\$10.00	\$16.98	\$0.00	\$70.70
9	75	\$46.84	\$10.00	\$17.69	\$0.00	\$74.53
10	80	\$49.96	\$10.00	\$18.40	\$0.00	\$78.36

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>	06/01/2021	\$50.19	\$13.75	\$15.80	\$0.00	\$79.74
For apprentice rates see "Apprentice- OPERATING ENGINEERS"	12/01/2021	\$51.33	\$13.75	\$15.80	\$0.00	\$80.88
TAMPERS, SELF-PROPELLED OR TRACTOR DRAWN <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2021	\$50.19	\$13.75	\$15.80	\$0.00	\$79.74
For apprentice rates see "Apprentice- OPERATING ENGINEERS"	12/01/2021	\$51.33	\$13.75	\$15.80	\$0.00	\$80.88
TERRAZZO FINISHERS <i>BRICKLAYERS LOCAL 3 - MARBLE & TILE</i>	02/01/2021	\$54.69	\$11.39	\$22.09	\$0.00	\$88.17
	08/01/2021	\$56.09	\$11.39	\$22.25	\$0.00	\$89.73
	02/01/2022	\$56.68	\$11.39	\$22.25	\$0.00	\$90.32

Classification

Effective Date Base Wage Health Pension Supplemental Unemployment Total Rate

Apprentice - TERRAZZO FINISHER - Local 3 Marble & Tile

Effective Date - 02/01/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$27.35	\$11.39	\$22.09	\$0.00	\$60.83
2	60	\$32.81	\$11.39	\$22.09	\$0.00	\$66.29
3	70	\$38.28	\$11.39	\$22.09	\$0.00	\$71.76
4	80	\$43.75	\$11.39	\$22.09	\$0.00	\$77.23
5	90	\$49.22	\$11.39	\$22.09	\$0.00	\$82.70

Effective Date - 08/01/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$28.05	\$11.39	\$22.25	\$0.00	\$61.69
2	60	\$33.65	\$11.39	\$22.25	\$0.00	\$67.29
3	70	\$39.26	\$11.39	\$22.25	\$0.00	\$72.90
4	80	\$44.87	\$11.39	\$22.25	\$0.00	\$78.51
5	90	\$50.48	\$11.39	\$22.25	\$0.00	\$84.12

Notes:

Apprentice to Journeyworker Ratio:1:3

TEST BORING DRILLER <i>LABORERS - FOUNDATION AND MARINE</i>	06/01/2021	\$42.07	\$8.60	\$17.72	\$0.00	\$68.39
	12/01/2021	\$43.08	\$8.60	\$17.72	\$0.00	\$69.40
For apprentice rates see "Apprentice- LABORER"						
TEST BORING DRILLER HELPER <i>LABORERS - FOUNDATION AND MARINE</i>	06/01/2021	\$40.79	\$8.60	\$17.72	\$0.00	\$67.11
	12/01/2021	\$41.80	\$8.60	\$17.72	\$0.00	\$68.12
For apprentice rates see "Apprentice- LABORER"						
TEST BORING LABORER <i>LABORERS - FOUNDATION AND MARINE</i>	06/01/2021	\$40.67	\$8.60	\$17.72	\$0.00	\$66.99
	12/01/2021	\$41.68	\$8.60	\$17.72	\$0.00	\$68.00
For apprentice rates see "Apprentice- LABORER"						
TRACTORS/PORTABLE STEAM GENERATORS <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2021	\$50.19	\$13.75	\$15.80	\$0.00	\$79.74
	12/01/2021	\$51.33	\$13.75	\$15.80	\$0.00	\$80.88
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
TRAILERS FOR EARTH MOVING EQUIPMENT <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE B</i>	06/01/2021	\$36.82	\$12.91	\$14.82	\$0.00	\$64.55
	08/01/2021	\$36.82	\$13.41	\$14.82	\$0.00	\$65.05
	12/01/2021	\$36.82	\$13.41	\$16.01	\$0.00	\$66.24
TUNNEL WORK - COMPRESSED AIR <i>LABORERS (COMPRESSED AIR)</i>	06/01/2021	\$52.90	\$8.60	\$18.17	\$0.00	\$79.67
	12/01/2021	\$53.91	\$8.60	\$18.17	\$0.00	\$80.68
For apprentice rates see "Apprentice- LABORER"						
TUNNEL WORK - COMPRESSED AIR (HAZ. WASTE) <i>LABORERS (COMPRESSED AIR)</i>	06/01/2021	\$54.90	\$8.60	\$18.17	\$0.00	\$81.67
	12/01/2021	\$55.91	\$8.60	\$18.17	\$0.00	\$82.68
For apprentice rates see "Apprentice- LABORER"						
TUNNEL WORK - FREE AIR <i>LABORERS (FREE AIR TUNNEL)</i>	06/01/2021	\$44.97	\$8.60	\$18.17	\$0.00	\$71.74
	12/01/2021	\$45.98	\$8.60	\$18.17	\$0.00	\$72.75
For apprentice rates see "Apprentice- LABORER"						

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
TUNNEL WORK - FREE AIR (HAZ. WASTE) LABORERS (FREE AIR TUNNEL)	06/01/2021	\$46.97	\$8.60	\$18.17	\$0.00	\$73.74
	12/01/2021	\$47.98	\$8.60	\$18.17	\$0.00	\$74.75
For apprentice rates see "Apprentice- LABORER"						
VAC-HAUL TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	06/01/2021	\$36.24	\$12.91	\$14.82	\$0.00	\$63.97
	08/01/2021	\$36.24	\$13.41	\$14.82	\$0.00	\$64.47
	12/01/2021	\$36.24	\$13.41	\$16.01	\$0.00	\$65.66
VOICE-DATA-VIDEO TECHNICIAN ELECTRICIANS LOCAL 96	09/06/2020	\$31.54	\$11.13	\$15.54	\$0.00	\$58.21
	09/05/2021	\$32.86	\$11.57	\$15.72	\$0.00	\$60.15
	09/04/2022	\$34.19	\$12.20	\$15.91	\$0.00	\$62.30

Apprentice - VOICE-DATA-VIDEO TECHNICIAN - Local 96

Effective Date - 09/06/2020

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$15.77	\$11.13	\$3.94	\$0.00	\$30.84
2	55	\$17.35	\$11.13	\$3.99	\$0.00	\$32.47
3	60	\$18.92	\$11.13	\$15.16	\$0.00	\$45.21
4	65	\$20.50	\$11.13	\$15.21	\$0.00	\$46.84
5	70	\$22.08	\$11.13	\$15.25	\$0.00	\$48.46
6	75	\$23.66	\$11.13	\$15.30	\$0.00	\$50.09
7	80	\$25.23	\$11.13	\$15.35	\$0.00	\$51.71
8	85	\$26.81	\$11.13	\$15.39	\$0.00	\$53.33

Effective Date - 09/05/2021

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$16.43	\$11.57	\$4.10	\$0.00	\$32.10
2	55	\$18.07	\$11.57	\$4.15	\$0.00	\$33.79
3	60	\$19.72	\$11.57	\$15.32	\$0.00	\$46.61
4	65	\$21.36	\$11.57	\$15.37	\$0.00	\$48.30
5	70	\$23.00	\$11.57	\$15.42	\$0.00	\$49.99
6	75	\$24.65	\$11.57	\$15.47	\$0.00	\$51.69
7	80	\$26.29	\$11.57	\$15.35	\$0.00	\$53.21
8	85	\$27.93	\$11.57	\$15.39	\$0.00	\$54.89

Notes:

Apprentice to Journeyworker Ratio:1:1

WAGON DRILL OPERATOR LABORERS - ZONE 2	06/01/2021	\$35.25	\$8.60	\$16.64	\$0.00	\$60.49
	12/01/2021	\$36.16	\$8.60	\$16.64	\$0.00	\$61.40
	06/01/2022	\$37.06	\$8.60	\$16.64	\$0.00	\$62.30
	12/01/2022	\$37.91	\$8.60	\$16.64	\$0.00	\$63.15
	06/01/2023	\$38.81	\$8.60	\$16.64	\$0.00	\$64.05
	12/01/2023	\$39.71	\$8.60	\$16.64	\$0.00	\$64.95
For apprentice rates see "Apprentice- LABORER"						
WAGON DRILL OPERATOR (HEAVY & HIGHWAY) LABORERS - ZONE 2 (HEAVY & HIGHWAY)	06/01/2021	\$35.25	\$8.60	\$16.64	\$0.00	\$60.49
	12/01/2021	\$36.16	\$8.60	\$16.64	\$0.00	\$61.40

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)						
WASTE WATER PUMP OPERATOR	06/01/2021	\$50.73	\$13.75	\$15.80	\$0.00	\$80.28
OPERATING ENGINEERS LOCAL 4	12/01/2021	\$51.88	\$13.75	\$15.80	\$0.00	\$81.43
For apprentice rates see "Apprentice- OPERATING ENGINEERS"						
WATER METER INSTALLER	03/01/2021	\$47.85	\$9.80	\$15.77	\$0.00	\$73.42
PLUMBERS LOCAL 4	09/01/2021	\$48.85	\$9.80	\$15.77	\$0.00	\$74.42
	03/01/2022	\$49.85	\$9.80	\$15.77	\$0.00	\$75.42
For apprentice rates see "Apprentice- PLUMBER/PIPEFITTER" or "PLUMBER/GASFITTER"						

Additional Apprentice Information:

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

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

All steps are six months (1000 hours.)

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

** Multiple ratios are listed in the comment field.

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

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



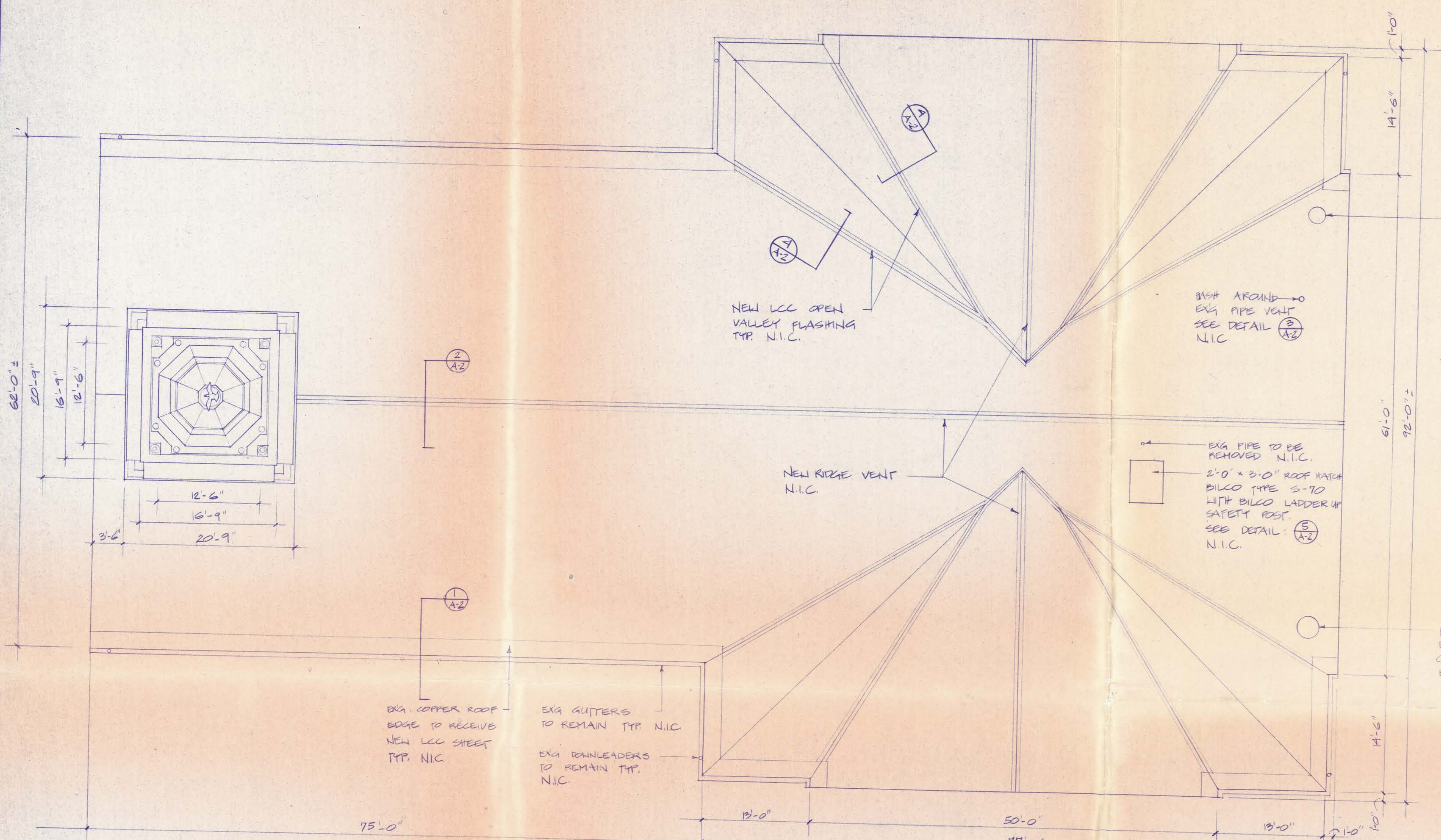
DESIGN & CONSERVATION
TEL (608) 957-5977
FAX (608) 957-0893

24 NORTH WATER STREET, NEW BEDFORD, MA 02740

ROOF PLAN - TOWER DETAILS
CARPENTRY REPAIRS AT
MILFORD TOWN HALL, MILFORD MA

SCALE: AS NOTED
DATE: AUG 12, 1993
REVISED: FEB 1, 1994
DRAWN: A. SURYA

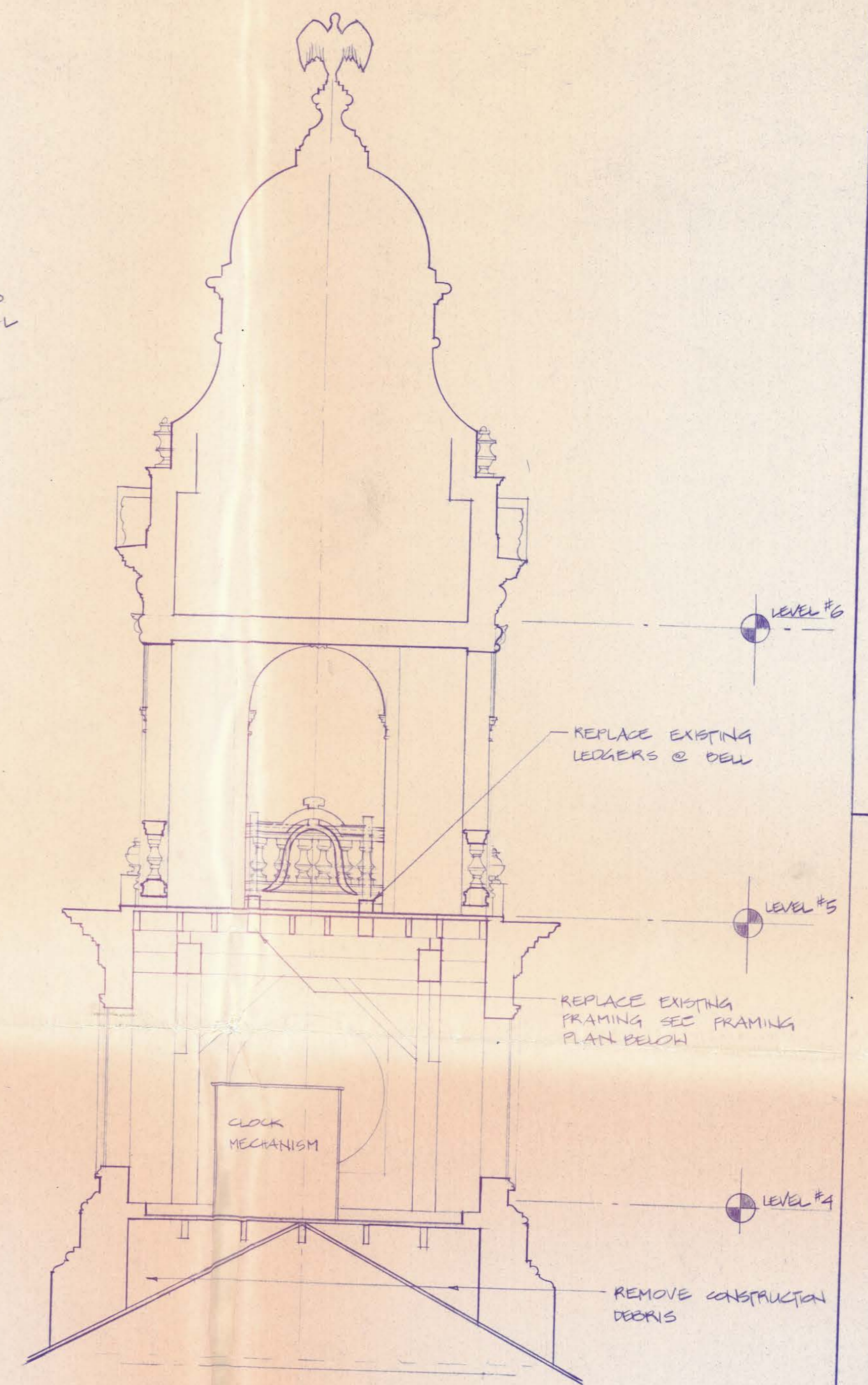
A-1



FLASH AROUND EXISTING METAL CHIMNEY WITH E.P.D.M. N.I.C.

FLASH AROUND EXISTING METAL CHIMNEY WITH E.P.D.M. N.I.C.

FLASH AROUND EXISTING METAL CHIMNEY WITH E.P.D.M. N.I.C.



REPLACE EXISTING LEDGERS @ DEW

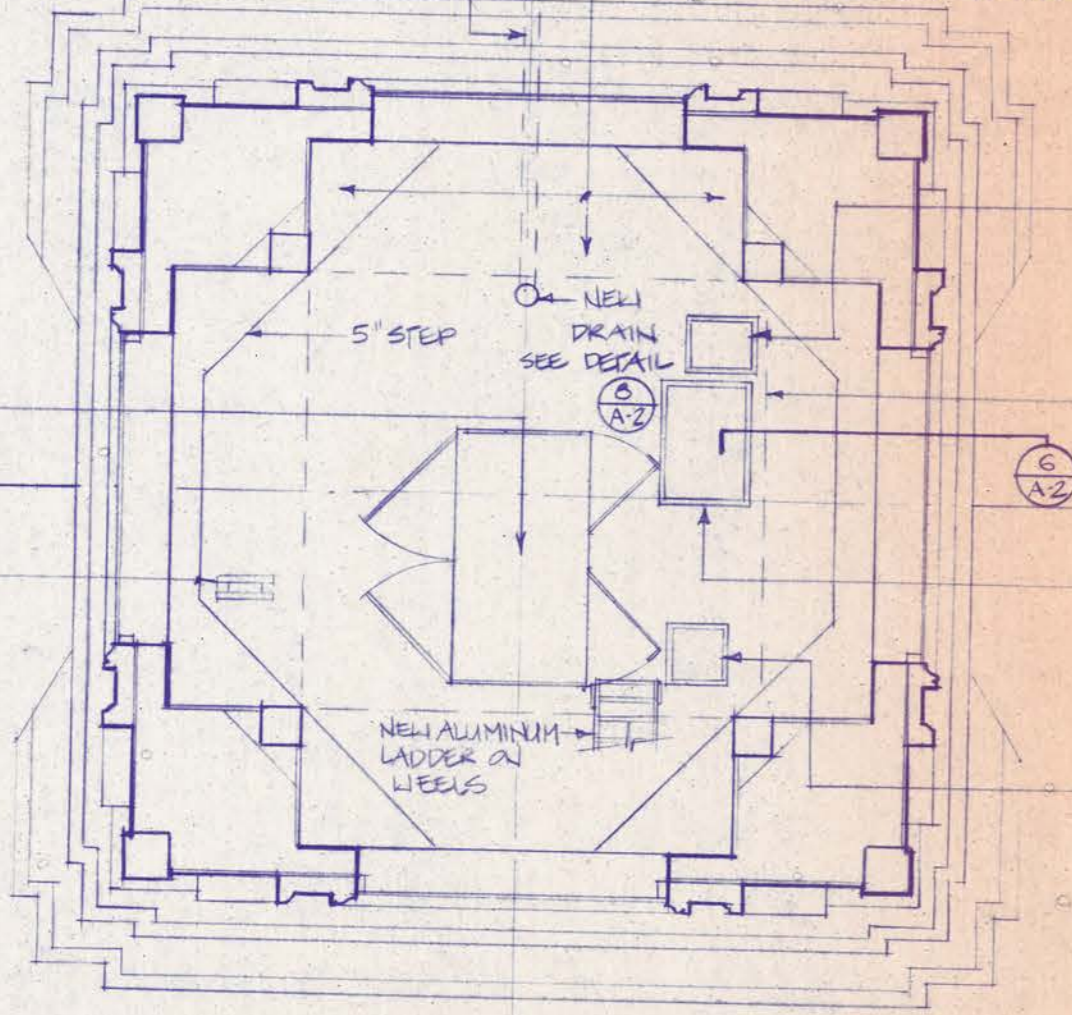
REPLACE EXISTING FRAMING SEC FRAMING PLAN BELOW

REMOVE CONSTRUCTION DECKS

1
A-1
TOWER SECTION
SCALE: 1/4" = 1'-0"

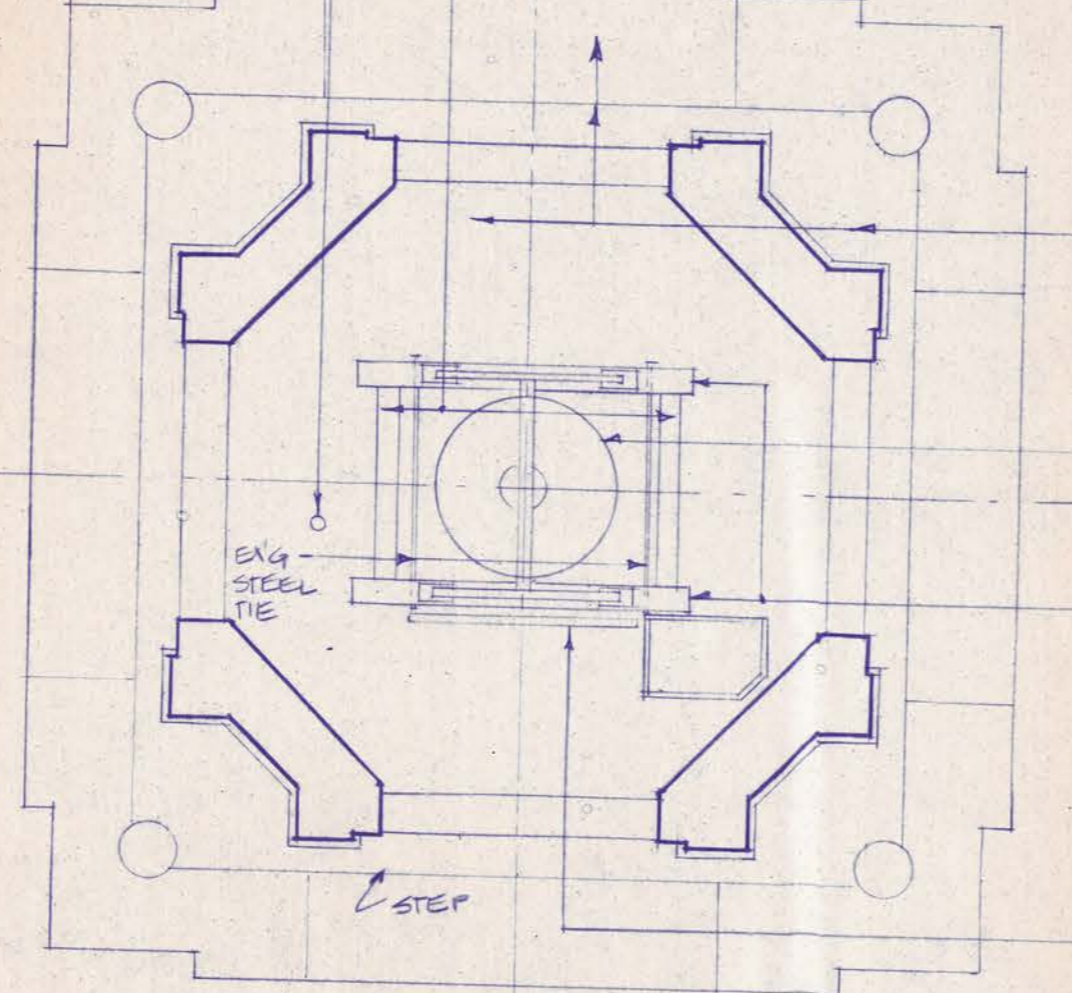
ROOF PLAN
SCALE: 1/8" = 1'-0"

REMOVE EXISTING METAL FROM THE FLOOR & HALLS. INSTALL RUBBER ROOF OVER NEW 3/4" PLYWOOD
NEW 1" LCC DRAIN LEADER PIPES TO THE OUTSIDE OF TOWER BASE
INSTALL RUBBER OVER CLOCK MECHANISM BOX
REMOVE ROPE PULLEY MOUNTED TO THE FLOOR



TOWER PLAN @ LEVEL #1
SCALE: 1/4" = 1'-0"

CLOSE IN ROPE OPENING
EXIST. 5/8" x 7/8" BRACKING TO BE REPLACED WITH NEW PRESSURE TREATED 1x4 INSTALLED ABOVE ROOF SURFACE

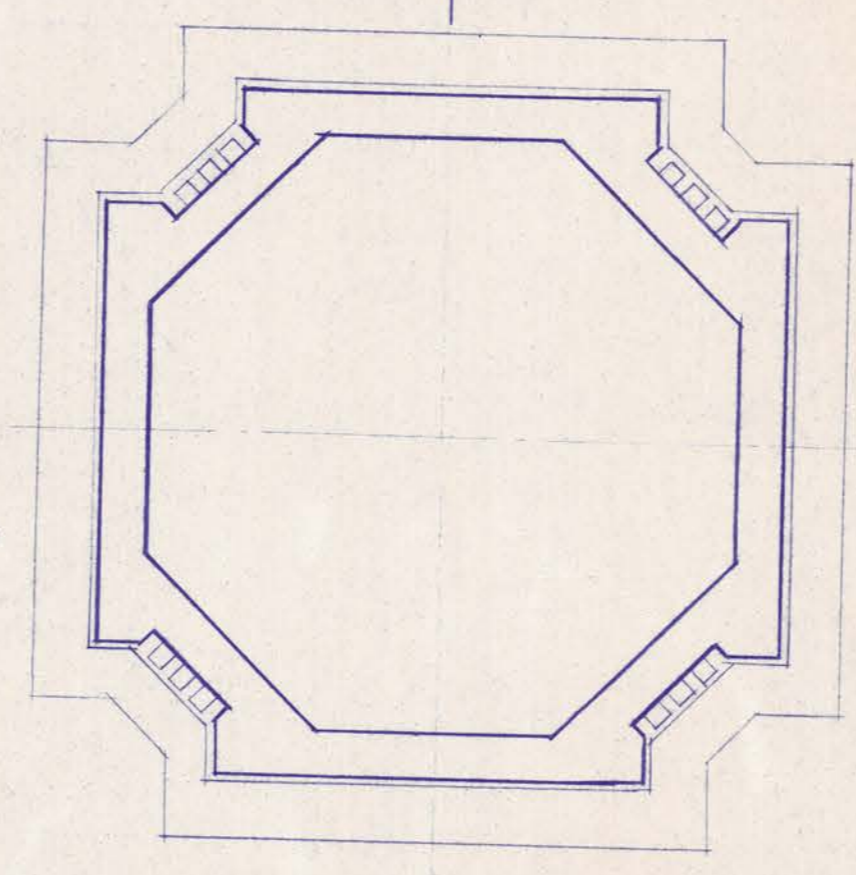


TOWER PLAN @ LEVEL #5
SCALE: 1/4" = 1'-0"

REMOVE EXISTING LCC ROOF & SHEATHING. INSTALL NEW PLYWOOD SHEATHING & NEW RUBBER ROOF. SEE DETAIL (A/AZ)
3'-9" DIA x 2'-10" HIGH 1" THICK BELL

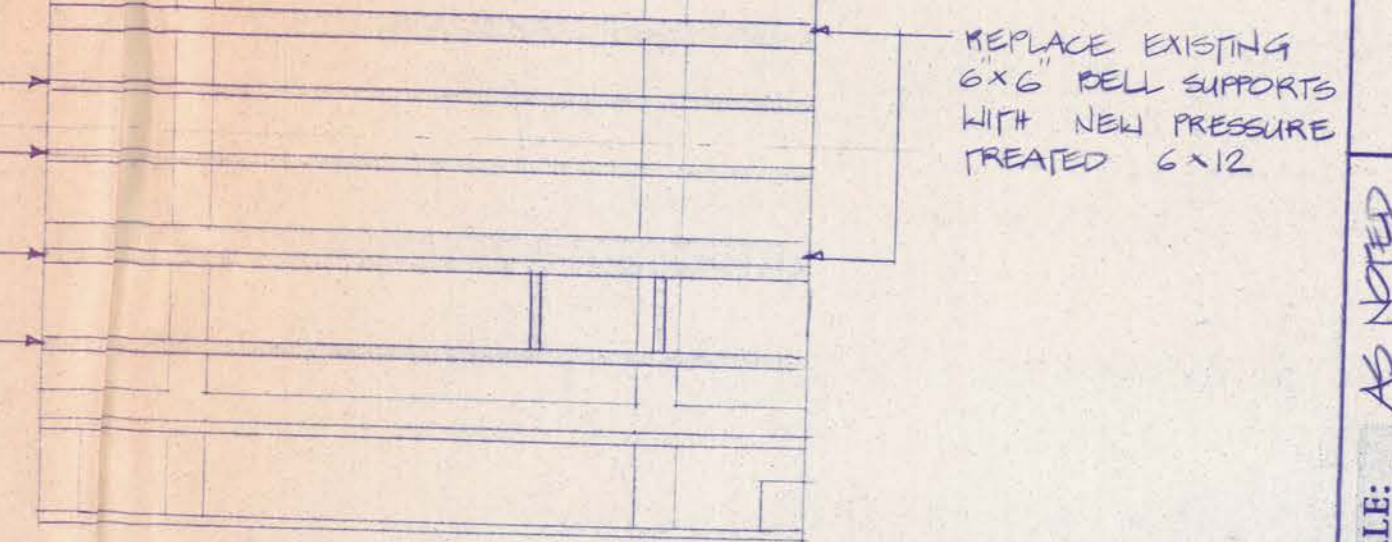
EXISTING 5/8" x 7/8" BEAMS TO BE REPLACED WITH PRESSURE TREATED LUMBER AND FLASHED. SEE DETAIL (D/AZ)

PAINT WOODEN WHEEL



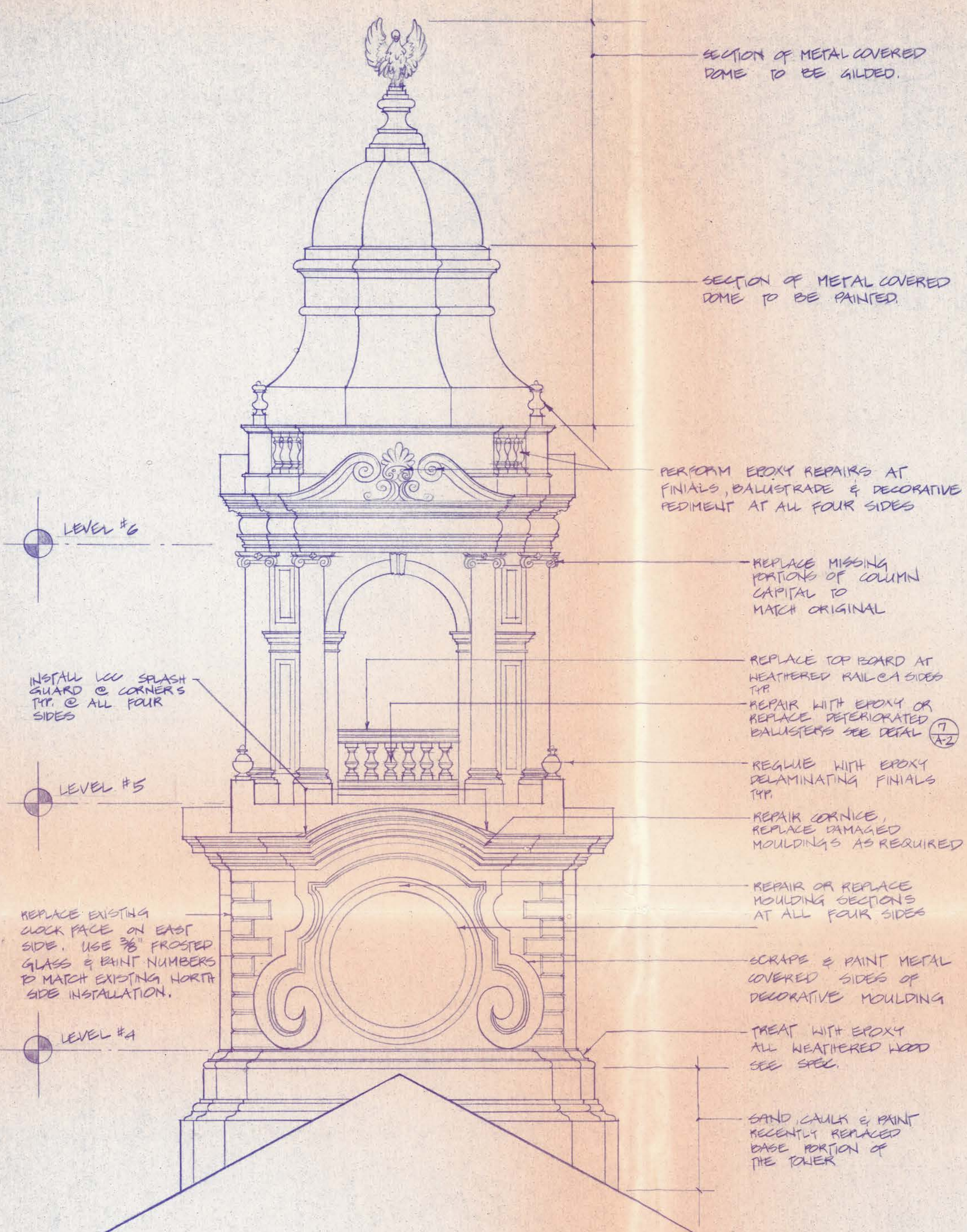
TOWER PLAN @ LEVEL #6
SCALE: 1/4" = 1'-0"

REPLACE EXISTING 2 3/4" x 17" WITH NEW PRESSURE TREATED 4x12

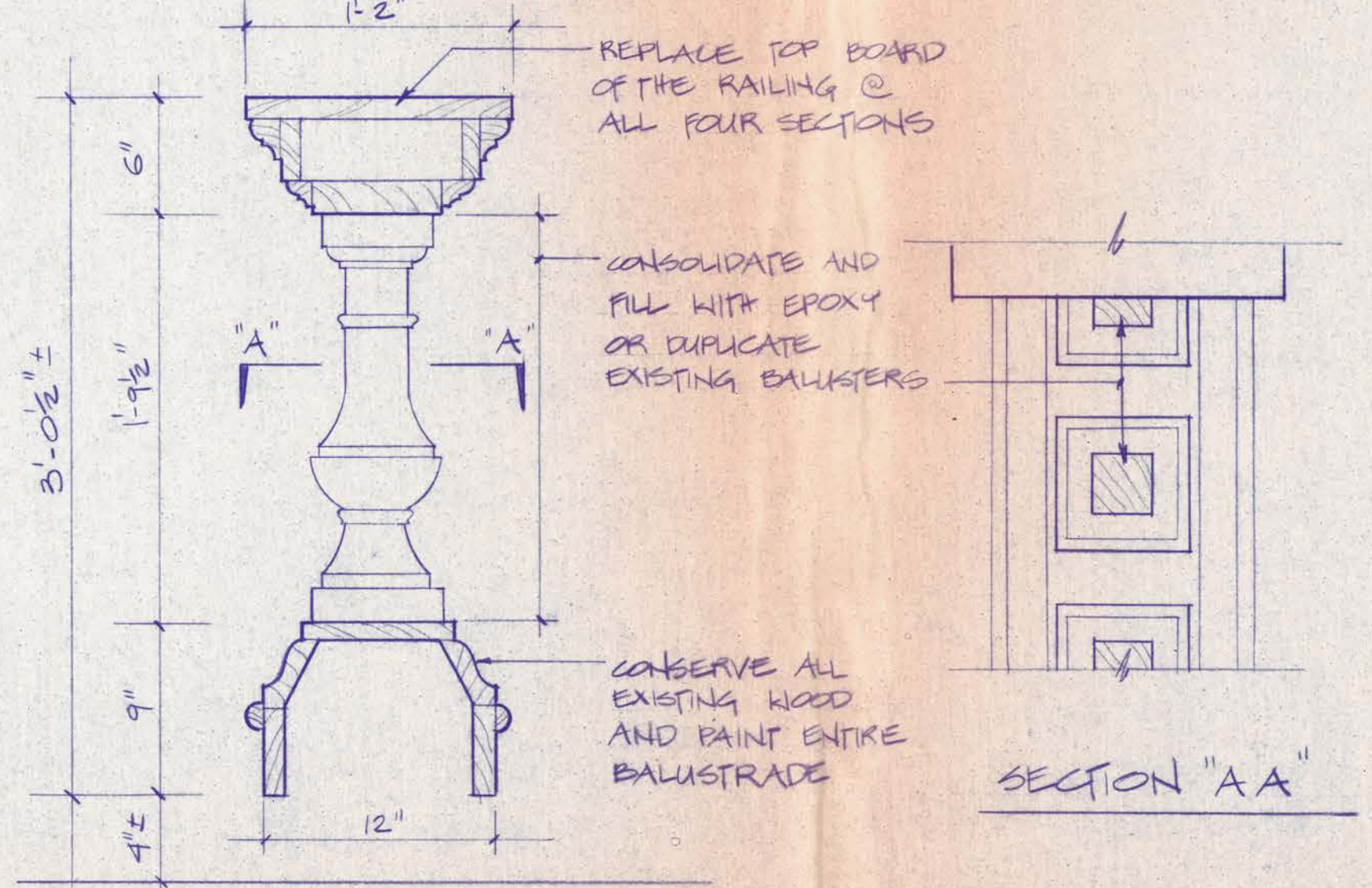


FRAMING PLAN @ LEVEL #5
SCALE: 1/4" = 1'-0"

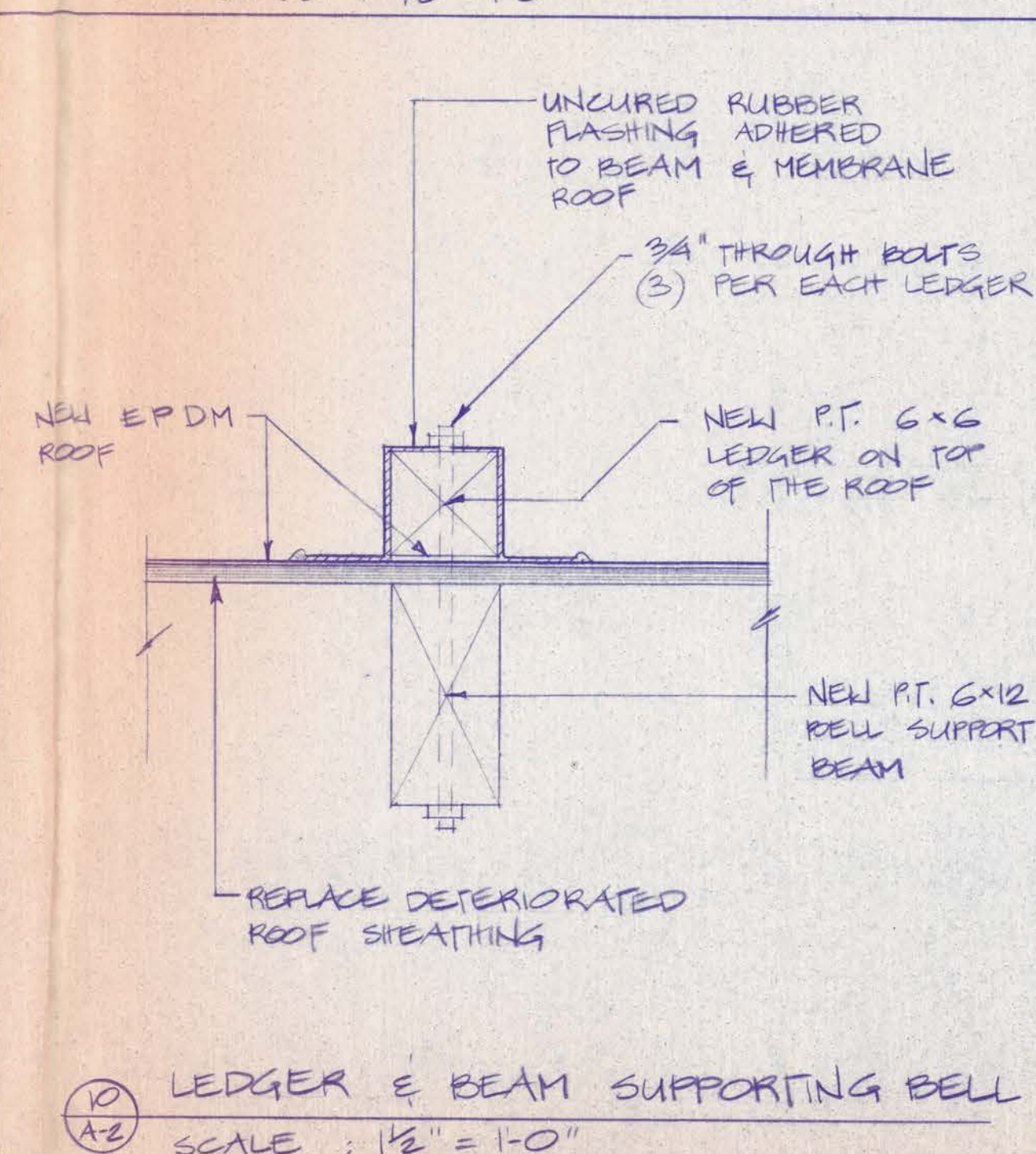
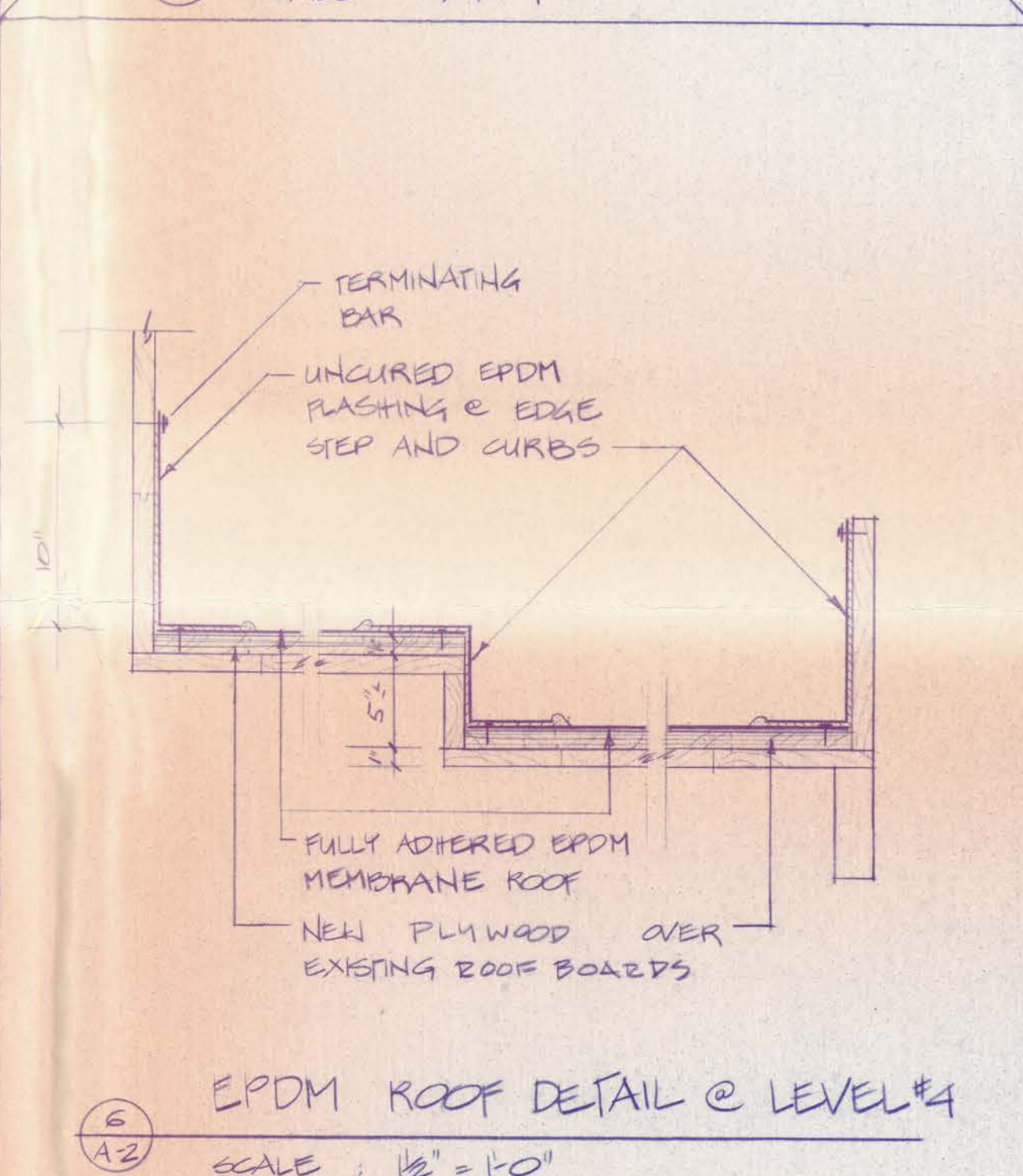
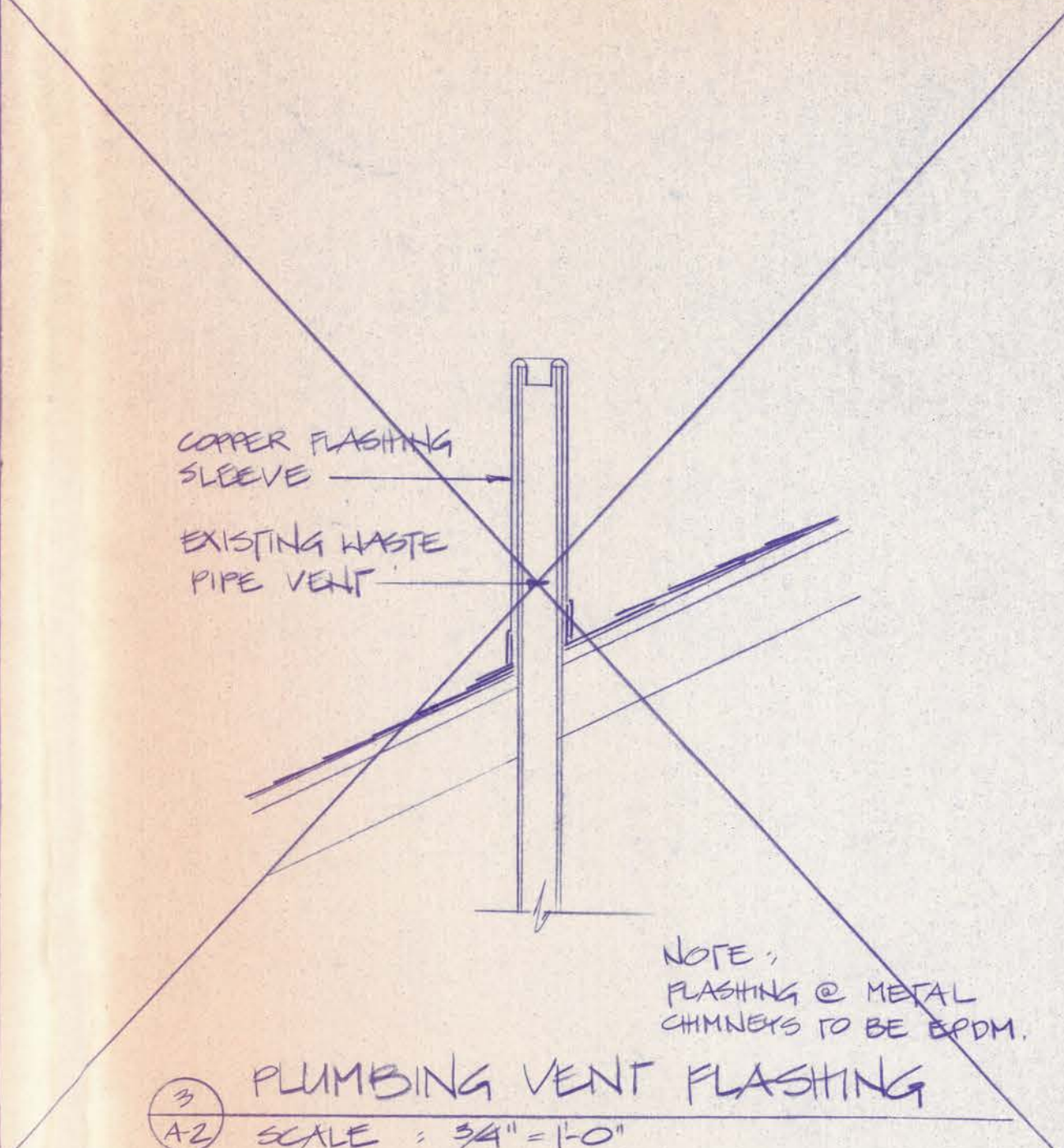
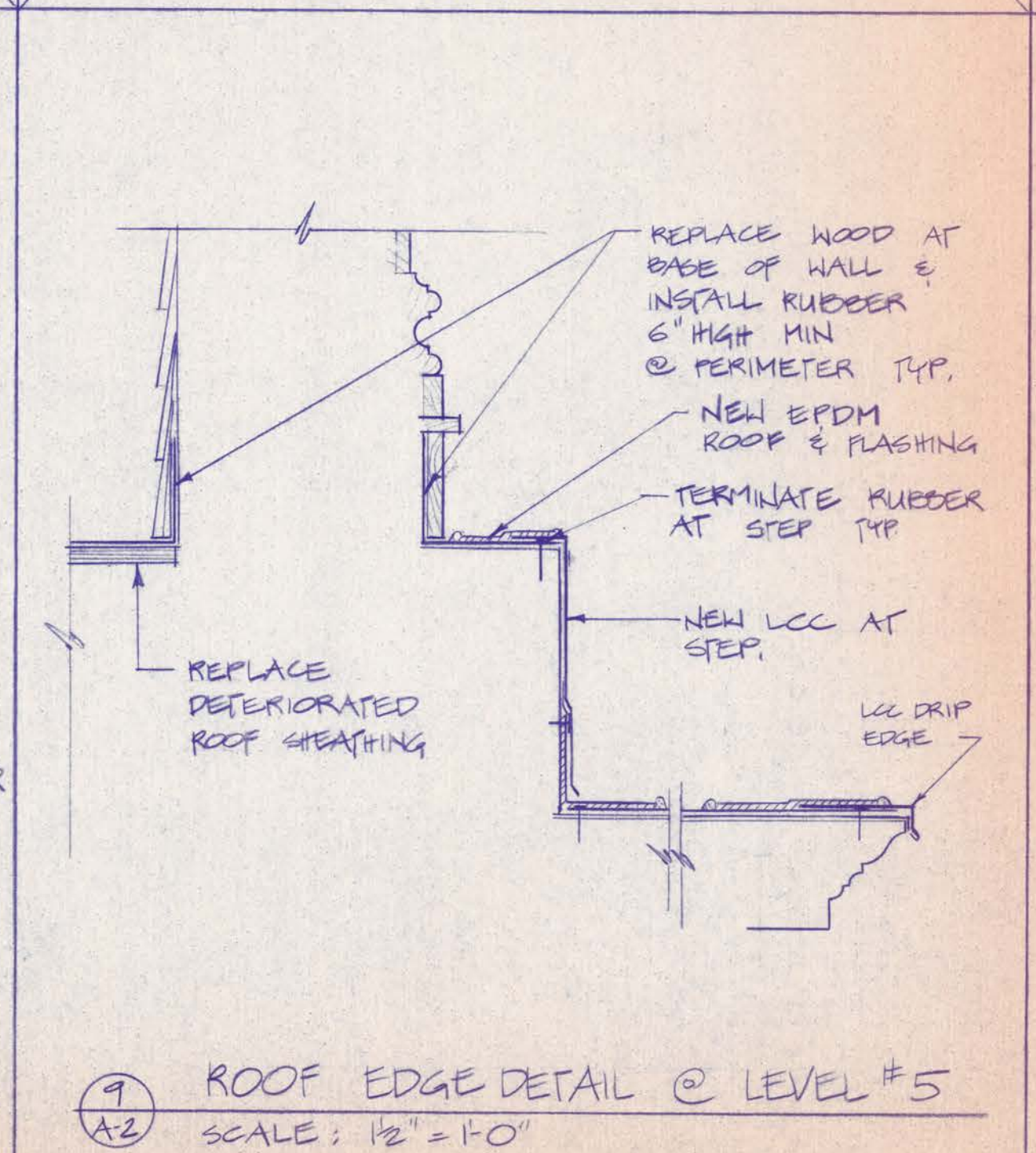
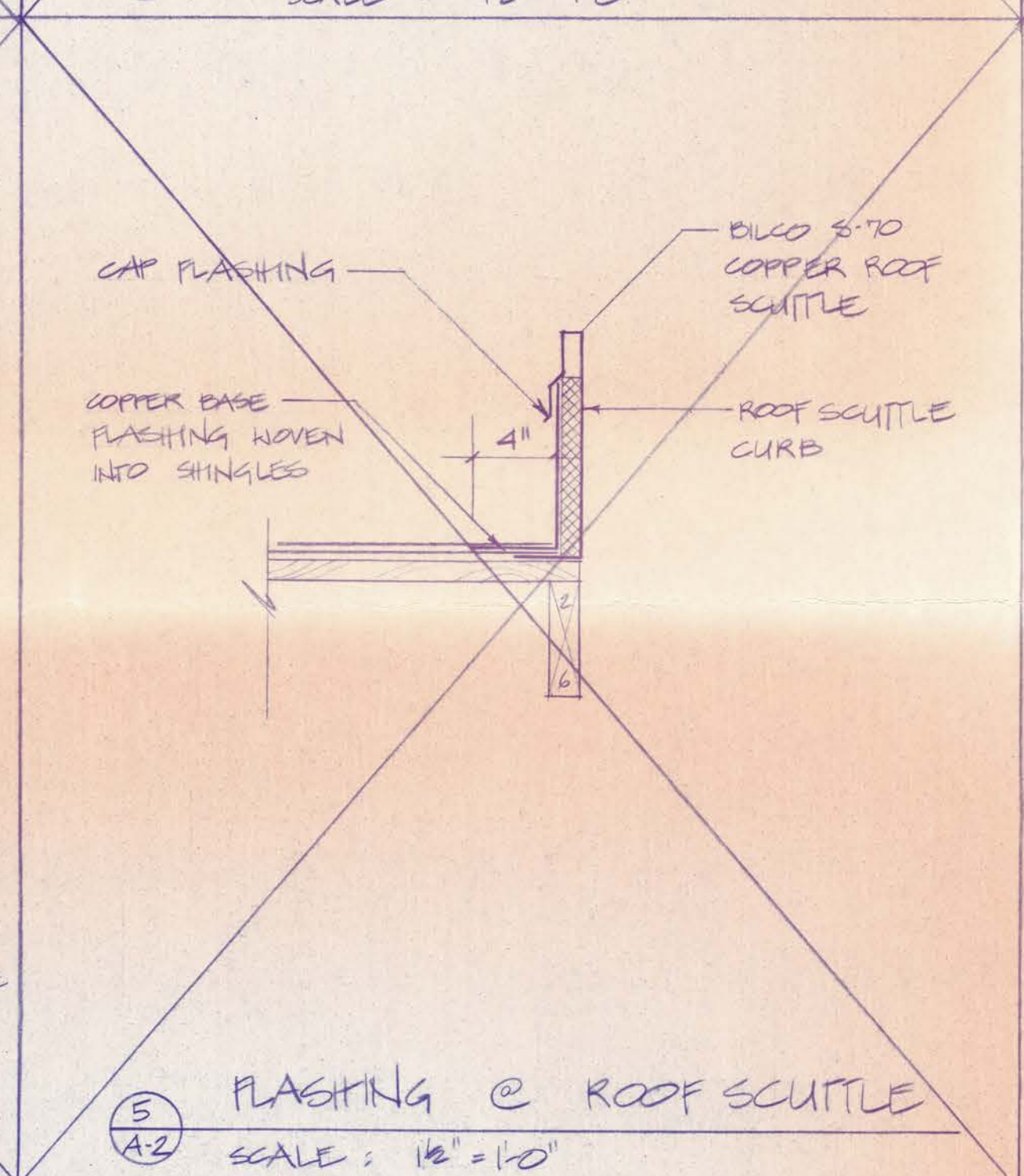
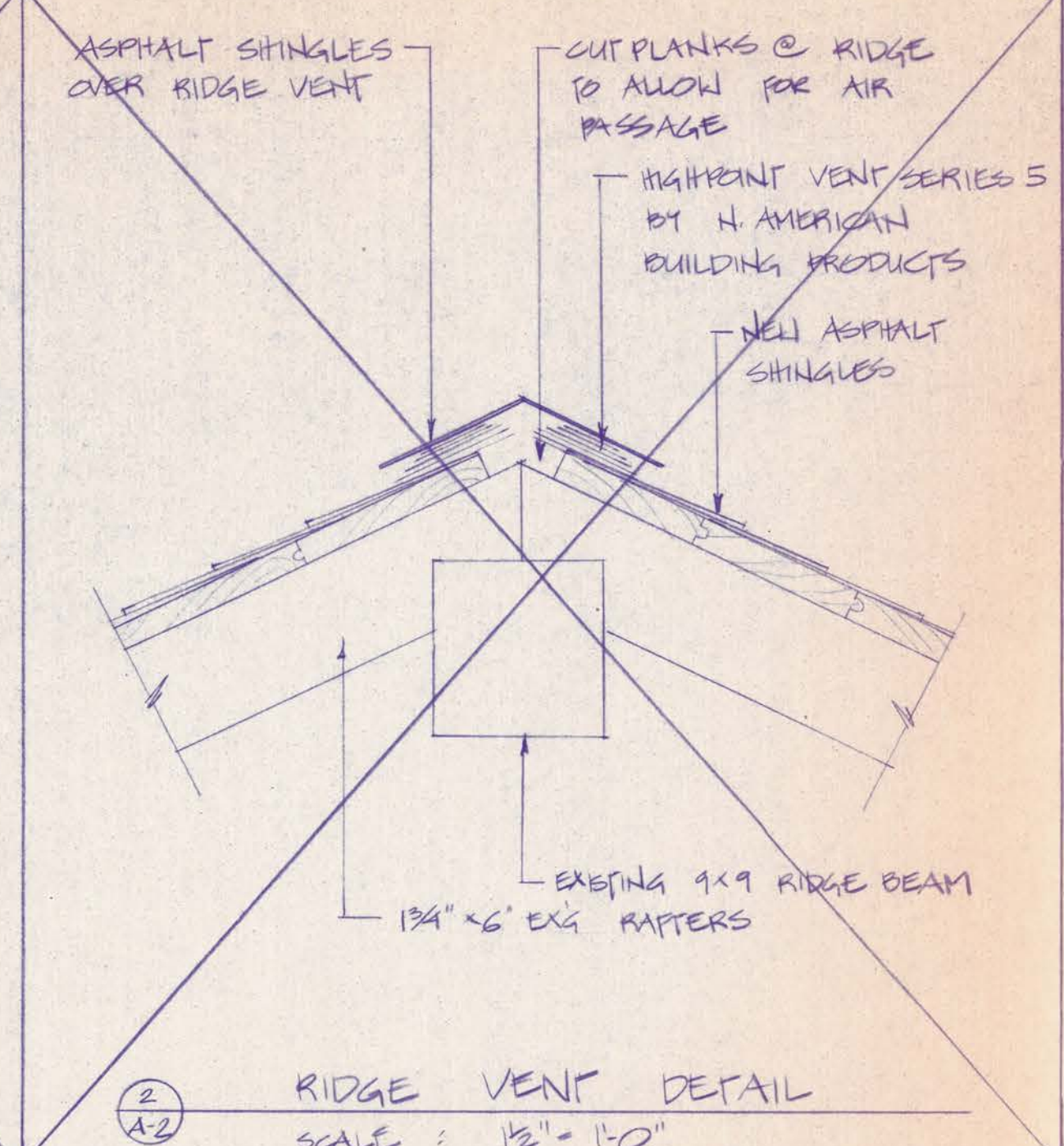
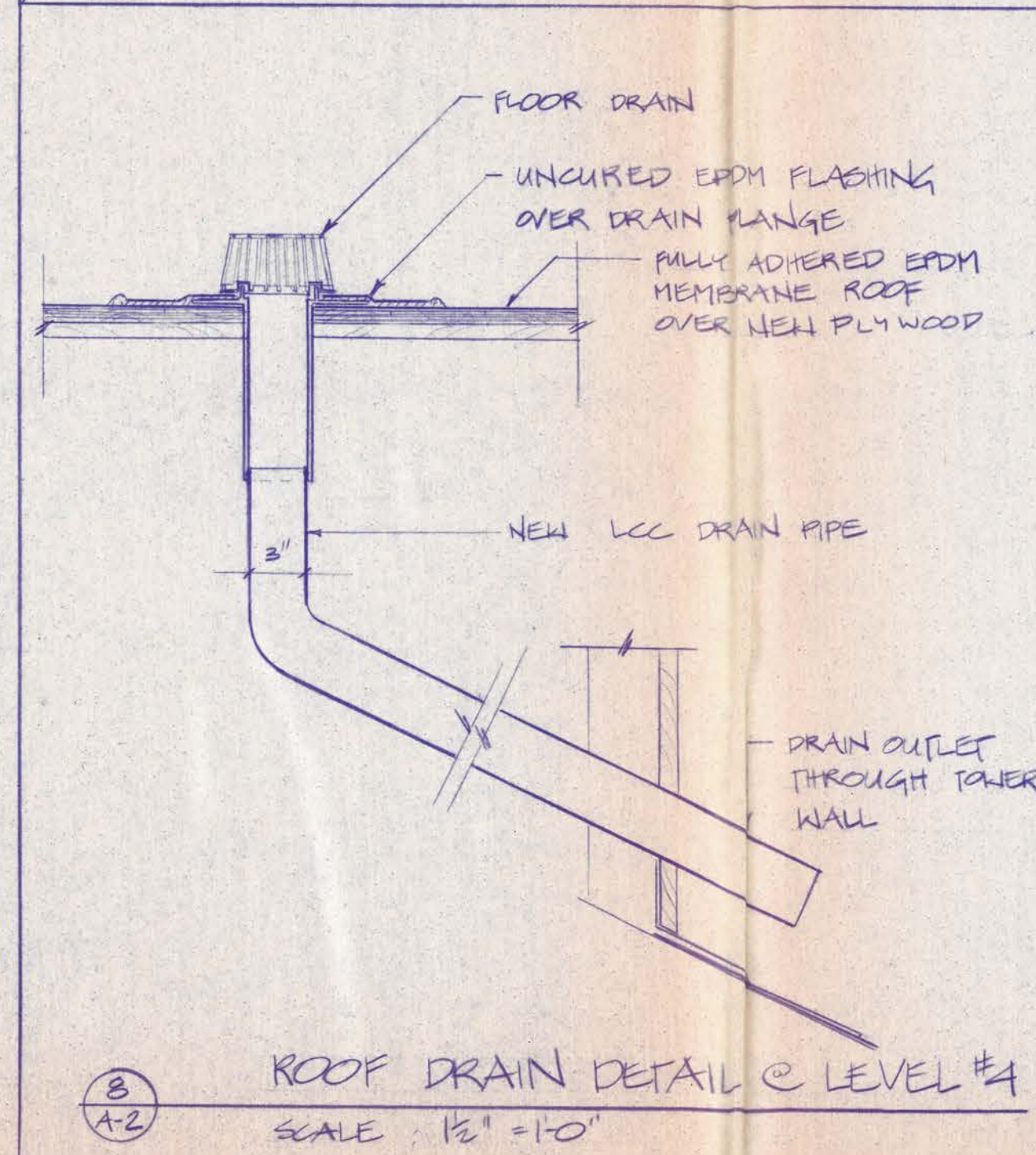
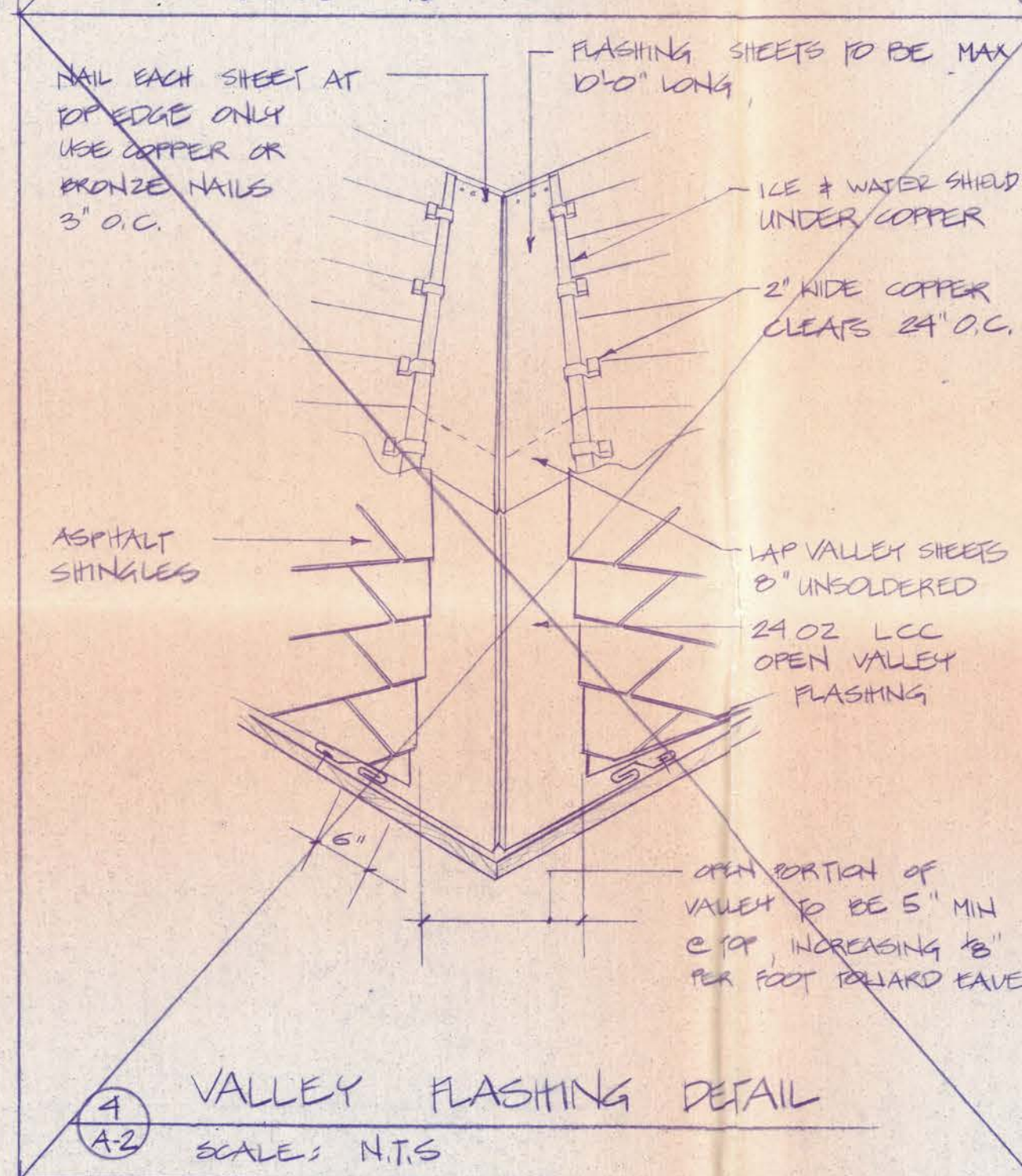
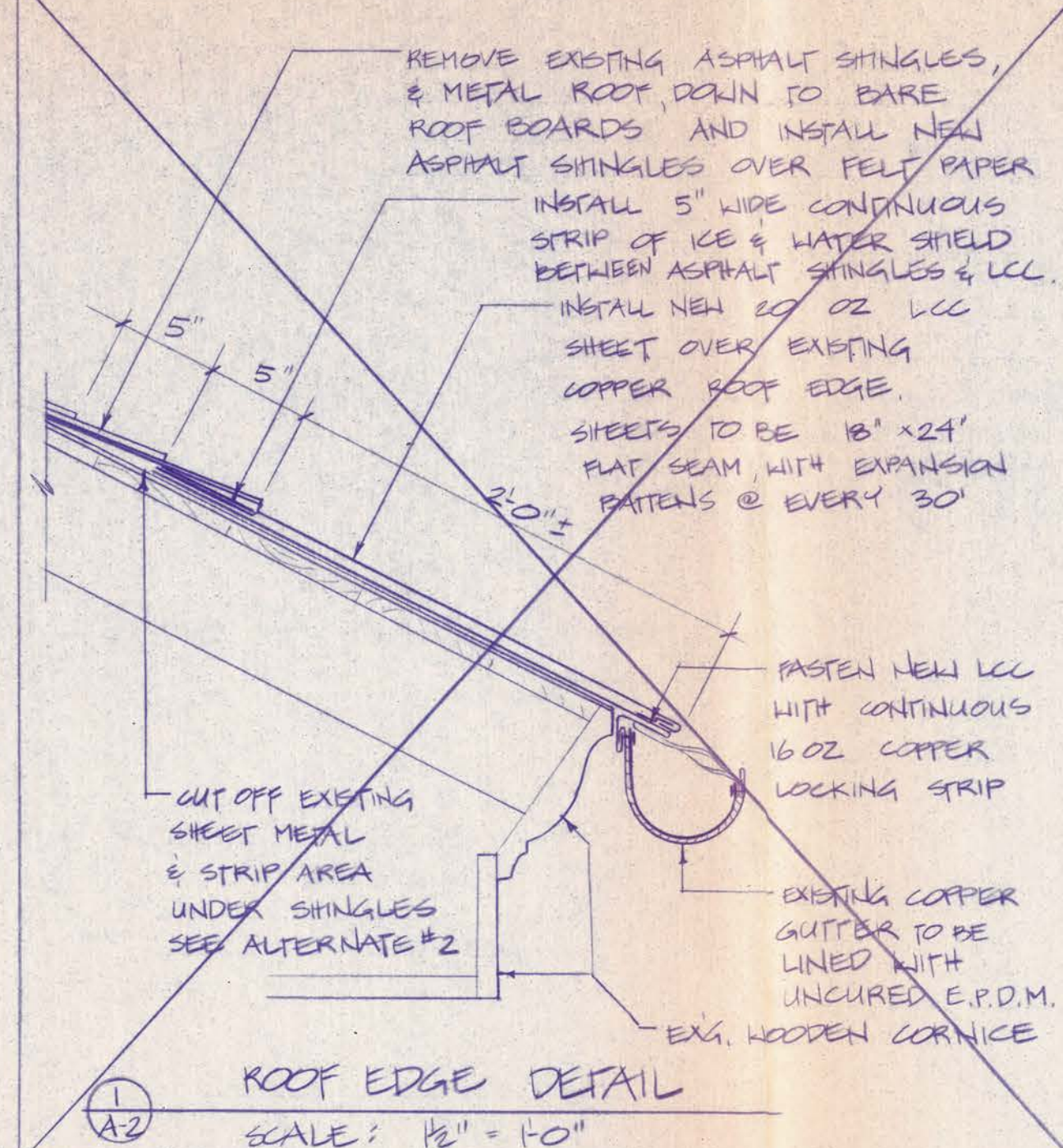
BID SET # 5



TOWER - NORTH ELEVATION
SCALE: 1/4" = 1'-0"



(7) A-2 BALUSTRADE DETAIL
SCALE: 1/2" = 1'-0"

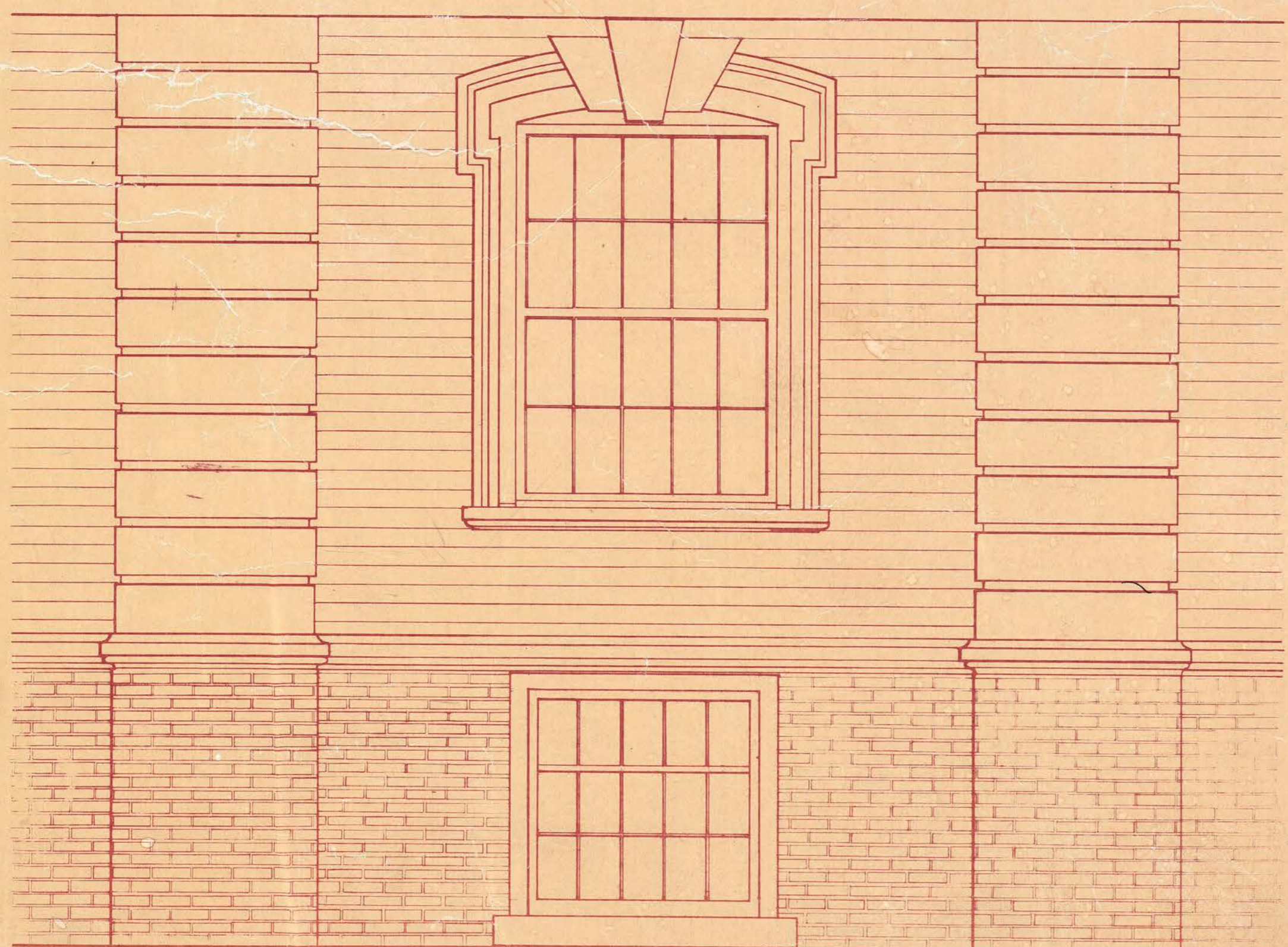
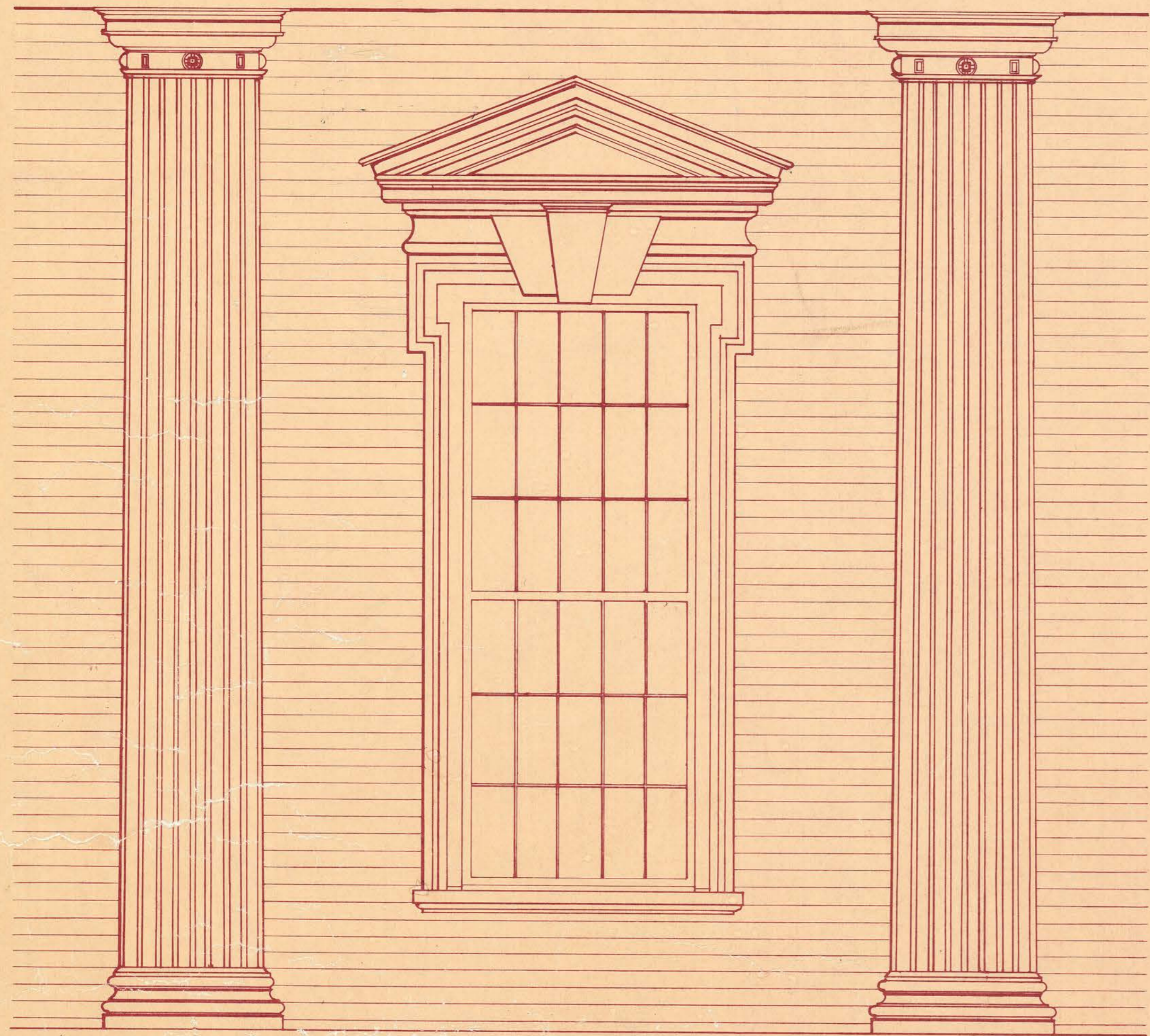
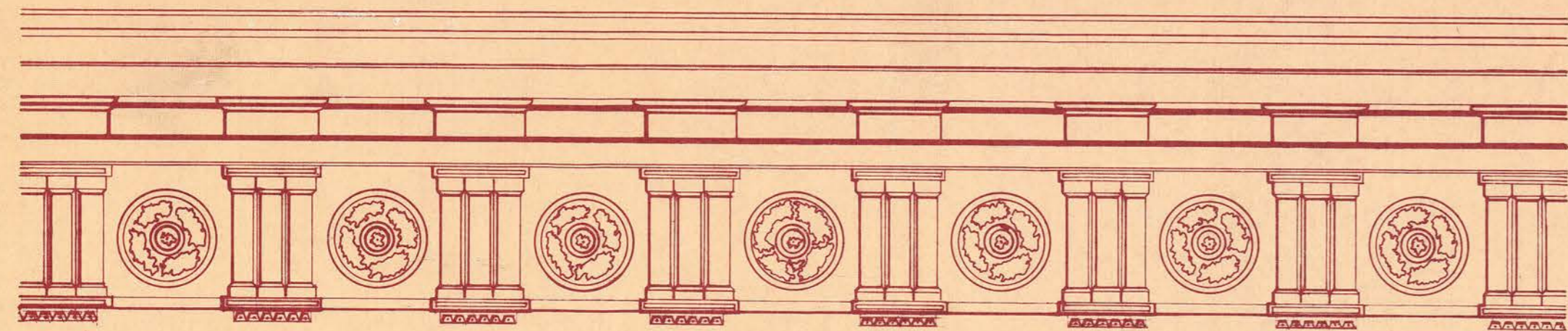


DESIGN & CONSERVATION
24 NORTH WATER STREET, NEW BEDFORD, MA 02740
TEL (508) 997-9577
FAX (508) 997-0993

TOWER AND ROOFING DETAILS
CARPENTRY REPAIRS AT
MILFORD TOWN HALL, MILFORD MA

SCALE: AS NOTED
DATE: AUG 12, 1993
REVISED: FEB. 1, 1994
DRAWN: A. SURMA

A-2



THOMAS W SILLOWAY · MDCCCLIII

ROBERT ALLEN COOK · MCMII

TOWN HALL RENOVATION MILFORD MASSACHUSETTS

A BUILDING REDEVELOPMENT & REHABILITATION PLAN PREPARED FOR TOWN OF
MILFORD ACTING THROUGH THE BOARD OF SELECTMEN WITH THE ASSISTANCE
OF THE TOWN HALL RENOVATION COMMITTEE

SELECTMEN

DINO B DeBARTOLOMEIS

ALDO L CECCHI

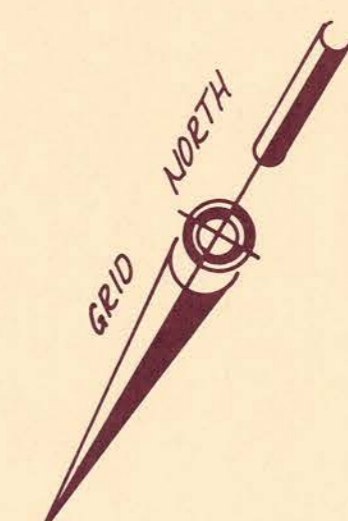
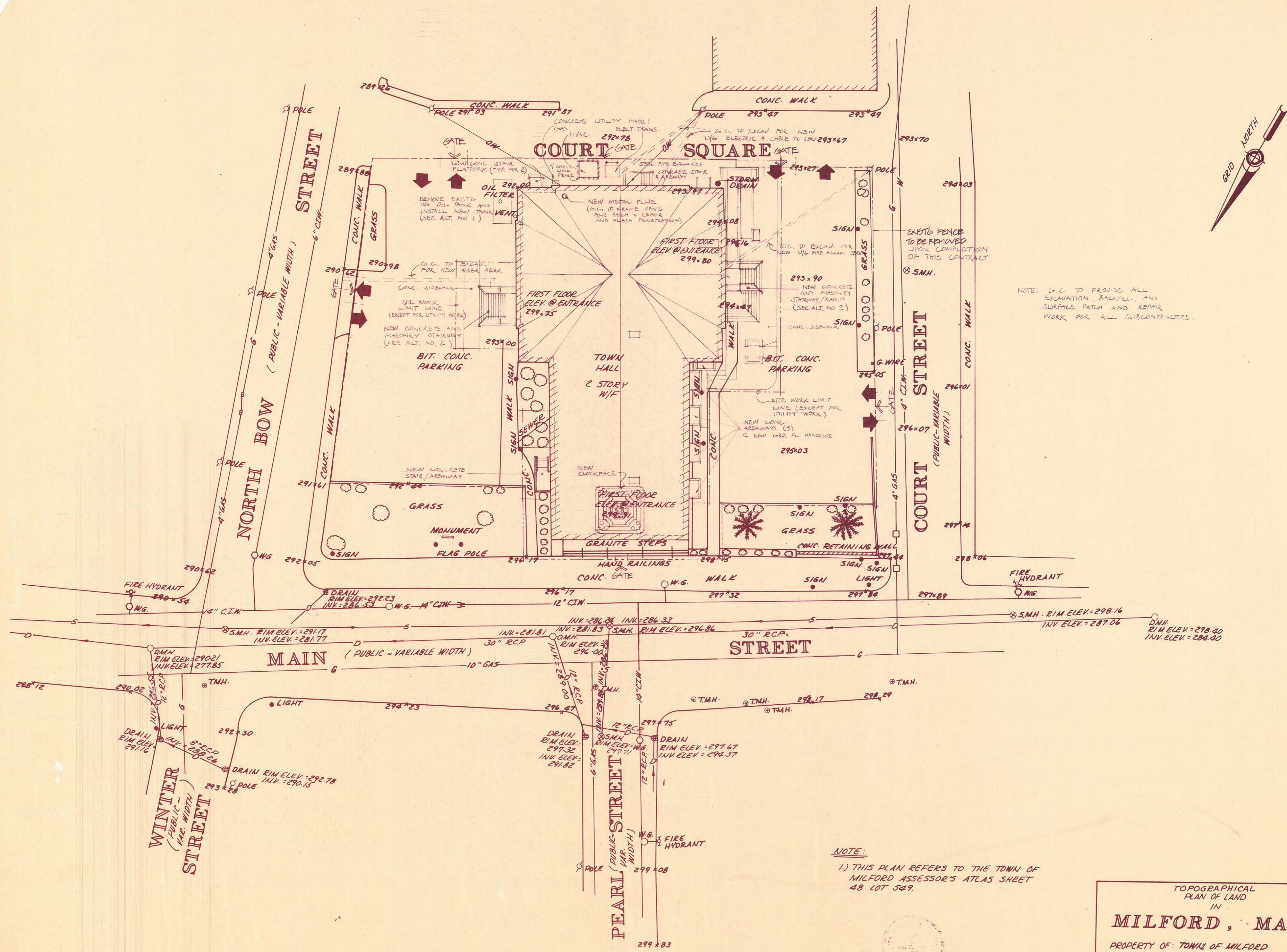
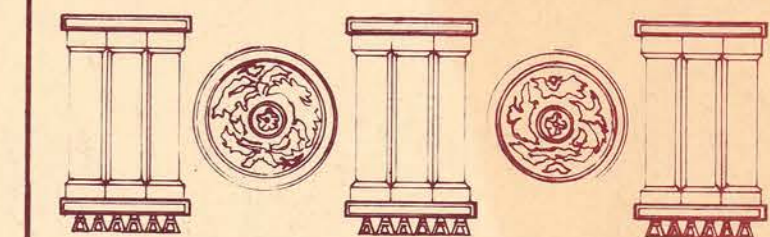
JOHN A BECCIA JR

ARCHITECT

MASTROIANNI · McQUEEN ARCHITECTS

INTERIOR RENOVATION PHASE

MCMLXXXVI



NOTE: G.C. TO PROVIDE ALL EXCAVATION, BACKFILL, AND SURFACE PATCH AND REPAIR WORK FOR ALL SUBCONTRACTORS.

NOTE:
1) THIS PLAN REFERS TO THE TOWN OF MILFORD ASSESSOR'S ATLAS SHEET 48 LOT 549.

TOPOGRAPHICAL
PLAN OF LAND
IN
MILFORD, MASS.
PROPERTY OF: TOWN OF MILFORD
SCALE: 20 FEET TO AN INCH
DATE: OCTOBER 2, 1986
GUERRIERE & HALNON, INC.
ENGINEERING AND LAND SURVEYING
333 WEST STREET, MILFORD, MASS.

Frank R. Pinella Jr.
P.L.S.

10/2/86
DATE

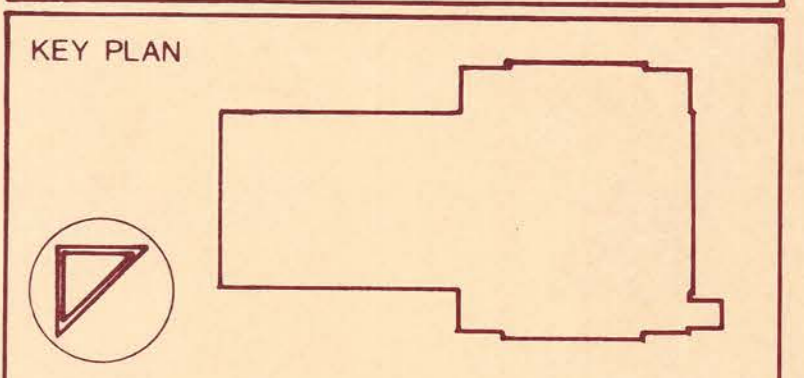


Mastroianni/McQueen Architects

211 Main Street
Milford
Massachusetts 01757
617 478 2995

MECHANICAL
E.J.Flynn Engineers, Inc.
PO DRAWER 630 MIDDLEBORO, MA 02346
(617) 947 3514

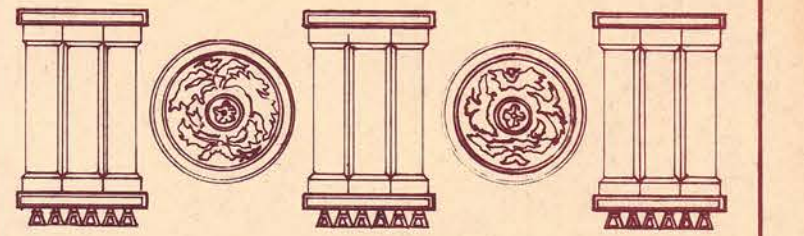
TITLE
SITE PLAN



SCALE 1/20" = 1'-0"
PROJ. NO. 8602
BY: IN: CK'D
DATE 27 OCTOBER, 1986

Professional seal and signature area with the text **SD1**.

TOWN HALL
MILFORD, MASSACHUSETTS



ALL DIMENSIONS ADDED SOME NOTES ADDED	11.25.86
No. DESCRIPTION	DATE
REVISIONS (PRECONTRACT)	

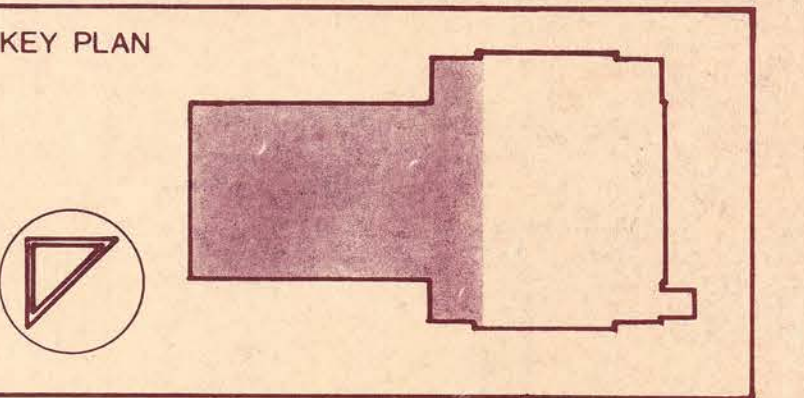
Mastroianni/McQueen Architects

211 Main Street
Milford
Massachusetts 01757
617 478 2995

STRUCTURAL
A. Philip Taylor & Associates
20 FELTON STREET WALTHAM, MA 02154
(617) 891 5673

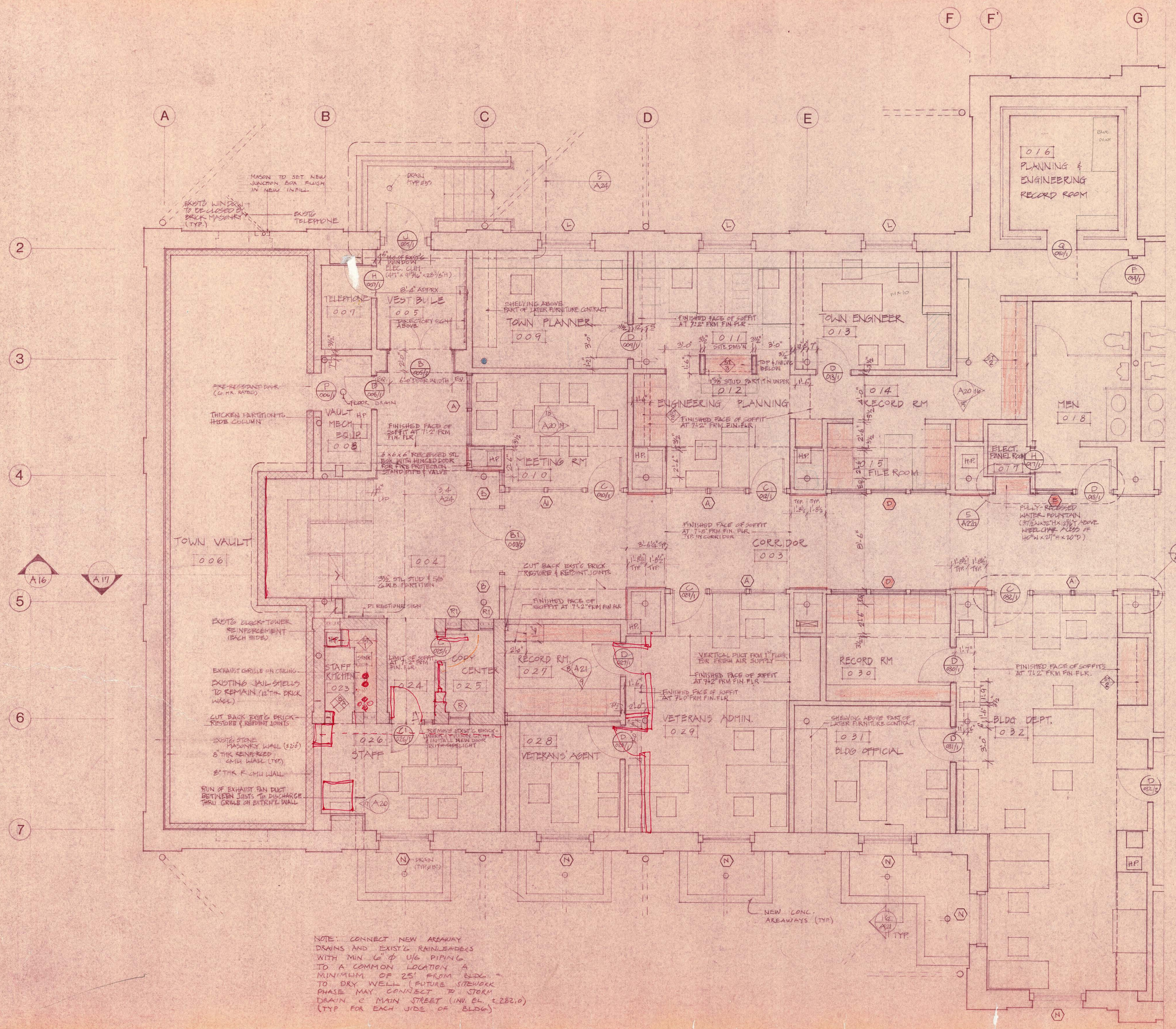
MECHANICAL
E.J. Flynn Engineers, Inc.
PO DRAWER 630 MIDDLEBORO, MA 02346
(617) 947 3514

TITLE
GROUND FLOOR PLAN

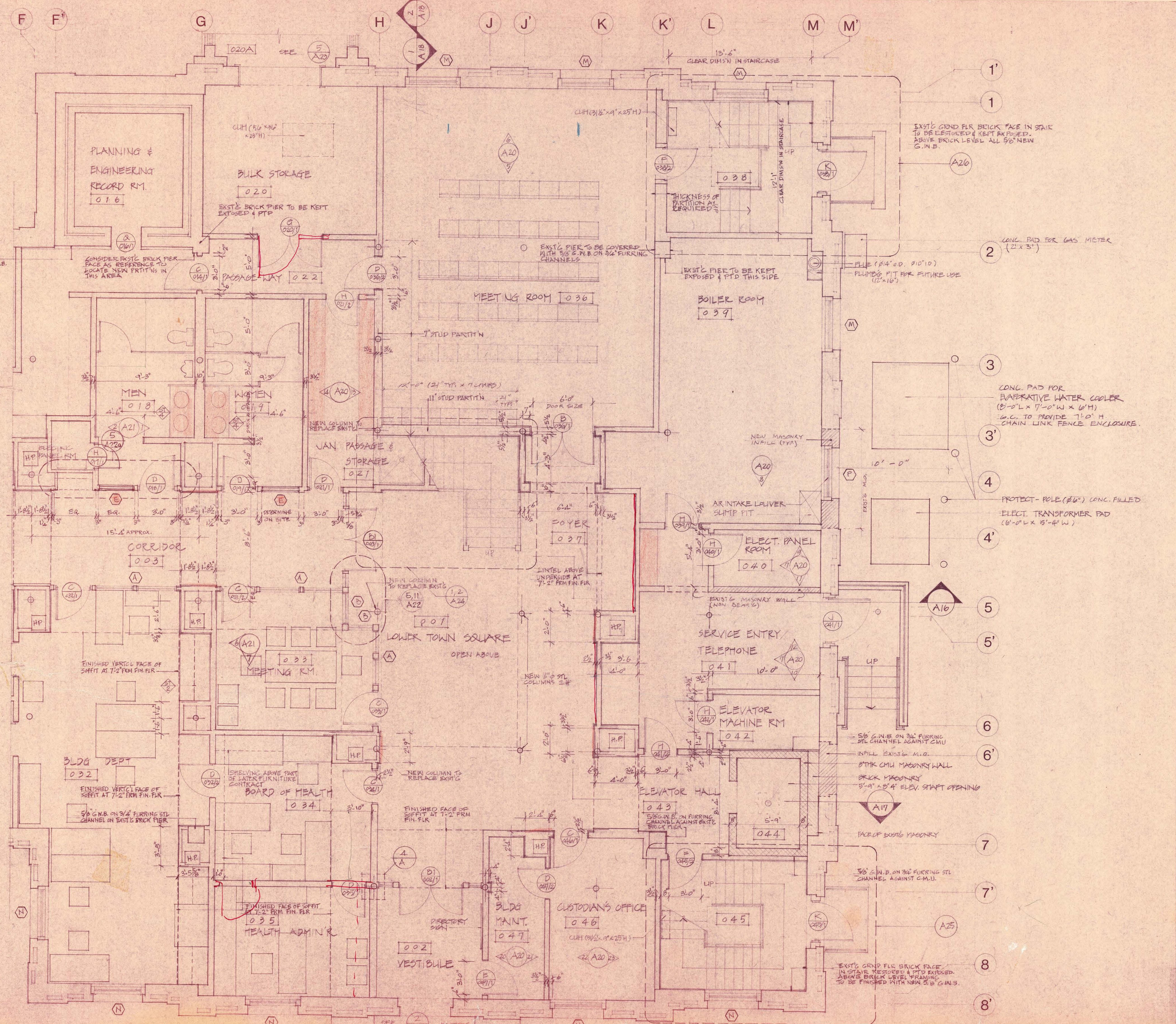


SCALE 1/4"	PROJ. NO. 8602
BY Leon Jorg	CKD RPM
DATE 21 OCTOBER, 1986	

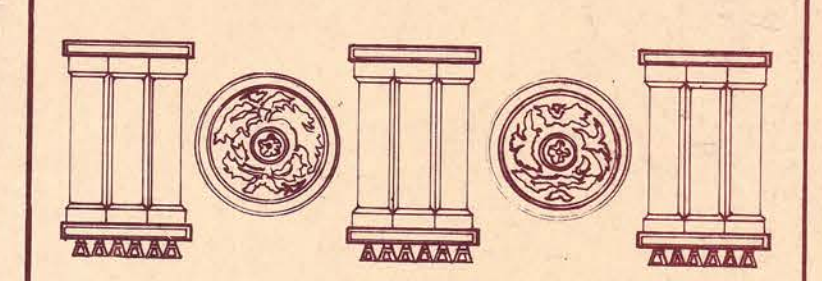
A1



NOTE: CONNECT NEW AREAWAY DRAINS AND EXIST'G RAINLEADERS WITH MIN 1/2" U/G PIPING TO A COMMON LOCATION A MINIMUM OF 25' FROM BLDG. TO DRY WELL (FUTURE SITEWORK PHASE MAY CONNECT TO STORM DRAIN C MAIN STREET (INV. EL. ±282.0) (TYP. FOR EACH SIDE OF BLDG.)



TOWN HALL
MILFORD, MASSACHUSETTS



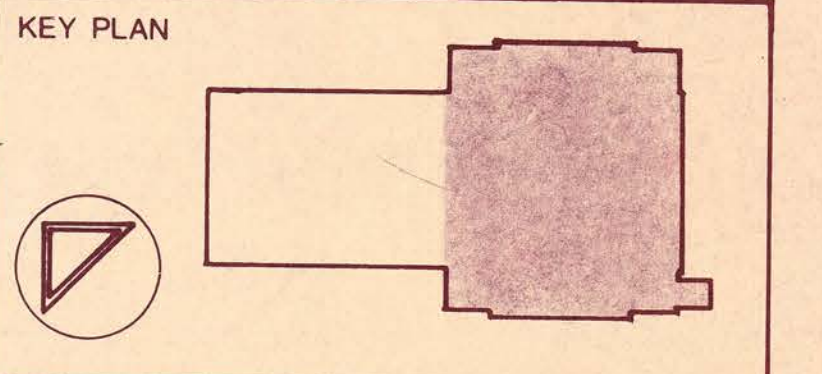
ALL DIMENSIONS ADDED	11.25.86
SOME NOTES ADDED	
DESCRIPTION	DATE
REVISIONS (PRECONTRACT)	

Mastroianni/McQueen Architects
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Milford
Massachusetts 01757
617 478 2995

STRUCTURAL
A. Philip Taylor & Associates
20 FELTON STREET WALTHAM, MA 02154
(617) 891 5673

MECHANICAL
E.J. Flynn Engineers, Inc.
PO DRAWER 630 MIDDLEBORO, MA 02346
(617) 947 3514

TITLE
GROUND FLOOR PLAN



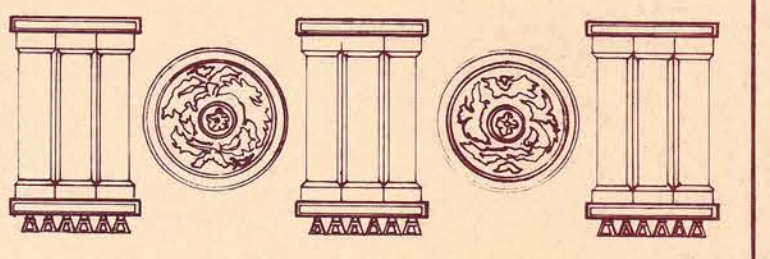
SCALE 1/4" PROJ. NO

BY Leon Jorg CKD EPH

DATE 21 OCTOBER, 1986

A2

TOWN HALL
MILFORD, MASSACHUSETTS



ALL DIMENSIONS ADDED SOME NOTES ADDED	11.25.86
No. DESCRIPTION	
REVISIONS (PRELON TRACT)	

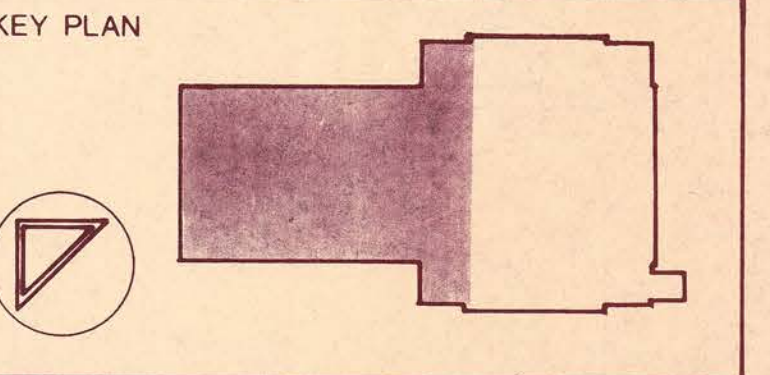
Mastroianni/McQueen Architects

211 Main Street
Milford
Massachusetts 01757
617 478 2995

STRUCTURAL
A. Philip Taylor & Associates
20 FELTON STREET WALTHAM, MA 02154
(617) 891 5673

MECHANICAL
E.J. Flynn Engineers, Inc.
PO DRAWER 630 MIDDLEBORO, MA 02346
(617) 947 3514

TITLE
FIRST FLOOR PLAN

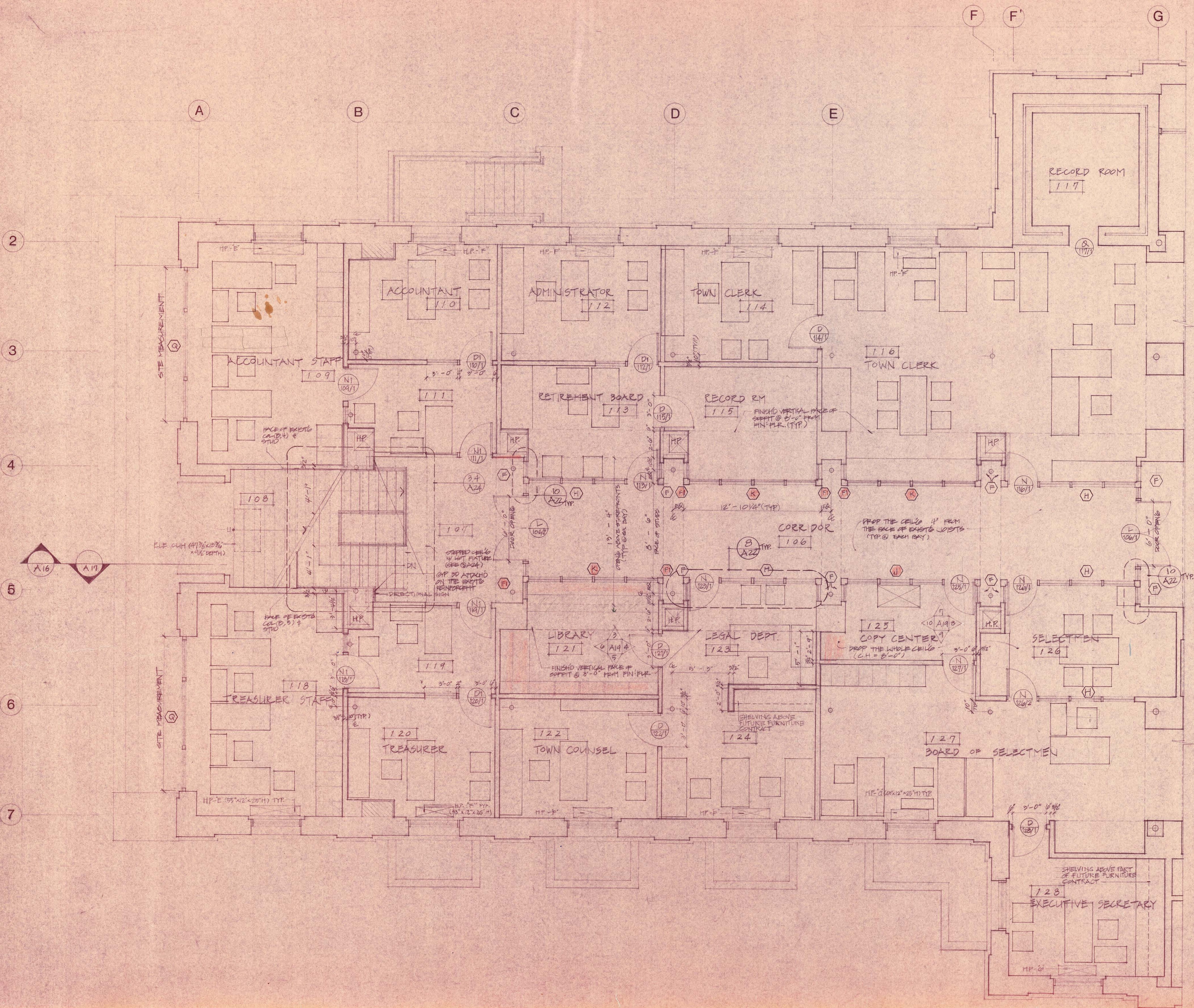


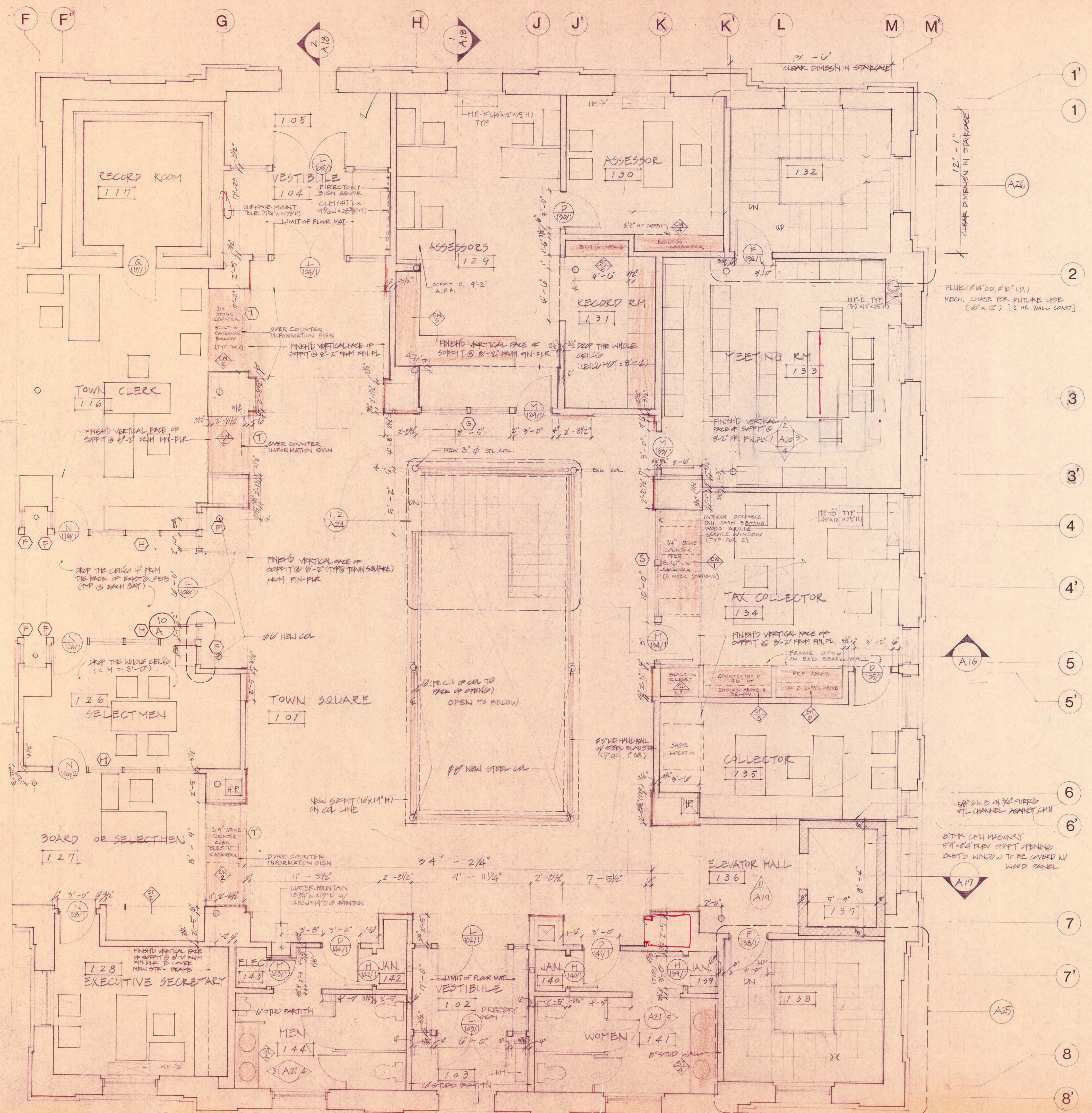
SCALE 1/4"	PROJ. NO.
BY Leemjung	CKD RPM
DATE 21 OCTOBER, 1986	

Professional seal of the State of Massachusetts, dated 1986, for the architect Mastroianni/McQueen.

A3

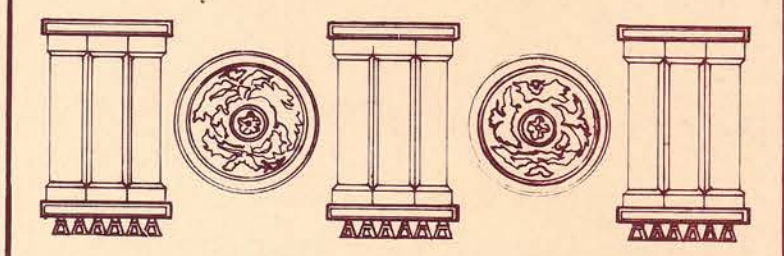
Red Mont





TOWN HALL

MILFORD, MASSACHUSETTS



ALL DIMENSIONS ADDED
SOME NOTES ADDED
NO DESCRIPTION
REVISIONS (PRECONTRACT)

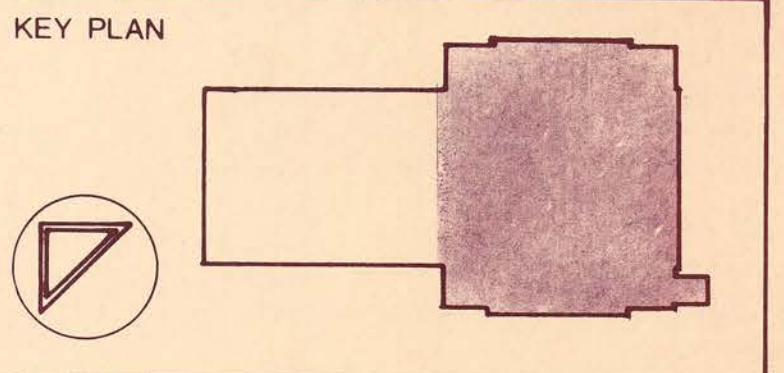
Mastroianni/McQueen Architects

211 Main Street
Milford
Massachusetts 01757
617 478 2995

STRUCTURAL
A. Philip Taylor & Associates
20 FELTON STREET WALTHAM, MA 02154
(617) 891 5673

MECHANICAL
E.J. Flynn Engineers, Inc.
PO DRAWER 630 MIDDLEBORO, MA 02346
(617) 947 3514

TITLE
FIRST FLOOR PLAN

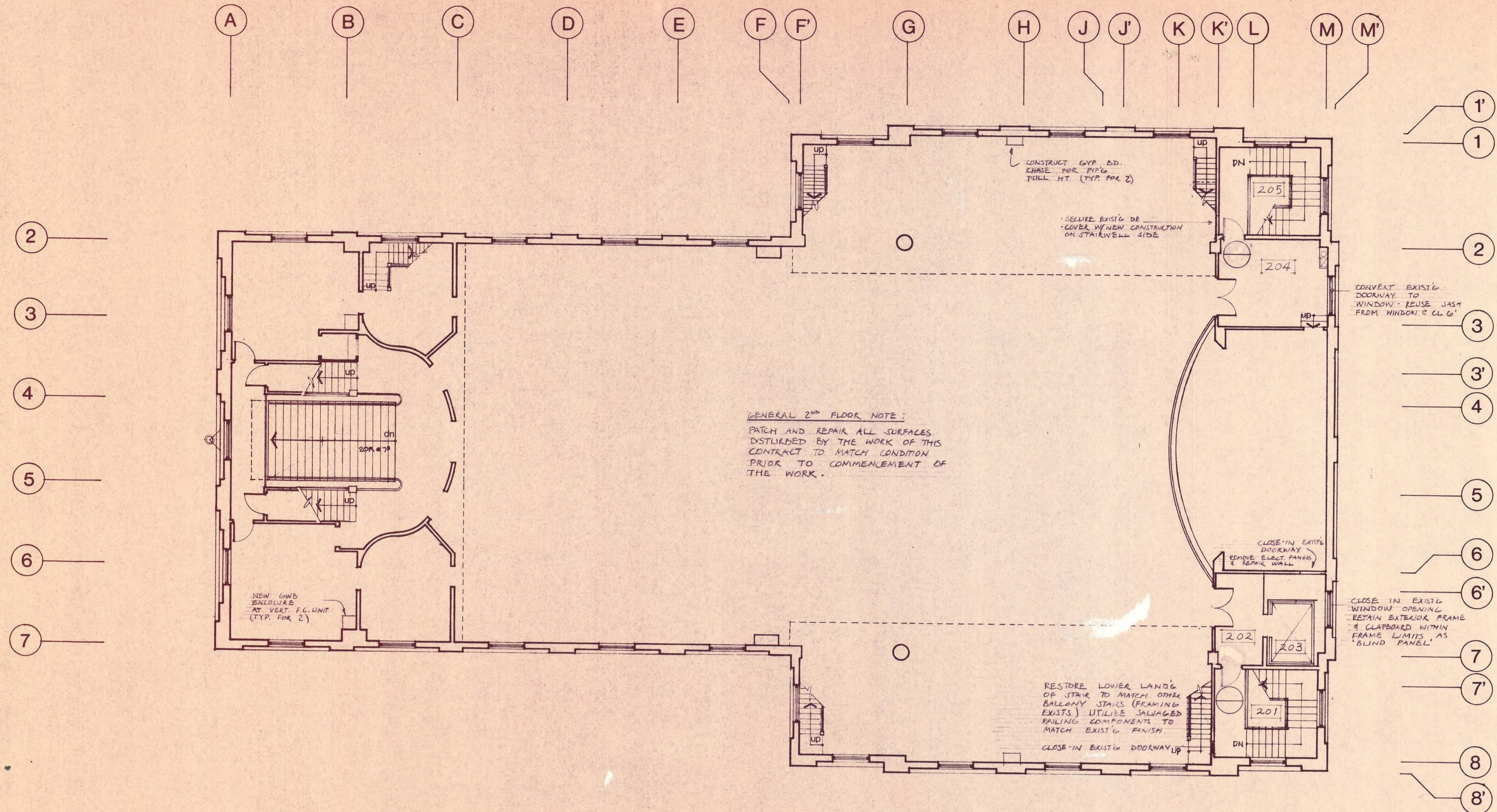


SCALE 1/4" = 1'-0"
PROJ. NO.

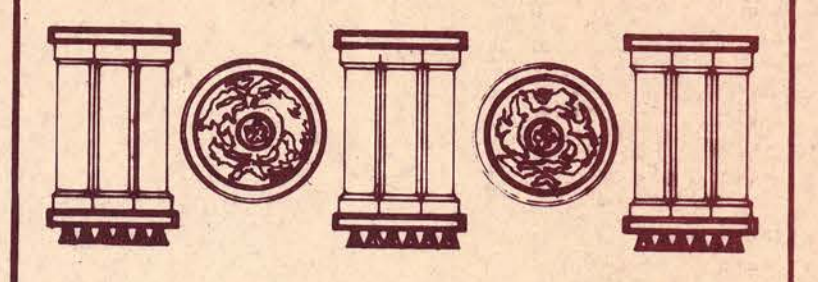
BY sam jong CKD EPM

DATE 21 OCTOBER, 1980





TOWN HALL
MILFORD, MASSACHUSETTS



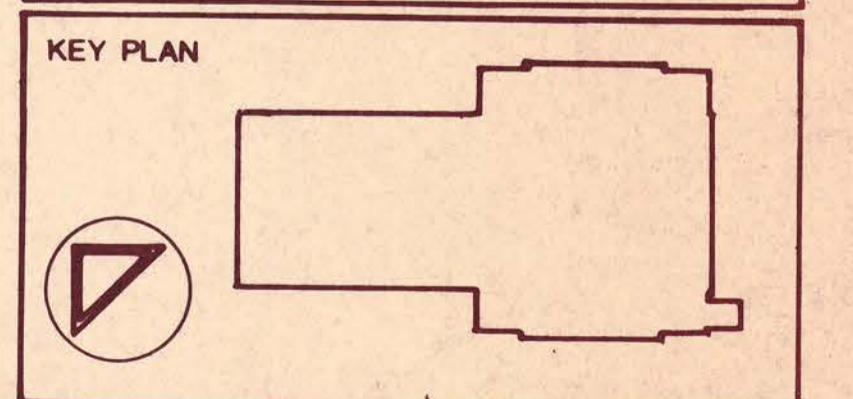
Mastroianni/McQueen Architects

211 Main Street
Milford
Massachusetts 01757
617 478 2995

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A. Philip Taylor & Associates
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(617) 891 5673

MECHANICAL
E.J. Flynn Engineers, Inc.
P.O. DRAWER 630 MIDDLEBORO, MA 02346
(617) 947 3514

TITLE
SECOND FLOOR PLAN

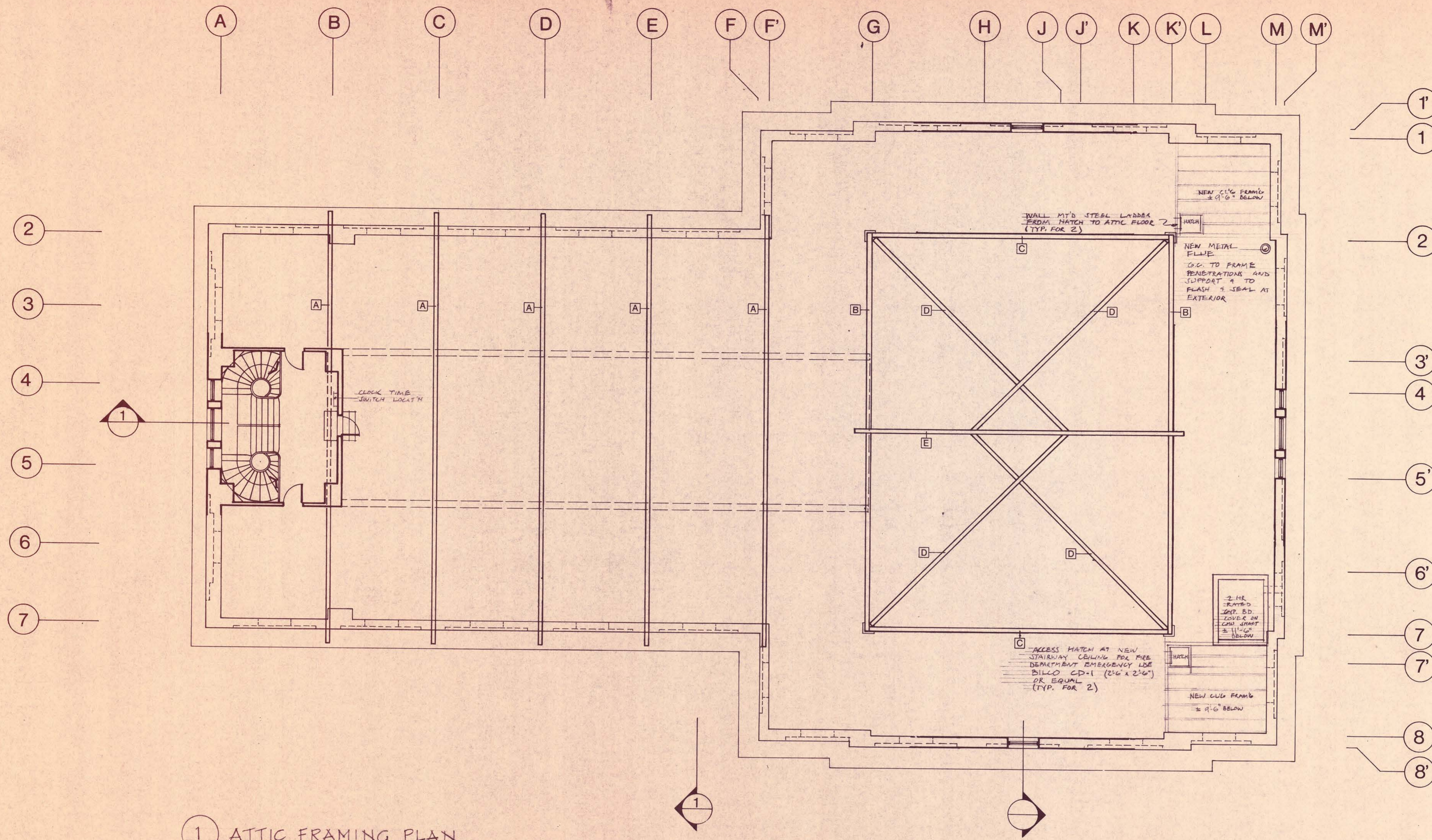


SCALE 1/8" PROJ NO 8602

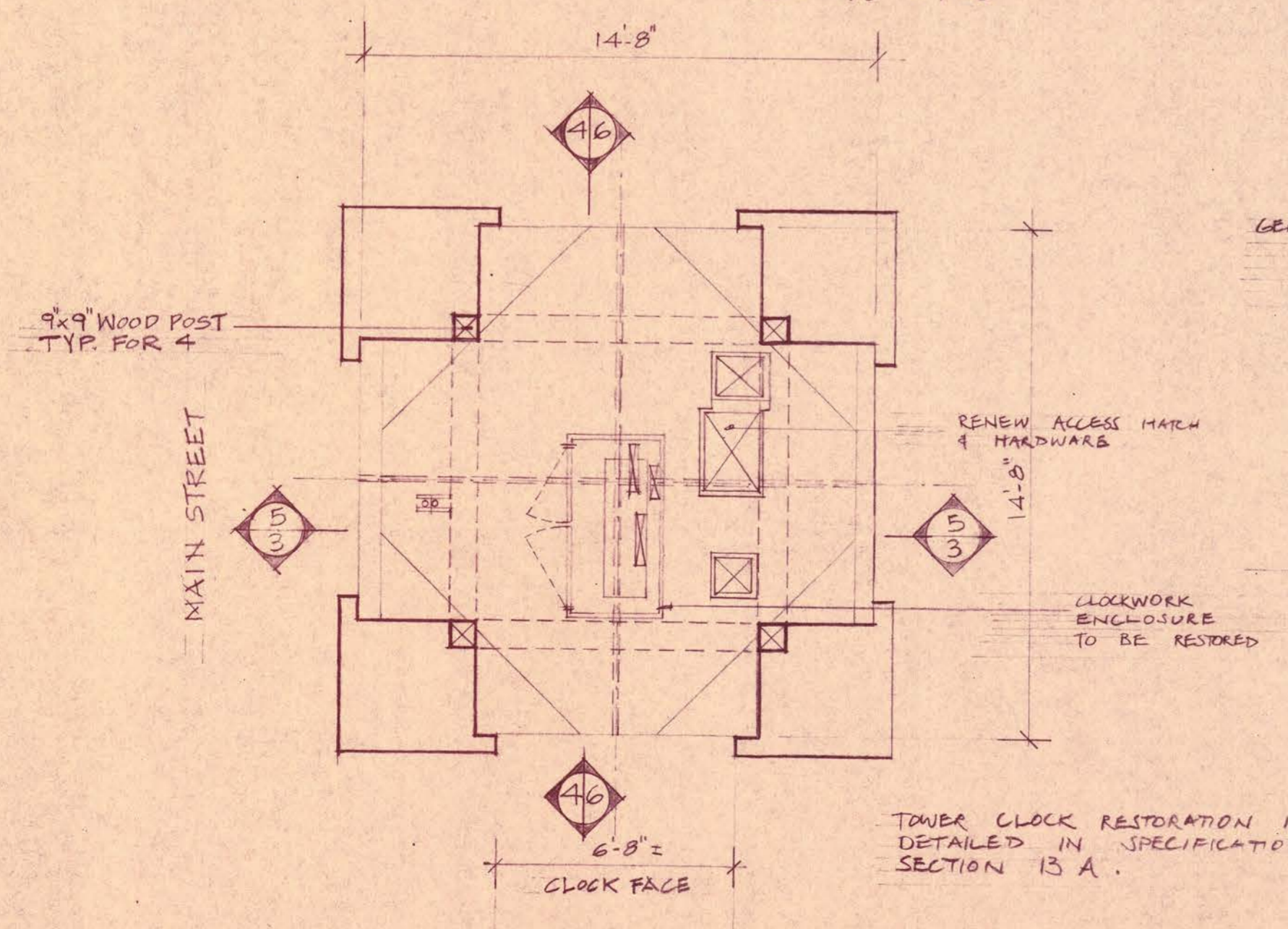
BY Lam Jong CK'D RPM

DATE 21 OCTOBER, 1986

REGISTERED ARCHITECT
RALPH MASTROIANNI
No. 4139
BOSTON
MASS.
A5
Rob. P. M...



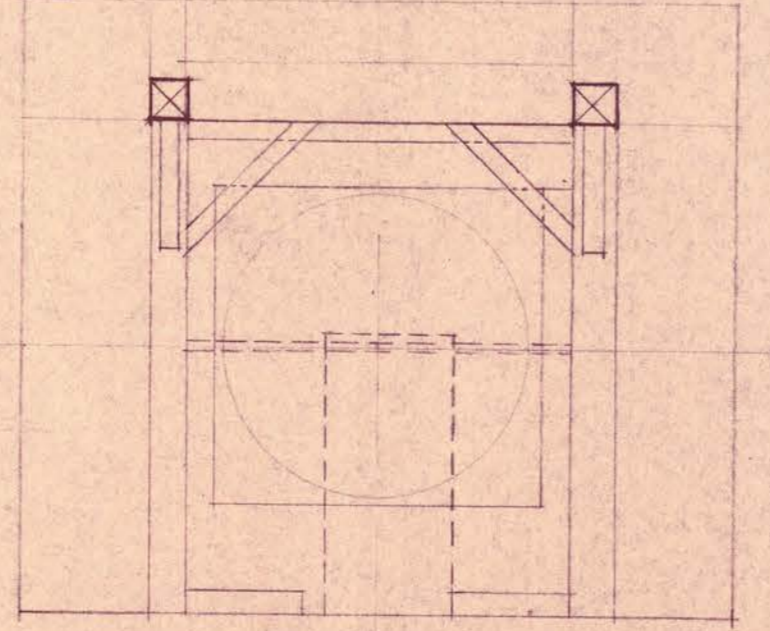
1 ATTIC FRAMING PLAN
1/8" = 1'-0"



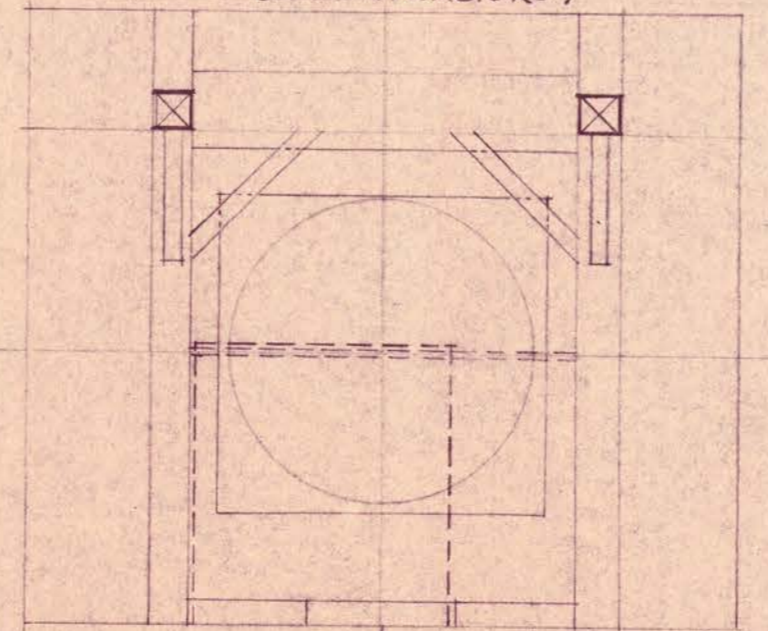
2 PLAN
1/4" = 1'

GENERAL NOTE: G.C. TO REPAIR CLOCK TOWER INTERIOR BY REPLACE MILD SHEET METAL & SECURING OPENINGS AGAINST ELEMENTS.

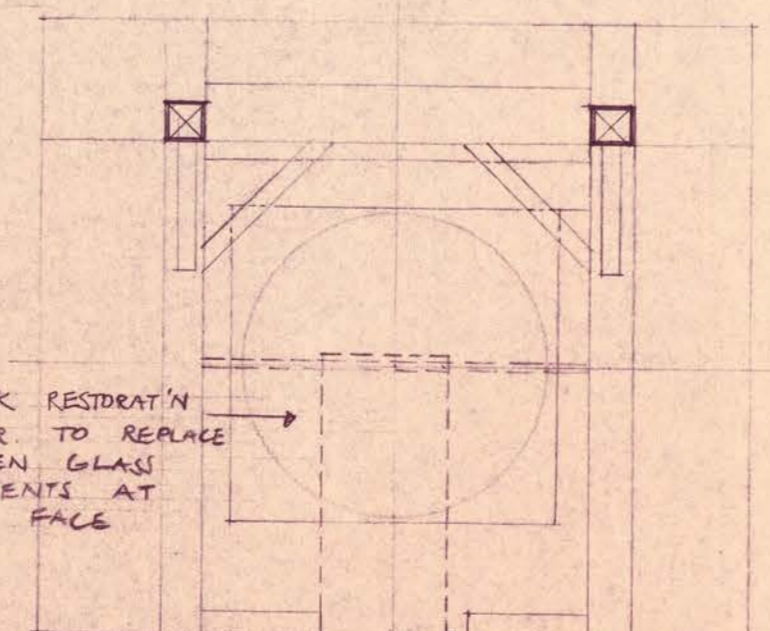
G.C. TO PROVIDE SUPPORTING FRAMEWORK FOR NEW CLOCKFACE ILLUMINATION COORD. W/ ELECT. & CLOCK RESTN SUBCONTRACTORS.



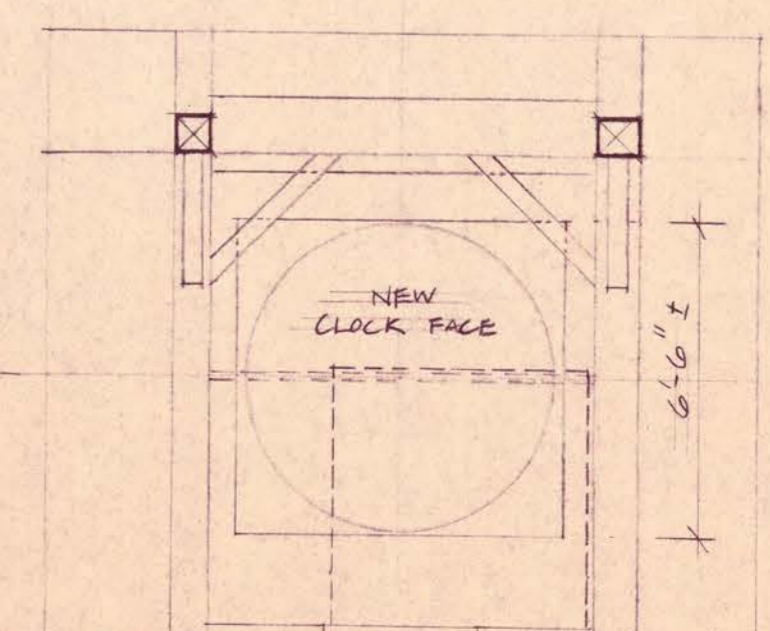
3 SECTION
1/4" = 1'



4 SECTION
1/4" = 1'



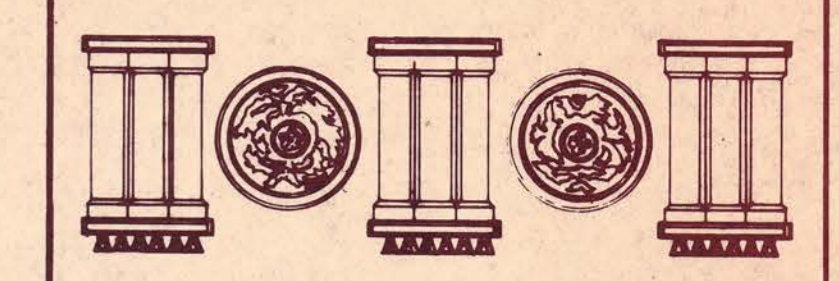
5 SECTION
1/4" = 1'



6 SECTION
1/4" = 1'

CLOCK TOWER

TOWN HALL
MILFORD, MASSACHUSETTS



Mastroianni/McQueen Architects

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Massachusetts 01757
617 478 2995

STRUCTURAL

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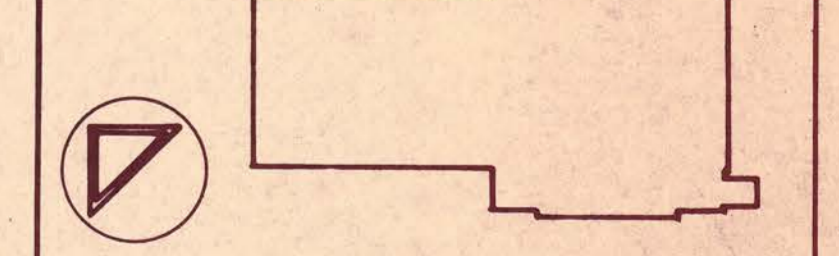
MECHANICAL

E.J. Flynn Engineers, Inc.
PO DRAWER 630 MIDDLEBORO, MA 02346
(617) 947 3514

TITLE

ATTIC PLAN

KEY PLAN



SCALE AS NOTED PROJ. NO. 0602

BY Leon Jung CKD RPH

DATE 21 OCTOBER, 1986

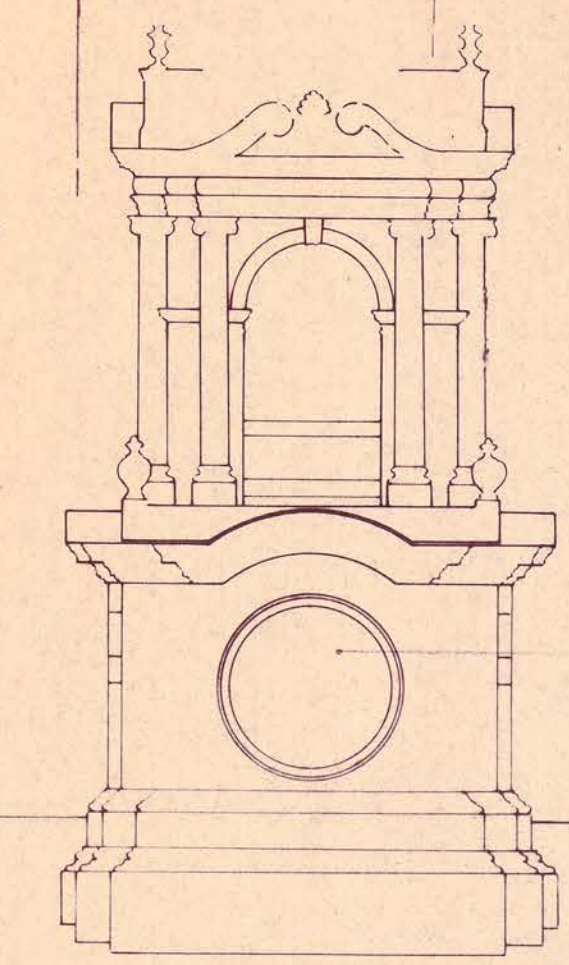
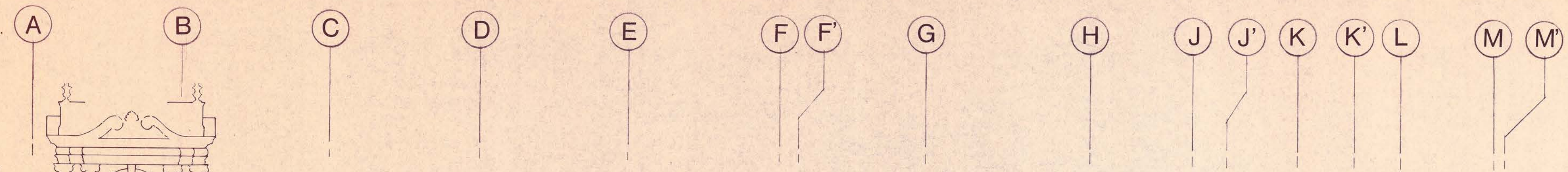


A7

Red P. M...

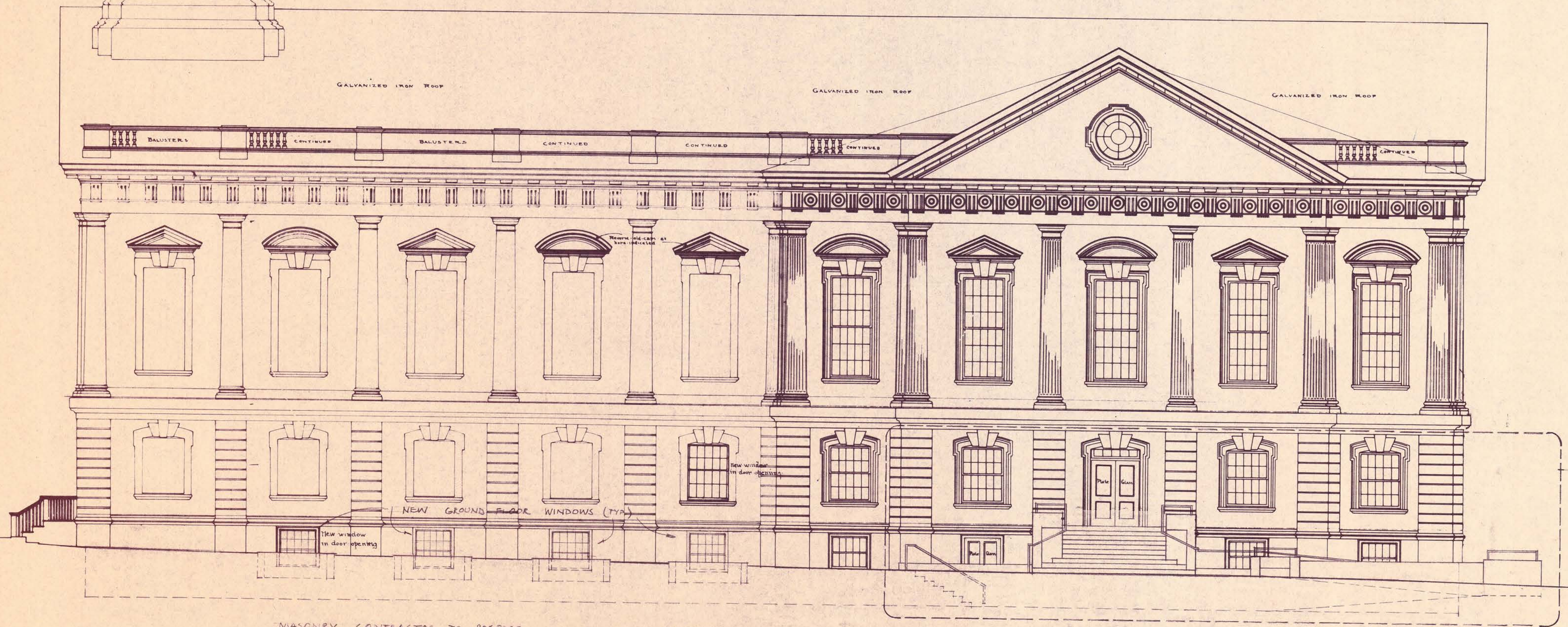
This is one of the drawings referred to in the agreement between Eugene F. Lynch and the Town of Milford August 24th 1977

Eugene F. Lynch
 497 Bldg
 James F. Blanton
 100 P. Cook
 100 W. Perkins
 137 W. Main
 Milford, Mass.



TOWER CLOCK RESTORATION
 SEE SPECIFICATION SECTION 13A

ADDITION TO TOWN HALL -
 AT MILFORD MASS -
 ROBERT ALLEN COOK ARCHITECT - MILFORD MASS -



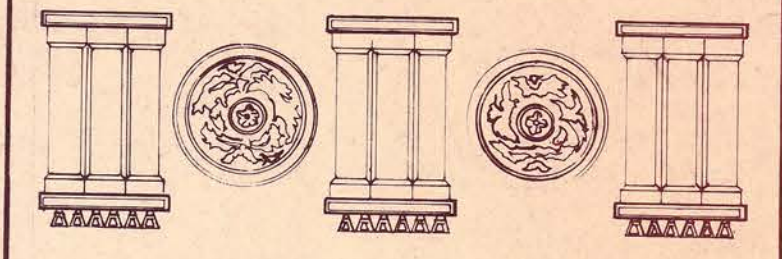
MASONRY CONTRACTOR TO PREPARE
 CUBED-IN M.O.'S TO RECEIVE NEW
 WOOD WINDOWS

PAINTING CONTRACTOR TO REPAINT ALL
 EXTERIOR AREAS DISTURBED BY ANY WORK
 OF THIS CONTRACT - REPAINT ENTIRE BAY
 AT LEVEL DISTURBED (C.A. PILLASTER TO
 PILLASTER BELOW WATER TABLE FOR A
 GROUND FLOOR LEVEL DISTURBANCE.

WEST-ELEVATION
 SCALE: ONE-QUARTER-INCH = EQUALS ONE-FOOT

100 6 April 1977

TOWN HALL
 MILFORD, MASSACHUSETTS



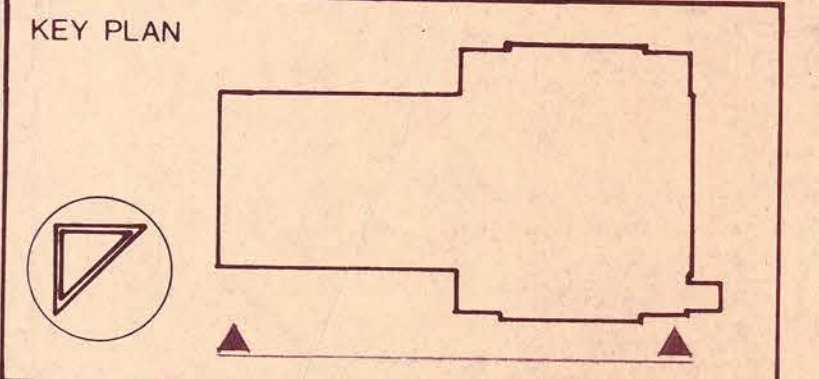
Mastroianni/McQueen Architects

211 Main Street
 Milford
 Massachusetts 01757
 617 478 2995

STRUCTURAL
 A. Philip Taylor & Associates
 20 FELTON STREET WALTHAM, MA 02154
 (617) 891 5673

MECHANICAL
 E.J. Flynn Engineers, Inc.
 PO DRAWER 630 MIDDLEBORO, MA 02346
 (617) 947 3514

TITLE
 SOUTH WEST
 ELEVATION



SCALE 1/8" PROJ. NO. 8602

BY Leming CK'D RPM

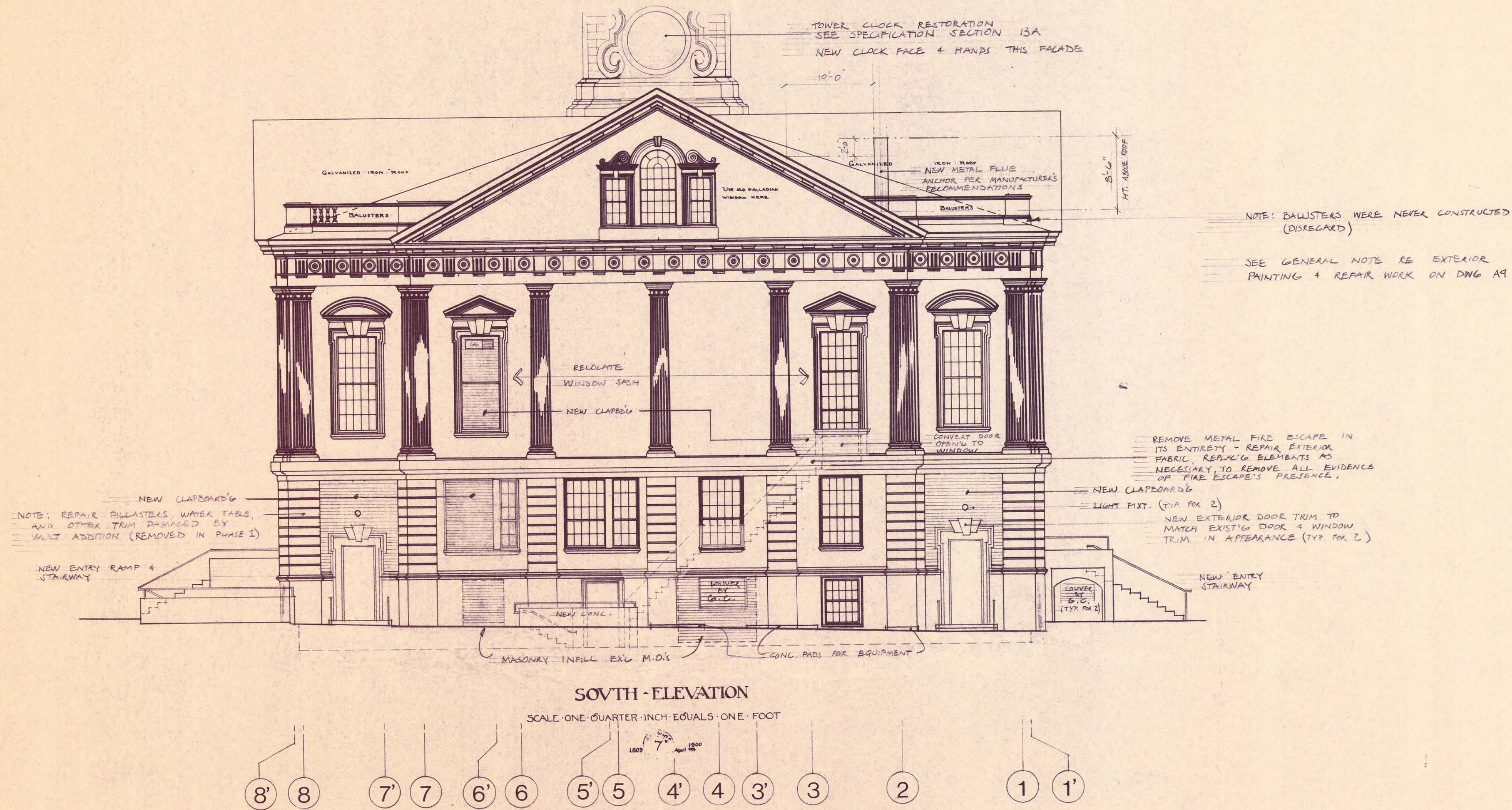
DATE 27 OCTOBER 1986

A9

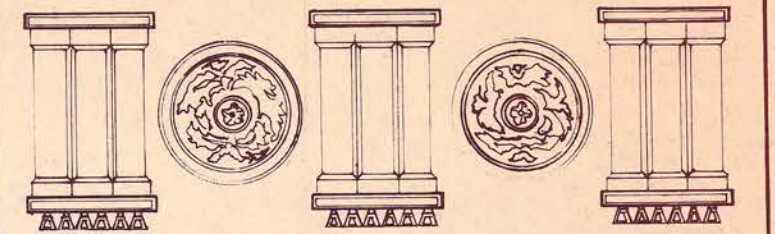
This is one of the drawings referred to
in the contract between Eugene F. Lynch
and the Town of Milford
Dated July 24th 1900.

Eugene F. Lynch
Genl. B. Baker
James F. Stratton
L. D. Coombs
Wm. H. Deane
Wm. C. Hines
B. J. Colwell
Chas. Edwards

ADDITION TO TOWN HALL
AT MILFORD MASS.
ROBERT ALLEN COOK ARCHITECT - MILFORD MASS.



TOWN HALL
MILFORD, MASSACHUSETTS



Mastroianni/McQueen Architects

211 Main Street
Milford
Massachusetts 01757
617 478 2995

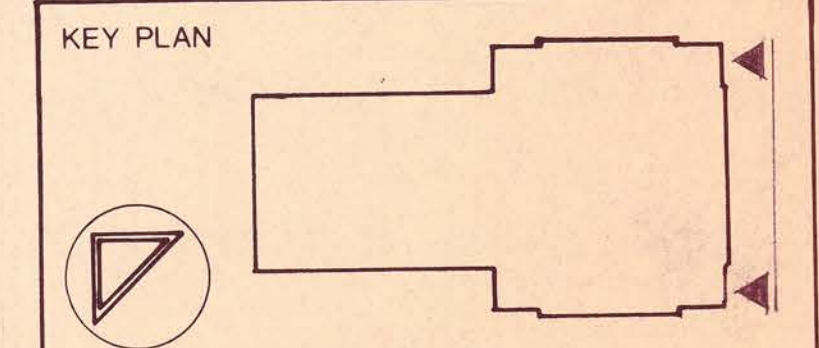
STRUCTURAL

A. Philip Taylor & Associates
20 FELTON STREET WALTHAM, MA 02154
(617) 891 5673

MECHANICAL

E.J. Flynn Engineers, Inc.
PO DRAWER 630 MIDDLEBORO, MA 02346
(617) 947 3514

TITLE
SOUTH EAST
ELEVATION



SCALE 1/8"

PROJ. NO 8602

BY LemJung

CK'D KPM

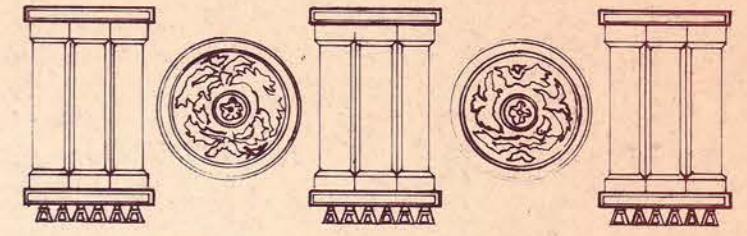
DATE 21 OCTOBER, 1986



A10

Rob. A. Muntz

TOWN HALL
MILFORD, MASSACHUSETTS

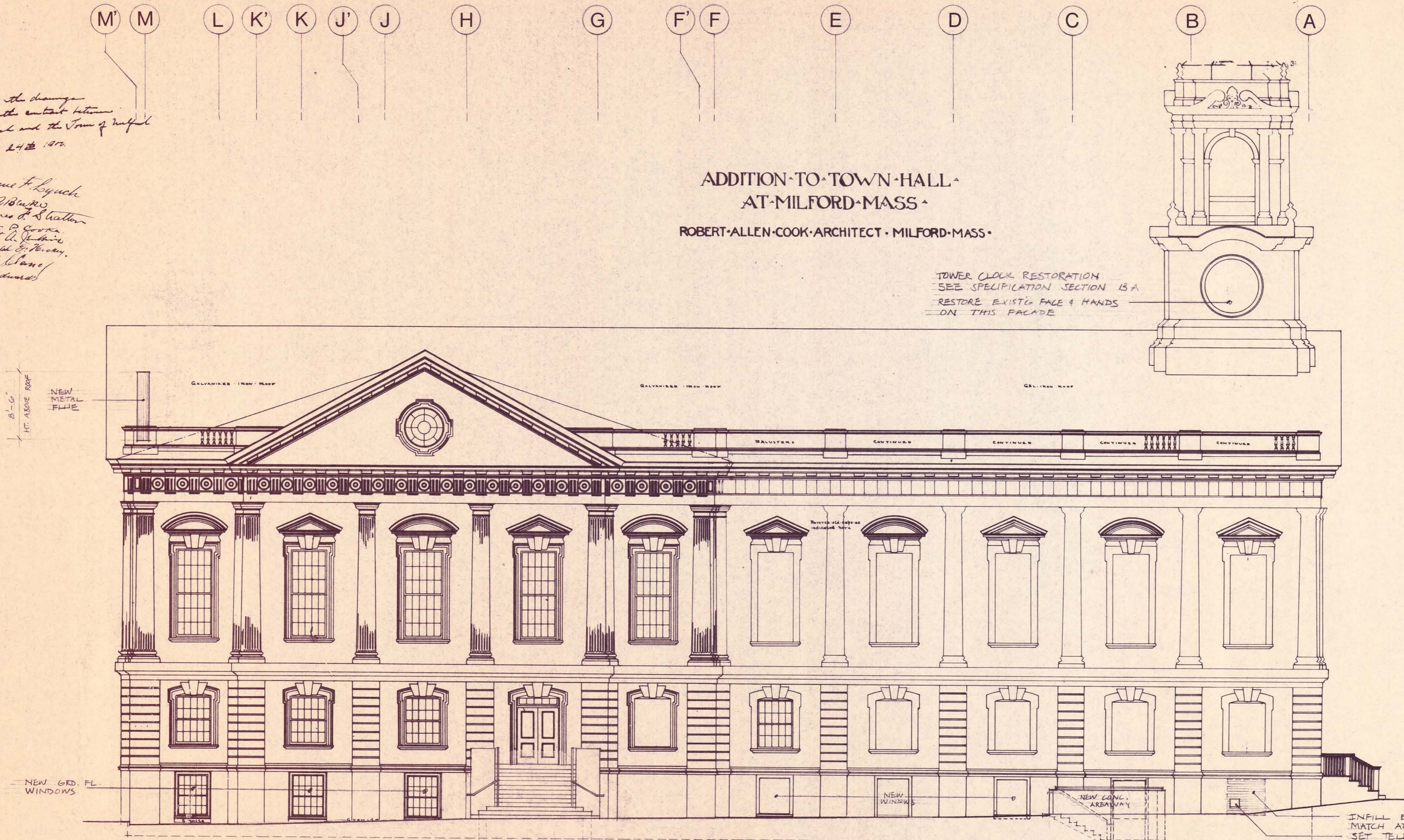


This is one of the drawings referred to in the contract between Eugene F. Lynech and the Town of Milford dated May 24th 1977.

*Eugene F. Lynech
Eugene F. Lynech
James D. Sullivan
James D. Sullivan
James D. Sullivan
James D. Sullivan
James D. Sullivan
James D. Sullivan
James D. Sullivan
James D. Sullivan*

**ADDITION TO TOWN HALL
AT MILFORD MASS**
ROBERT ALLEN COOK ARCHITECT MILFORD MASS

TOWER CLOCK RESTORATION
SEE SPECIFICATION SECTION 13 A
RESTORE EXIST'G FACE & HANDS
ON THIS FACADE



EAST ELEVATION
SCALE ONE-QUARTER INCH EQUALS ONE FOOT

SEE GENERAL EXTERIOR NOTES ON DWG. A9.

5 April 2000

ENLARGE EXIST'G M.O. TO CREATE DOORWAY AT EXIST'G WINDOW.

INFILL EXIST'G M.O. TO MATCH ADJACENT WALL AREA'S SET TELEPHONE SERVICE SPACE FOR FLUSH WITH EXTERIOR FACE OF MASONRY. SEE ELECTRICAL DRAWINGS FOR COORDINATION OF WORK.

Mastroianni/McQueen Architects

211 Main Street
Milford
Massachusetts 01757
617 478 2995

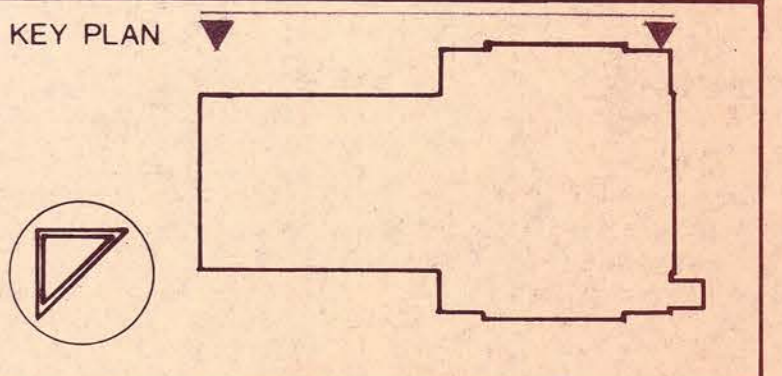
STRUCTURAL

A. Philip Taylor & Associates
20 FELTON STREET WALTHAM, MA 02154
(617) 891 5673

MECHANICAL

E.J. Flynn Engineers, Inc.
PO DRAWER 630 MIDDLEBORO, MA 02346
(617) 947 3514

TITLE
**NORTH EAST
ELEVATION**



SCALE 1/8" PROJ NO 8002

BY Leem/jmg CK'D RPM

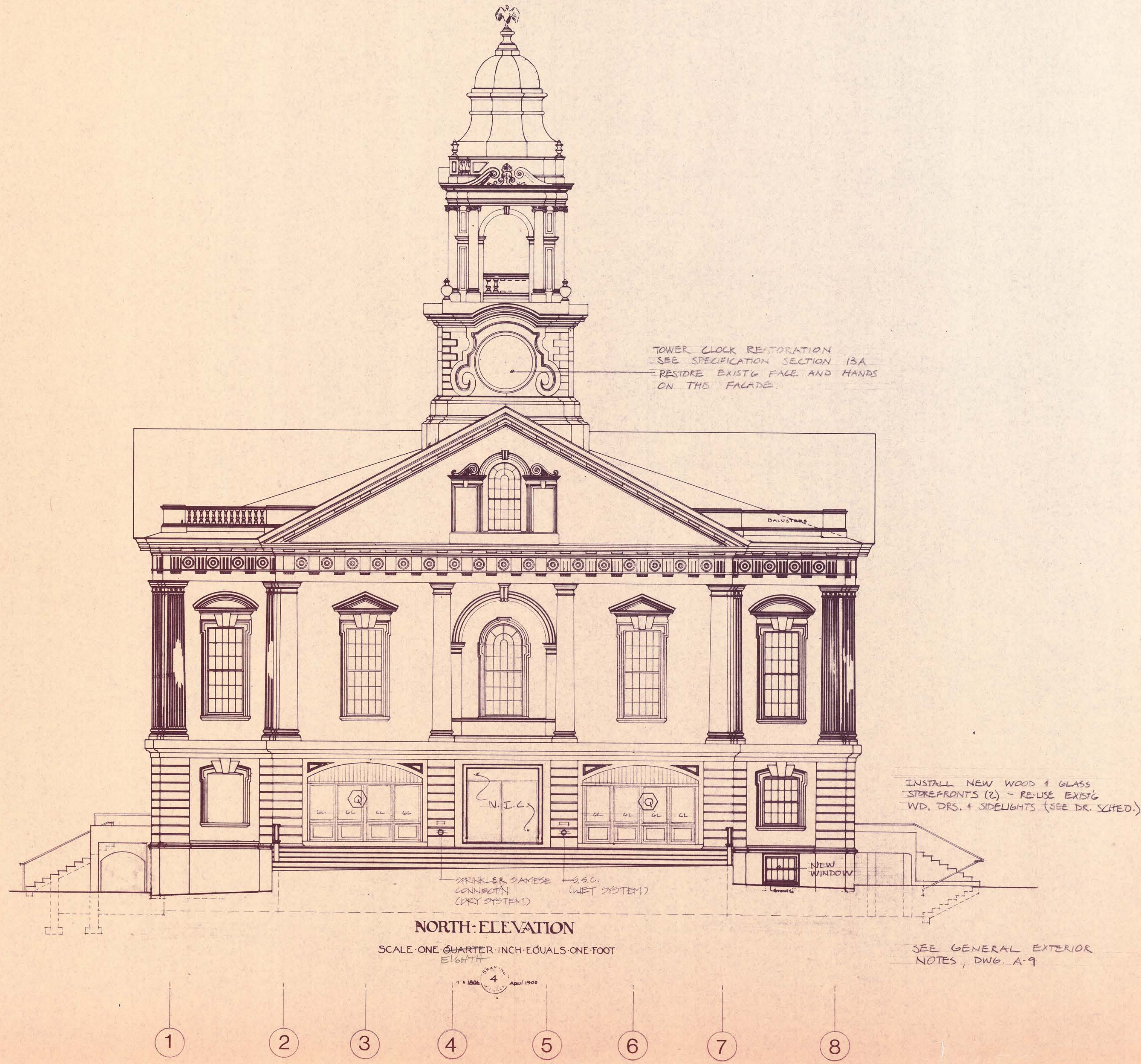
DATE

Shown on 7th & Quincy
 subject to the contract
 between Eugene F. Lyguck
 and the Town of Milford
 Dated Aug 24th 1936

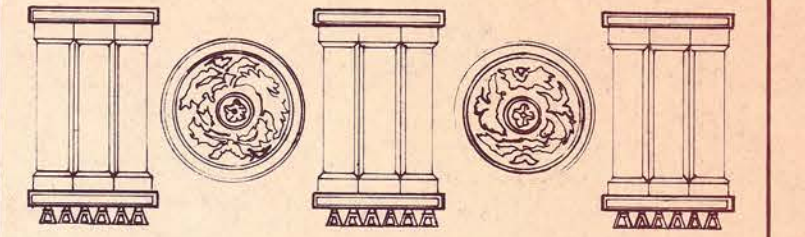
Eugene F. Lyguck
 East Street
 James J. Stratton
 E. P. Cooke
 Albert W. Deane
 Joseph E. Hanson
 B. T. Delaney
 W. H. Edwards

ADDITION TO TOWN HALL
 AT MILFORD MASS

ROBERT ALLEN COOK ARCHITECT MILFORD MASS



TOWN HALL
 MILFORD, MASSACHUSETTS



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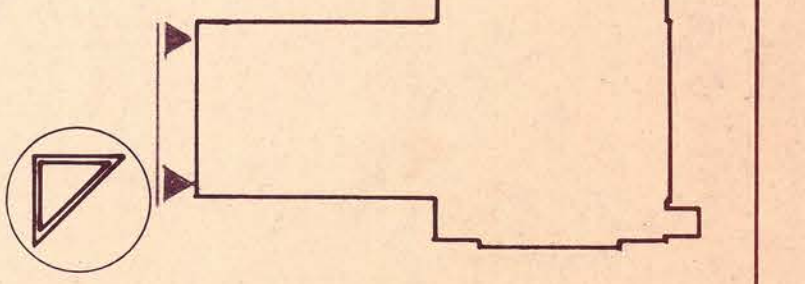
MECHANICAL

E.J. Flynn Engineers, Inc.
 PO DRAWER 630 MIDDLEBORO, MA 02346
 (617) 947 3514

TITLE

NORTH WEST
 ELEVATION

KEY PLAN



SCALE 1/8" PROJ NO 8602

BY Leon Jorg CKD RPM

DATE 21 OCTOBER, 1936

Professional seal of Robert Allen Cook, Registered Architect, No. 4498, State of Massachusetts. Includes the number A12 and a signature.